

Pamela F. Faggert
Vice President and Chief Environmental Officer
5000 Dominion Boulevard, Glen Allen, VA 23060
Phone: 804-273-3467



Dominion

50-280/281

March 21, 2001

HAND DELIVERED

Oula K. Shehab
Piedmont Regional Office
Department of Environmental Quality
4949-A Cox Road
Glen Allen, VA 23060-5106

Re: Surry Power Station - VPDES Permit No. VA0004090 - Application for Reissuance

Dear Ms. Shehab:

Enclosed are the original and five copies of the application for reissuance of the VPDES permit for Surry Power Station. This application covers all process-related discharges. Authorization of storm water discharges as previously permitted is also requested.

The data provided on the Intake and Effluent Characteristics forms (2C, V) were generated from Discharge Monitoring Reports for the 3-year period ending August 2000, and special sampling for the additional Form 2C parameters during August 2000. Sampling and analysis of the discharges was conducted in accordance with sampling and analysis variances and waivers approved for previous permit applications.

We request waivers from some of the specified permit application requirements in the following issues:

1. Essentially identical discharges- Outfalls 102, 103, 106, 110, 111, 112, 113 and 120 are all low volume process wastewater sumps that have identical or similar contaminants and concentrations, and receive comparable treatment prior to discharge. Outfalls 102 and 113 were sampled and analyzed to characterize all of these outfalls for parameters not included in the DMR data. Outfalls 114 and 115 are identical steam generator blowdown discharges; both are characterized by samples from 114. Outfalls 118 and 119 are identical condenser hot well drains; 118 was sampled to provide information for both. We request waivers from individual sampling and analysis of the characterized outfalls.

C001

2. Non-contact cooling waters- Outfall 001 is a large volume flow, once through, non-contact cooling water. We request waivers from any parameters not provided in Section V. Analysis, testing and reporting on this discharge are currently being conducted in accordance with the Toxics Management Program contained in the current VPDES permit, which we expect will be continued in the reissued permit. Due to the size and nature of the discharge, we do not believe that additional analyses would more accurately represent plant processes or the impact of station operations.

3. Intermittent, non-wastewater discharges- Outfalls 002, 105, 107, 121 and 122 are low volume, non-process discharges that do not fall under the Steam Electric Effluent Guidelines. The 002 and 105 discharges consist entirely of storm water and involve no process wastes. Outfall 107 is, initially, a discharge of deionized lay-up water from the package boiler that is only occasionally released after storage periods. (After lay-up, the boiler water is analyzed for hydrazine and no discharge occurs unless, or until, the residual concentration of hydrazine is low enough to be non-detectable in the final discharge.) During package boiler operation, the discharge consists of deionized water with trace (1 ppm) concentrations of trisodium phosphate and sodium sulfite. Outfalls 121 and 122 discharge deionized water that has been filtered after hydrolasing of the steam generators. Since these discharges do not occur often enough to be included in the sampling conducted for this application, data supplied for these outfalls are from the limited historical data and information. We request waivers from all other testing requirements not provided in the application.

4. Uncontaminated side streams- Outfalls 116 and 117 are portions of the non-contact cooling water that are diverted through the recirculation spray heat exchangers. No process wastewater or pollutants from other sources are added. Only DMR data are provided. We request that requirements for any other testing not provided in the application be waived.

We also request that the following issues be considered in the reissuance of the permit:

1. Outfall 002 requirements- As with the current permit, we request that the size, nature and location of the 002 discharge be reconsidered and professional judgement be applied in evaluation of appropriate limitations, monitoring requirements, and other conditions applied to this outfall. The 002 discharge consists of storm water from an oil tank containment berm. The discharge is small, very infrequent and goes into a small ditch far from any natural watercourse. Due to the sandy soil, most of the discharge seeps into the ground before entering the ditch's drainage to a small, unnamed tributary that then flows a considerable distance, through beaver pond areas, before entering the swamp at Hog Island. Unless there is a significant storm event with runoff from the entire surrounding area, effluent from the 002 discharge cannot flow offsite. The entire ditch that receives the Outfall 002 flow is well within the property boundaries and any discharge during usual conditions would soak into the ground or evaporate before reaching beyond Virginia Power property or reaching any watercourse. We do

not believe that extensive monitoring and analyses are necessary at this outfall to provide adequate protection of human health and the environment.

2. Storm water- As noted in our earlier application for authorization of storm water discharges, all industrial processes at Surry Power Station are under roof and not exposed to storm water. Those station wastewater discharges that enter storm water conveyances are treated and monitored prior to mixing with storm water. We request that the reissued permit follow the DEQ policy applied in the current permit in which the storm water discharges received authorization without additional monitoring requirements.

3. Alternative effluent limitations- As stated during application for the current permit, and noted in Special Condition 13 of the current permit, there have been no substantial changes in the conditions described in our request for a variance under CWA Section 316(a). We request that the recognition of the 316(a) variance be continued in the reissued permit.

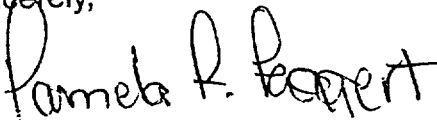
4. Intake studies- As required by the initial permits for Surry Power Station, intake studies were performed to demonstrate the acceptability of the cooling water intake impacts in accordance with CWA Section 316(b). The required reports of these studies were subsequently submitted and accepted by the SWCB. However, recognition of the satisfactory demonstration of this issue was not, as with the 316(a) issue, documented in subsequent permits. We request that the recognition of the satisfactory demonstration of the 316(b) issue be incorporated in the reissued permit.

5. Reduced monitoring requirements- We request that the policies for reduced monitoring requirements be considered and applied to the reissued permit wherever possible. In particular, several internal outfalls currently have effluent monitoring for oil and grease that we believe may be deleted. In most cases, these outfalls have never contained oil and grease in their effluents and, in fact, have no actual or potential sources for oil and grease contribution. In light of coming changes in oil and grease analysis, and the health and safety dangers presented, we believe it would be appropriate to remove such requirements at all outfalls where the contaminants are not present or likely. In addition to these other concerns, samples from the Radwaste Facility (#109) must be handled as potentially radioactive materials and processed in an appropriately equipped lab; further increasing the costs and logistics problems for samples with no oil and grease constituents.

6. Additional available information- Since this is application for reissuance of a permit for an existing facility that has been authorized, limited and monitored under prior permits, extensive relevant information has previously been submitted to the DEQ. We request that the agency files on this facility be considered a part of this application as a source for additional information that may be needed in support of the present application and permit development.

Should you desire additional information or have any questions, please contact Daniel James at (804) 273-2996. You are invited to visit the station as early as possible in the permit development procedure, at your convenience, to become familiar with the equipment, processes and layout or to clarify any questions or concerns you may have. Please contact Mr. James to make arrangements for your visits.

Sincerely,

A handwritten signature in black ink that reads "Pamela F. Faggert". The signature is written in a cursive style with a large initial "P".

Pamela F. Faggert

cc w/ attachments:

U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., NW
Suite 2900
Atlanta, GA 30323

Re: Surry Units 1 & 2
Docket Nos. 50-280/50-281
License Nos. DPR-32/DPR-37

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Re: Surry Units 1 & 2
Docket Nos. 50-280/50-281
License Nos. DPR-32/DPR-37

NRC Senior Resident Inspector
Surry Power Station

FORM
1
GENERAL



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

I. EPA I.D. NUMBER

VA0004090

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.

PLEASE PLACE LABEL IN THIS SPACE

II. POLLUTANT CHARACTERISTICS

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

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		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	
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	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		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	
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	
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	

III. NAME OF FACILITY

1 SKIP Surry Power Station

IV. FACILITY CONTACT

2 Pamela F. Faggert, V.P.

B. PHONE (area code & no.)

804 273 3467

V. FACILITY MAILING ADDRESS

3 5000 Dominion Blvd., EP&C

B. CITY OR TOWN

4 Glen Allen

C. STATE

VA

D. ZIP CODE

23060

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

5 State Route 650

B. COUNTY NAME

6 Surry

C. CITY OR TOWN

6 Surry

D. STATE

VA

E. ZIP CODE

23883

F. COUNTY CODE (if known)

VA0004090

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

A. FIRST				B. SECOND			
4	9	1	1	(specify)	7		(specify)
ELECTRICAL SERVICES							
C. THIRD				D. FOURTH			
(specify)				(specify)			

VIII. OPERATOR INFORMATION

A. NAME				B. Is the name listed in Item VIII-A also the owner?			
Dominion Generation				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)				D. PHONE (area code & no.)			
F = FEDERAL S = STATE P = PRIVATE M = PUBLIC (other than federal or state) O = OTHER (specify)				G A 804 273 3346			
E. STREET OR P.O. BOX							
5000 Dominion Blvd.							
F. CITY OR TOWN				G. STATE		H. ZIP CODE	
Glen Allen				VA		23060	
				IX. INDIAN LAND			
				Is the facility located on Indian lands?			
				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
9 N VA0004090				9 P			
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
9 U				SE-16C			
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
9 R VAD000619502				50336			

XI. MAP

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

XII. NATURE OF BUSINESS (provide a brief description)

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

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	
Pamela F. Faggert V.P. & Chief Environmental Officer		Pamela F. Faggert		3-21-01	

COMMENTS FOR OFFICIAL USE ONLY

Please print or type in the unshaded areas only.

FORM
2C
NPDESU.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

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

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	37	10	16	76	42	19	James River
101	37	10	7	76	42	4	Discharge Canal
102	37	10	1	76	41	50	Unit 1 Storm Drain
103	37	10	1	76	41	50	Unit 1 Storm Drain
104	37	10	1	76	41	50	Unit 1 Storm Drain
105	37	10	1	76	41	50	Discharge Canal

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)		2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		5. LIST CODES FROM TABLE 2C-1	
a. OPERATION(list)		b. AVERAGE FLOW (include units)		a. DESCRIPTION			
001	Units 1 & 2 Condenser Cooling	2003 MGD		Mixing, cooling.		1-O	2-F
	Water (All other outfalls except 002 are internal to 001.)			Periodic disinfection.			
				Discharge to surface water.			
101	Sewage Treatment Plant	0.0103 MGD		Flow equalization, screening, grinding, activated sludge, disinfection, aerobic digestion, drying beds.		1-L 3-A 5-A	1-T 2-F 5-H
102	Turbine Sump A	8044 gpd		Flotation, settling.		1-H	1-U
103	Turbine Sump B	8531 gpd		Flotation, settling.		1-H	1-U
104	Reverse Osmosis Reject & Backwash	0.0277 MGD		None.		XX	
105	Oil Storage Tank Dike Stormwater	6909 gpd		None.		XX	

OFFICIAL USE ONLY (effluent guidelines sub-categories)

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	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
106	37	10	1	76	41	50	Unit 2 Storm Drain
107	37	10	1	76	41	50	Unit 2 Storm Drain
108	37	10	1	76	41	50	Discharge Canal
109	37	10	1	76	41	50	Unit 2 Discharge Tunnel
110	37	10	1	76	41	50	Cooling water tunnel- Alternate routing
111	36	10	1	76	41	50	Cooling water tunnel- Alternate routing

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		5. LIST CODES FROM TABLE 2C-1	
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION		1-H	1-U
106	Turbine Sump C	8775 gpd	Settling, flotation.			
107	Package Boiler A & B	0.0031 MGD	None.		XX	
108	Settling Pond	0.0245 MGD	Sedimentation, aeration.		1-U	3-B
			Biological enhancement.			
109	Radwaste Facility	0.0181 MGD	Ion exchange, ozonation.		2-J	2-B
110	Unit 1A Waste Neutralization Sump	0.0279 MGD	Settling, neutralization.		1-U	2-K
111	Unit 1B Waste Neutralization	0.0279 MGD	Settling, neutralization.		1-U	2-K

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A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
112	36	10	1	76	41	50	Cooling water tunnel- Alternate routing
113	36	10	1	76	41	50	Cooling water tunnel- Alternate routing
114	36	10	1	76	41	50	Cooling water tunnel
115	36	10	1	76	41	50	Cooling water tunnel
116	36	10	1	76	41	50	Cooling water tunnel
117	36	10	1	76	41	50	Cooling water tunnel

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

B. For each outfall, provide a description of: (1) All operations contributing to the outfall; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.						
1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		b. LIST CODES FROM TABLE 2C-1	
	a. OPERATION(list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION		1-U	2-K
112	Unit 2A Waste Neutralization Sum	0.0279 MGD	Settling, neutralization.			
113	Unit 2B Waste Neutralization Sum	0.0279 MGD	Settling, neutralization.		1-U	2-K
114	Unit 1 Steam Generator Blowdown	0.0099 MGD	Ion exchange.		2-J	
115	Unit 2 Steam Generator Blowdown	0.0275 MGD	Ion exchange.		2-J	
116	Unit 1 Recirculation Spray Heat Exchanger	2.0265 MGD	None.		XX	
117	Unit 2 Recirculation Spray Heat Exchanger	1.8 MGD	None.		XX	

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A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
118	36	10	1	76	41	50	Cooling water tunnel
119	36	10	1	76	41	50	Cooling water tunnel
120	36	10	1	76	41	50	Cooling water tunnel- Alternate routing
121	36	10	1	76	41	50	Stormwater pipe to Discharge Canal
122	36	10	1	76	41	50	Stormwater pipe to Discharge Canal
002	37	9	36	76	41	32	Unnamed tributary to Hog Island marsh

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		5. LIST CODES FROM TABLE 2C-1	
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. DESCRIPTION		
118	Unit 1 Condenser Hotwell Drain	0.072 MGD	Ion exchange.		2-J	
119	Unit 2 Condenser Hotwell Drain	0.09 MGD	Ion exchange.		2-K	
120	Low Conductivity Sump	0.038 MGD	Settling, neutralization.		1-U	2-K
121	Unit 1 Steam Generator Hydrolanc	0.038 MGD	None.		XX	
122	Unit 2 Steam Generator Hydrolanc	0.038 MGD	None.		XX	
002	Gas Turbine Dike Stormwater	9650 gpd	Discharge to surface water.		4-A	

OFFICIAL USE ONLY (effluent guidelines sub-categories)

VA0004090

Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

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

<input checked="" type="checkbox"/> YES (complete the following table)		<input type="checkbox"/> NO		4. FLOW				
OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		c. DUR- ATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
111	Unit 1B Waste Neutralization Sump	1	2	.0279MGD	.0279MGD	28K gal	28K gal	1
112	Unit 2A Waste Neutralization SumUnit	1	1	.0279MGD	.0279MGD	28K gal	28K gal	1
113	2B Waste Neutralization SumUnit 1	1	2	.0279MGD	.0279MGD	28K gal	28K gal	1
116	Recirculation Spray Heat Exchanger	1	1	2.02MGD	2.03MGD	2.02 Mgal	2.03 Mgal	1 day
117	Unit 2 Recirculation Spray Heat Exchanger	1	1	1.8MGD	2.03MGD	1.8 Mgal	2.03 Mgal	1 day
118	Unit 1 Condenser Hotwell Drain	1	4	0.072MGD	0.09MGD	72K gal	90K gal	1
119	Unit 2 Condenser Hotwell Drain	1	4	0.09MGD	0.09MGD	90k gal	90K gal	1
120	Low Conductivity Sump	1	2	0.038MGD	0.038MGD	38K gal	38K gal	1
121	Unit 1 Steam Generator HydrolancUnit	1	2	0.038MGD	0.038MGD	38K gal	38K gal	1
122	2 Steam Generator HydrolancGas	1	2	0.038MGD	0.038MGD	38K gal	38K gal	1
002	Turbine Dike Stormwater	1	3	9650gpd	0.023MGD	9650 gal	23K gal	2

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

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

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

☐ YES (complete Item III-C)☒ NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or 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)☒ NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COM- PLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. RE- QUIRED	b. PRO- JECTED

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 PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 1 OF 4

VA0004090

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☐ NO (go to Section III)

☐ NO (go to Section III)

☒ YES (complete the following table)

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?
☒ YES (complete Item III-B) ☐ NO (go to Section IV)

B. Are the limitations in the application effluent guideline expressed in terms of production (or other measure of operation)?
☐ YES (complete Item III-C) ☒ 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. PRODUCTION	2. AFFECTED

III. PRODUCTION

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? ☐ YES ☐ NO (go to 4)

☐ NO (go to Section IV)

☒ YES (complete Item III-B)

☒ YES (complete Item III-B)

B. Are the limitations in the application effluent guideline expressed in terms of production (or other measure of operation)? ☒ NO (go to S)

☒ NO (go to Section IV)

☐ YES (complete Item III-C)

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.

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 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 enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (complete the following table)

☒ NO (go to Item IV-B)

4. FINAL COMPLIANCE DATE

IV. IMPROVEMENTS

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) ☒ NO (go to Item IV-B)

☐ YES (complete the following table)

☒ NO (go to Item IV-B)

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you 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 PROGRAMS IS ATTACHED

CONTINUE ON PAGE 3

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 PROGRAMS IS ATTACHED

V. INTAKE AND EFFLUENT CHARACTERISTICS

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

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

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
Dimethylamine See attachment titled "Chemical Additions" for additional information.	Low concentration additions to steam generators/secondary system Non-detectable in station discharge.		

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

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

☒ YES (list all such pollutants below)

☐ NO (go to Item VI-B)

Ammonium hydroxide
Dimethylamine
Potassium chromate
Potassium hydroxide
Sodium nitrite

See attachment titled "Chemical Additions" for additional information.

EPA I.D. NUMBER (copy from Item I of Form I)
VA0004090

VII. BIOLOGICAL TOXICITY TESTING DATA

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

☒ YES (identify the test(s) and describe their purposes below)

☐ NO (go to Section VIII)

Biological and chemical monitoring have been conducted in accordance with the toxics monitoring requirements of the current permit.
This information has previously been submitted to DEQ.

VIII. CONTRACT ANALYSIS INFORMATION

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

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

☐ NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Florida Radio Chemistry Services, Inc.	5456 Hoffner Ave. Suite 201 Orlando, FL 32812	(407) 382-7733	Gross alpha and beta Radium 226 and 228 Total radium

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)

Pamela F. Faggert
V.P. & Chief Environmental Officer

C. SIGNATURE

Pamela F. Faggert

B. PHONE NO. (area code & no.)

(804) 273-3467

D. DATE SIGNED

3-21-01

CHEMICAL ADDITIONS SURRY POWER STATION VPDES PERMIT APPLICATION

The following is a list of chemicals either currently in use or likely to be evaluated for use within the next five years at Surry Power Station. The list is subdivided into plant systems with brief comments included to give perspective.

- I. Chemicals added (or potential for addition) to steam generators/secondary system:
 1. hydrazine currently added to control oxygen
 2. monoethanolamine (ETA) added at Surry to control pH
 3. ammonium hydroxide formed in the system by hydrazine decomposition
(may be added to adjust pH)
 4. carbohydrazide ($(N_2H_3)_2CO$) (Nalco's Eliminox) evaluating as a replacement for
hydrazine
 5. dimethylamine (DMA) will be evaluated this year for future addition (pH
control)
 6. methoxypropylamine (MPA) may be evaluated for use w/in 5 yrs. (pH control)
 7. diaminoethane (DAE) may be evaluated for use w/in 5 yrs. (pH control)
 8. diethylaminoethanol may be evaluated for use w/in 5 yrs. (pH control)
 9. 5-aminopentanol (5AP) may be evaluated for use w/in 5 yrs. (pH control)
 10. 2-amino-2-methyl-1-propanol (AMP) may be evaluated for use w/in 5 yrs. (pH
control)
 11. morpholine used in the recent past-may be used again? (pH
control)
 12. diethylhydroxylamine (DEHA) may be evaluated for use w/in 5 years (oxygen
control)
- II. Chemicals added to the auxiliary heating boiler (potential for blowdown to reach the environment during operation)
 1. trisodium phosphate buffer/pH control
 2. sodium sulfite oxygen scavenger
 3. sodium hydroxide pH control
 4. ammonium hydroxide (potential use-already listed above)
 5. hydrazine (potential use-already listed above)
 6. carbohydrazide (potential use-already listed above)
 7. monoethanolamine (ETA) (potential use-already listed above)

III. Chemicals added to the bearing cooling system

- | | |
|------------------------|--|
| 1. sodium nitrite | component of Calgon's LCS-60 corrosion inhibitor |
| 2. borax | component of Calgon's LCS-60 corrosion inhibitor |
| 3. tolytriazole | component of Calgon's LCS-60 corrosion inhibitor |
| 4. potassium hydroxide | added to adjust pH |
| 5. glutaraldehyde | biocide (Calgon's H 300) |
| 6. isothiazolone | (under evaluation as a biocide, Calgon's H 510) |

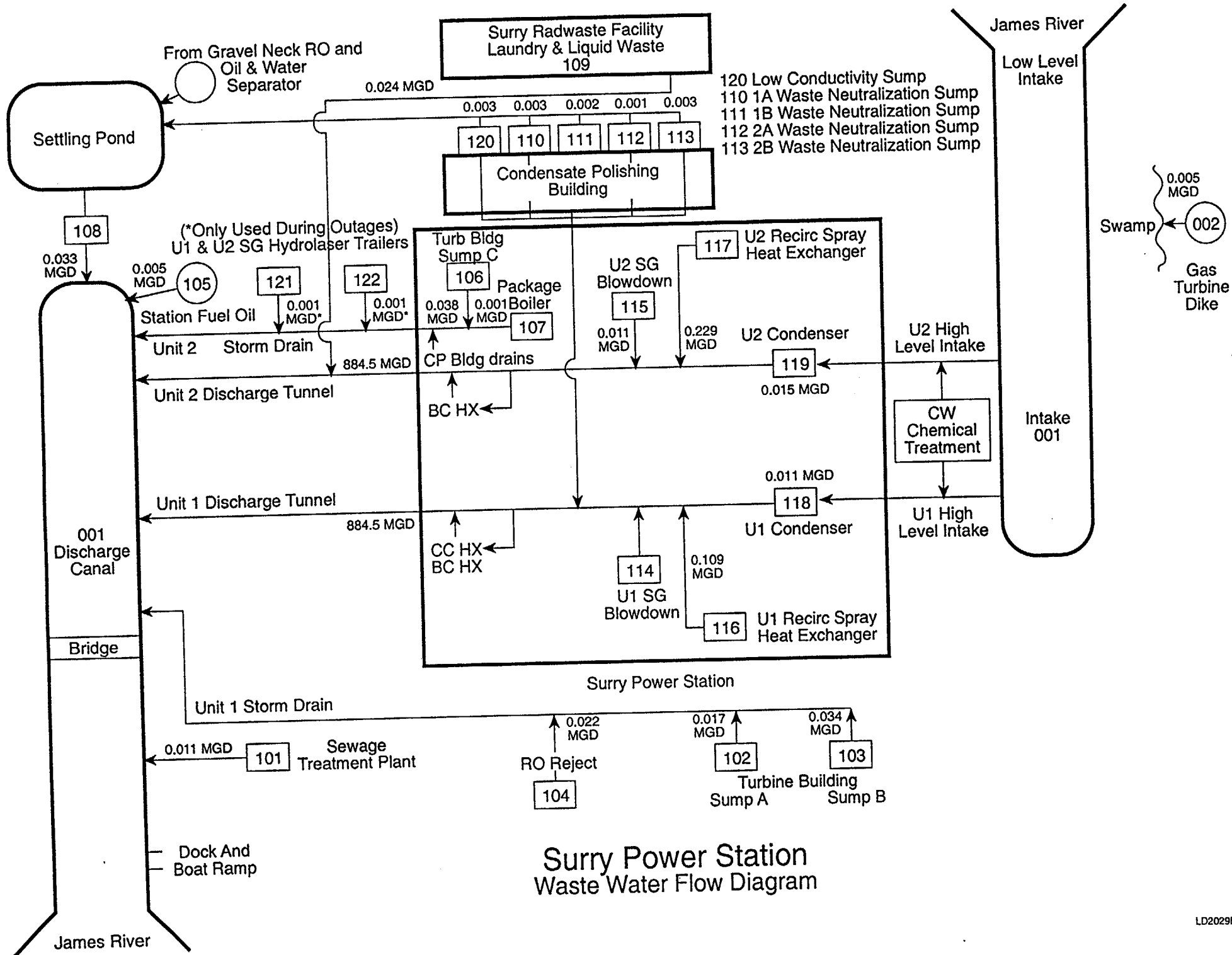
IV. Chemicals added to the component cooling system (not expected to reach the environment-but have some slight potential to appear in discharges during events such as heat exchanger tube leaks, spills, etc.)

- | | |
|-------------------------|---|
| 1. potassium hydroxide | (pH control-already listed above) |
| 2. potassium chromate | (corrosion inhibitor-currently added) |
| 3. potassium dichromate | (corrosion inhibitor-currently added) |
| 4. sodium nitrite | (under evaluation as a chromate substitute-already listed above) |
| 5. tolytriazole | (under evaluation as a chromate substitute-yellow metal corrosion inhibitor-already listed above) |
| 6. 45% glutaraldehyde | (biocide under evaluation as a chromate substitute-see III, 5. above) |
| 7. isothiazolone | (under evaluation as a biocide, Calgon's H 510) |
| 8. sodium tetraborate | (under evaluation as a chromate substitute) |

The above chemicals may appear in the internal discharges at very low concentrations, generally in concentrations calculated to be below detection levels. All would be well below detection levels at the final station discharge, Outfall 001.

Periodically, checks for condenser leaks may be performed using uranine yellow dye (disodium fluorescein) as an indicator. Concentrations used are in a range that would be perceptible only under UV light and would not be otherwise apparent in the cooling water discharge.

Hydrazine may appear in the internal discharge at the outfall from the Settling Pond (Outfall 101) in a theoretical concentration of up to 96 ppm, based on calculations from the concentrations possibly present in the sumps that discharge to the Settling Pond. The actual concentration of hydrazine at this point will be less due to natural decomposition in an environment with mixing and oxygen availability. Hydrazine concentrations at the Outfall 001 discharge will remain below the level of detection.



**SURRY POWER STATION-OUTFALL DESCRIPTIONS
AND SAMPLING POINTS**

OUTFALL	DESCRIPTION	SAMPLE POINT	
001	Circulating Cooling Water	boat ramp	
002	Gas Turbine Dike	berm (dip)	
101	Sewage Treatment Plant	final effluent	
102	Turbine Building sump A	sump (dip)	
103	Turbine Building sump B	sump (dip)	
104	RO Reject Water	grab sample prior to drain	
105	Station Oil Dike	sample from berm (dip)	
106	Turbine Building sump C	sump (dip)	
107	Package Boiler	sample tap-Pkg. B Room	
108	Settling Pond	final effluent weir	
109	Radwaste Facility	sample tap-SRF Lab	
110	1A Waste Neut. Sump	sump (dip)	
111	1B Waste Neut. Sump	sump (dip)	
112	2A Waste Neut. Sump	sump (dip)	
113	2B Waste Neut. Sump	sump (dip)	
114	U1 SG blowdown	U1 SG sample tap	
115	U2 SG blowdown	U2 SG sample tap	
116	U1 Recirc. Spray Heat Ex.	high level screen (dip)	
117	U2 Recirc. Spray Heat Ex.	high level screen (dip)	
118	U1 Condenser	U1 condensate sample tap	
119	U2 Condenser	U2 condensate sample tap	
120	Low Conductivity Sump	sump (dip)	
121	U1 SG Hydrolaser Trailer	hydrolaser trailer	
122	U2 SG Hydrolaser Trailer	hydrolaser trailer	

DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER DIVISION
PERMIT APPLICATION FEE

N 17661

INSTRUCTIONS

Applicants for individual Virginia Pollutant Discharge Elimination System (VPDES), Virginia Pollution Abatement (VPA), Virginia Water Protection (VWP), Surface Water Withdrawal (SWW), and Ground Water Withdrawal (GWW) Permits are required to pay permit application fees except farming operations engaged in production for market. Fees are also required for registration for coverage under General Permits except for the general permits for sewage treatment systems with discharges of 1,000 gallons per day (GPD) or less and for Corrective Action Plans for leaking underground storage tanks. Except for VWP permits, fees must be paid when applications for permit issuance, reissuance or modification are submitted. Applicants for VWP permits will be notified by the DEQ of the fee due. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

The permit fee schedule can be found on the back of this form. Fees for permit issuance or reissuance and for permit modification are included. Once you have determined the fee for the type of application you are submitting, complete this form. The white and yellow copies of the form and your check or money order payable to "Commonwealth of Virginia--DEQ" should be mailed to the Department of Environmental Quality, Receipts Control, P.O. Box 10150, Richmond, VA 23240. The pink copy of the form and a copy of your check or money order should accompany the permit application. The gold copy is for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

APPLICANT NAME: DOMINION GENERATION SSN/FIN: N/A
ADDRESS: PAMELA F. FAGGERT DAYTIME PHONE: (804) 273-3467
5000 DOMINION BLVD. Area Code
GLEN ALLEN, VA 23060
FACILITY/ACTIVITY NAME: SURRY POWER STATION
LOCATION: SURRY CO., VA
TYPE OF PERMIT APPLIED FOR (from Fee Schedule): VPDES INDUSTRIAL WATER
TYPE OF ACTION: _____ New Issuance X Reissuance _____ Modification _____
AMOUNT OF FEE SUBMITTED (from Fee Schedule): \$8,000.00
EXISTING PERMIT NUMBER (if applicable): VA 0004690

DEQ OFFICE TO WHICH APPLICATION SUBMITTED (check one)

☐ Abingdon/SWRO
☒ Richmond/PRO

☐ Bridgewater/VRO
☐ Richmond/Headquarters

☐ Killmarnock/KO
☐ Roanoke/WCRO

☐ Prince William/NRO
☐ Virginia Beach/TRO

FOR DEQ USE ONLY

Date: _____

DC #: _____

White and Yellow Copies - DEQ Accounting Office
Pink Copy - DEQ Regional or Permit Program Office
Gold Copy - Applicant

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
								PPH LB/DAY
BIOCHEMICAL OXYGEN DEMAND	<2	<38066.50193	.	.	.	.	1	PPH LB/DAY
CHEMICAL OXYGEN DEMAND	32	609064.03088	.	.	.	.	1	PPH LB/DAY
TOTAL ORGANIC CARBON	8.5	161782.633203	.	.	.	.	1	PPH LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	105.2	1693862.8326	62.9364	1051564.1894	33	PPH LB/DAY
AMMONIA, TOTAL	.	.	0.13	2474.3226	0.08	1429.851	3	PPH LB/DAY
FLOW	.	.	2282.46	.	2002.89619	.	32	MGD
TEMPERATURE (SUMMER)	36	.	.	.	.	.	1	DEGREES C
PH	.	.	7.05 (MIN)	7.42 (MAX)	N/A	N/A	65	STD. UNITS

PART B.

	MARK X		2. EFFLUENT				3. UNITS				
	BELIEVED	BELIEVED	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	PRESENT	ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
			34.5	656647.158293	.	.	.	.	1	PPM	LB/DAY
BROMIDE, TOTAL (24959-67-6)	_____	_____									
CHLORINE, TOTAL RESIDUAL	_____	_____X_____	NOT SAMPLED				NOT SAMPLED				
CAS=. SITE=001 MONTH=8 YEAR=2000 PARAMTR=COLOR FLOW=2280.797 _FREQ_=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=60 LTALOAD=. LTAONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSM=. UNITS=NTU INTAKEN=. INTAKEC= INTAKEMS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=656681.65829 I=. FILLIT= _ERROR_=											
									1	NTU	.
N=10 COLOR	_____	_____	60	N/A	.	.	.	.
FECAL COLIFORM	_____	_____X_____	NOT SAMPLED				NOT SAMPLED		1	PPM	LB/DAY
FLUORIDE (16984-48-8)	_____	_____	0.09	1712.99258685	.	.	.	.	1	PPM	LB/DAY
NITRATE + NITRITE	_____	_____	0.06	1141.9950579	.	.	.	.

CONTINUED FROM PAGE V2
1. POLLUTANT

EPA I.D. NUMBER= VA0004090

OUTFALL 001

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT	TESTING REQUIRED	BELIEVED PRESENT	ABSENT	A. MAXIMUM DAILY VALUE CONCENTRATION	A. MAXIMUM DAILY VALUE MASS	B. MAXIMUM 30 DAY VALUE CONCENTRATION	B. MAXIMUM 30 DAY VALUE MASS	C. LONG TERM AVRG. VALUE CONCENTRATION	C. LONG TERM AVRG. VALUE MASS	NO. OF ANALYSES	CONCENTRATION	MASS
POLLUTANT										1	PPH	LB/DAY
ANTIMONY, TOTAL (7440-36-0)	X			<0.002	<38.06650193	.	.	.	.	3	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	X			.	.	<0.003	<57.0998	<0.003	<52.0553	1	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	X			0.0002	3.806650193	.	.	.	.	3	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	X			.	.	<0.0003	<5.71	<0.0003	<5.2055	3	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	X			.	.	<0.003	<49.6314	<0.0017	<28.381	3	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	X			.	.	<0.011	<151.5982	<0.0057	<89.4811	6	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	X			.	.	0.004	66.1752	0.0027	46.5844	3	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	X			.	.	<0.0002	<3.8067	<0.0002	<3.4704	3	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	X			.	.	<0.005	<95.1663	<0.005	<86.7589	3	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	X			.	.	<0.003	<57.0998	<0.003	<52.0553	3	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	X			.	.	<0.0001	<1.9033	<0.0001	<1.7352	3	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	X			<0.002	<38.06650193	.	.	.	.	1	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	X			.	.	0.03	570.9975	0.0237	416.0816	3	PPH	LB/DAY
CYANIDE , TOTAL (0057-12-5)	X			.	.	<0.01	<165.438	<0.01	<162.9025	3	PPH	LB/DAY
PHENOLS , TOTAL	X			0.03	570.99752895	.	.	.	.	1	PPH	LB/DAY

PAGE V3

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

 MARK X
 TESTING BELIEVED BELIEVED
 REQUIRED PRESENT ABSENT

XCHS FRACTION - VOLATILE COMPOUNDS

						<0.0408	<674.9872	<0.0408	<673.6501	6	PPH	LB/DAY
ACROLEIN (0107-02-8)	<u>X</u>		<u>X</u>	.	.	<0.0015	<24.8157	<0.0015	<24.7665	6	PPH	LB/DAY
ACRYLONITRILE (0107-13-1)	<u>X</u>		<u>X</u>	.	.	<0.0044	<72.7927	<0.0044	<72.6485	6	PPH	LB/DAY
BENZENE (0071-43-2)	<u>X</u>		<u>X</u>	.	.	NOT SAMPLED			NOT SAMPLED			
BIS (CHLOROMETHYL) ETHER (542-88-1)						<0.0047	<77.7559	<0.0047	<77.6018	6	PPH	LB/DAY
BROMOFORM (0075-25-2)	<u>X</u>		<u>X</u>	.	.	<0.0028	<46.3227	<0.0028	<46.2309	6	PPH	LB/DAY
CARBON TETRACHLORIDE (0056-23-5)	<u>X</u>		<u>X</u>	.	.	<0.006	<99.2628	<0.006	<99.0662	6	PPH	LB/DAY
CHLOROBENZENE (0108-90-7)	<u>X</u>		<u>X</u>	.	.	<0.0031	<51.2858	<0.0031	<51.1842	6	PPH	LB/DAY
DIBROMOCHLOROMETHANE (0124-48-1)	<u>X</u>		<u>X</u>	.	.	<0.0011	<18.1982	<0.0011	<18.1621	6	PPH	LB/DAY
CHLOROETHANE (0075-00-3)	<u>X</u>		<u>X</u>	.	.	<0.0012	<19.8526	<0.0012	<19.8132	6	PPH	LB/DAY
2-CHLOROETHYL VINYL ETHER (0110-75-8)	<u>X</u>		<u>X</u>	.	.	<0.0016	<26.4701	<0.0016	<26.4176	6	PPH	LB/DAY
CHLOROFORM (0067-66-3)	<u>X</u>		<u>X</u>	.	.	<0.0022	<36.3964	<0.0022	<36.3243	6	PPH	LB/DAY
BROMODICHLOROMETHANE (0075-27-4)	<u>X</u>		<u>X</u>	.	.	<0.0047	<77.7559	<0.0047	<77.6018	6	PPH	LB/DAY
1,1-DICHLOROETHANE (0075-34-3)	<u>X</u>		<u>X</u>	.	.	<0.0028	<46.3227	<0.0028	<46.2309	6	PPH	LB/DAY
1,2-DICHLOROETHANE (0107-06-2)	<u>X</u>		<u>X</u>	.	.	<0.0028	<46.3227	<0.0028	<46.2309	6	PPH	LB/DAY
1,1-DICHLOROETHENE (0075-35-4)	<u>X</u>		<u>X</u>	.	.	<0.006	<99.2628	<0.006	<99.0662	6	PPH	LB/DAY
1,2-DICHLOROPROPANE (0078-87-5)	<u>X</u>		<u>X</u>	.	.	<0.0009	<14.8894	<0.0009	<14.8599	6	PPH	LB/DAY
TRANS-1,3-DICHLOROPROPENE (10061026)	<u>X</u>		<u>X</u>	.	.	<0.0072	<119.1154	<0.0072	<118.8794	6	PPH	LB/DAY
ETHYL BENZENE (0100-41-4)	<u>X</u>		<u>X</u>	.	.	<0.0014	<23.1613	<0.0014	<23.1154	6	PPH	LB/DAY
BROMOMETHANE (0074-83-9)	<u>X</u>		<u>X</u>	.	.	<0.0011	<18.1982	<0.0011	<18.1621	6	PPH	LB/DAY
CHLOROMETHANE (0074-87-3)	<u>X</u>		<u>X</u>	.	.							

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF CONCENTRATION MASS
ANALYSES

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCHS FRACTION - VOLATILE COMPOUNDS (CONT)

ETHYLENE CHLORIDE (0075-09-2)	<u>X</u>		<u>X</u>	.	.	<0.0028	<46.3227	<0.0028	<46.2309	6	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u>X</u>		<u>X</u>	.	.	<0.0069	<114.1522	<0.0069	<113.9261	6	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u>X</u>		<u>X</u>	.	.	<0.0041	<67.8296	<0.0041	<67.6952	6	PPH	LB/DAY
TOLUENE (0108-88-3)	<u>X</u>		<u>X</u>	.	.	<0.006	<99.2628	<0.006	<99.0662	6	PPH	LB/DAY
1,2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u>X</u>		<u>X</u>	.	.	<0.0016	<26.4701	<0.0016	<26.4176	6	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u>X</u>		<u>X</u>	.	.	<0.0038	<62.8665	<0.0038	<62.7419	6	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u>X</u>		<u>X</u>	.	.	<0.005	<82.719	<0.005	<82.5552	6	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u>X</u>		<u>X</u>	.	.	<0.0019	<31.4332	<0.0019	<31.371	6	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)						NOT SAMPLED		NOT SAMPLED				
VINYL CHLORIDE (0075-01-4)	<u>X</u>		<u>X</u>	.	.	<0.0018	<29.7788	<0.0018	<29.7199	6	PPH	LB/DAY

GCHS FRACTION - ACID COMPOUNDS

2-CHLOROPHENOL (0095-57-8)	<u>X</u>		<u>X</u>	.	.	<0.0033	<54.5946	<0.0033	<54.4864	6	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u>X</u>		<u>X</u>	.	.	<0.0056	<92.6453	<0.0056	<92.4618	6	PPH	LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u>X</u>		<u>X</u>	.	.	<0.0052	<86.0278	<0.0052	<85.8574	6	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u>X</u>		<u>X</u>	.	.	<0.024	<397.0513	<0.024	<396.2647	6	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u>X</u>		<u>X</u>	.	.	<0.042	<694.8398	<0.042	<693.4633	6	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u>X</u>		<u>X</u>	.	.	<0.0036	<59.5577	<0.0036	<59.4397	6	PPH	LB/DAY
4-NITROPHENOL (0100-02-7)	<u>X</u>		<u>X</u>	.	.	<0.0024	<39.7051	<0.0024	<39.6265	6	PPH	LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u>X</u>		<u>X</u>	.	.	<0.0075	<124.0785	<0.0075	<123.8327	6	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u>X</u>		<u>X</u>	.	.	<0.0036	<59.5577	<0.0036	<59.4397	6	PPH	LB/DAY
PHENOL (0108-95-2)	<u>X</u>		<u>X</u>	.	.	<0.0027	<44.6683	<0.0027	<44.5798	6	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u>X</u>		<u>X</u>	.	.	<0.0027	<44.6683	<0.0027	<44.5798	6	PPH	LB/DAY

2. EFFLUENT

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - BASE/NEUTRAL COMPOUNDS

ACENAPHTHENE (0083-32-9)	<u>X</u>		<u>X</u>	.	.	<0.003	<49.6314	<0.003	<49.5331	6	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u>X</u>		<u>X</u>	.	.	<0.0035	<57.9033	<0.0035	<57.7886	6	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u>X</u>		<u>X</u>	.	.	<0.0019	<31.4332	<0.0019	<31.371	6	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u>X</u>		<u>X</u>	.	.	<0.063	<1042.2596	<0.063	<1040.195	6	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u>X</u>		<u>X</u>	.	.	<0.0165	<272.9728	<0.0165	<272.432	6	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u>X</u>		<u>X</u>	.	.	<0.0048	<79.4103	<0.0048	<79.2529	6	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u>X</u>		<u>X</u>	.	.	<0.0041	<67.8296	<0.0041	<67.6952	6	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u>X</u>		<u>X</u>	.	.	<0.0053	<87.6822	<0.0053	<87.5085	6	PPH	LB/DAY
BIS(2-CHLOROETHYL)ETHER (0111-44-4)	<u>X</u>		<u>X</u>	.	.	<0.0057	<94.2997	<0.0057	<94.1129	6	PPH	LB/DAY
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
BUTYLBENZYLPHTHALATE (0085-68-7)	<u>X</u>		<u>X</u>	.	.	<0.003	<49.6314	<0.003	<49.5331	6	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u>X</u>		<u>X</u>	.	.	<0.0046	<76.1015	<0.0046	<75.9507	6	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u>X</u>		<u>X</u>	.	.	<0.0042	<69.484	<0.0042	<69.3463	6	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u>X</u>		<u>X</u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u>X</u>		<u>X</u>	.	.	<0.004	<66.1752	<0.004	<66.0441	6	PPH	LB/DAY
						<0.0031	<51.2858	<0.0031	<51.1842	6	PPH	LB/DAY

A. MAXIMUM DAILY VALUE				B. MAXIMUM 30 DAY VALUE		C. LONG TERM VALUE		NO. OF ANALYSES	CONCENTRATION		MASS	
CONCENTRATION		MASS		CONCENTRATION		MASS			CONCENTRATION			
MARK X												
TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT										
GCHS FRACTION - BASE/NEUTRAL COMP.(CONT)												
1,4-DICHLOROBENZENE (0106-46-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0044	<72.7927	<0.0044	<72.6485	6	PPH	LB/DAY
3,3PR-DICHLOROBENZIDINE (0091-94-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0078	<129.0417	<0.0078	<128.786	6	PPH	LB/DAY
DIETHYLPHTHALATE (0084-66-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0074	<122.4241	<0.0074	<122.1816	6	PPH	LB/DAY
DIMETHYL PHTHALATE (0131-11-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0075	<124.0785	<0.0075	<123.8327	6	PPH	LB/DAY
DI-N-BUTYLPHTHALATE (0084-74-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0064	<105.8803	<0.0064	<105.6706	6	PPH	LB/DAY
2,4-DINITROTOLUENE (0121-14-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0057	<94.2997	<0.0057	<94.1129	6	PPH	LB/DAY
2,6-DINITROTOLUENE (0606-20-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0034	<56.2489	<0.0034	<56.1375	6	PPH	LB/DAY
DI-N-OCTYLPHTHALATE (0117-84-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0025	<41.3595	<0.0025	<41.2776	6	PPH	LB/DAY
1,2-DIPHENYLHYDRAZINE (0122-66-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0088	<145.5855	<0.0088	<145.2971	6	PPH	LB/DAY
FLUORANTHENE (0206-44-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<36.3964	<0.0022	<36.3243	6	PPH	LB/DAY
FLUORENE (0086-73-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<36.3964	<0.0022	<36.3243	6	PPH	LB/DAY
HEXACHLOROBENZENE (0118-74-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0031	<51.2858	<0.0031	<51.1842	6	PPH	LB/DAY
HEXACHLOROBUTADIENE (0087-68-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0018	<29.7788	<0.0018	<29.7199	6	PPH	LB/DAY
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.02	<330.8761	<0.02	<330.2206	6	PPH	LB/DAY
HEXACHLOROETHANE (0067-72-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0024	<39.7051	<0.0024	<39.6265	6	PPH	LB/DAY
INDENO(1,2,3-CD)PYRENE (0193-39-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0037	<61.2121	<0.0037	<61.0908	6	PPH	LB/DAY
ISOPHORONE (0078-59-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0051	<84.3734	<0.0051	<84.2063	6	PPH	LB/DAY
NAPHTHALENE (0091-20-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0038	<62.8665	<0.0038	<62.7419	6	PPH	LB/DAY
NITROBENZENE (0098-95-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0042	<69.484	<0.0042	<69.3463	6	PPH	LB/DAY
N,N-NITROSODIMETHYLAMINE (0062-75-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0062	<102.5716	<0.0062	<102.3684	6	PPH	LB/DAY
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<59.5577	<0.0036	<59.4397	6	PPH	LB/DAY

EPA I.D. NUMBER= VA0004090

OUTFALL 001

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCHS FRACTION - BASE/NEUTRAL COMP (CONT)

N-NITROSODIPHENYLAMINE
(0086-30-6)
PHENANTHRENE
(0085-01-8)
PYRENE
(0129-00-0)
1,2,4-TRICHLORBENZENE
(0120-82-1)

 X X . .
 X X . .
 X X . .
 X X . .
 X X . .

<0.0027 <44.6683 <0.0027 <44.5798
<0.0054 <89.3365 <0.0054 <89.1596
<0.0038 <62.8665 <0.0038 <62.7419
<0.0079 <130.6961 <0.0079 <130.4371

6 PPH LB/DAY
6 PPH LB/DAY
6 PPH LB/DAY
6 PPH LB/DAY

EPA I.D. NUMBER= VA0004090

OUTFALL 001

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF CONCENTRATION MASS
ANALYSES

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - PESTICIDES (CONTINUED)

PCB 1242	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
(53469219)	_____	_____	<u> X </u>	.	.	<0.036	<595.5769	<0.036	<594.3971	6	PPH	LB/DAY
PCB 1254	_____	_____	<u> X </u>	.	.	<0.03	<496.3141	<0.03	<495.3309	6	PPH	LB/DAY
(11097691)	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
PCB 1221	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
(11104282)	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
PCB 1232	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
(11141165)	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
PCB 1248	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
(12672296)	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
PCB 1260	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
(11096825)	_____	_____	<u> X </u>	.	.	<0.05	<827.1902	<0.05	<825.5516	6	PPH	LB/DAY
PCB 1016	_____	_____	<u> X </u>	.	.							
(12674112)												

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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

3. UNITS

2. EFFLUENT

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF
ANALYSES

CONCENTRATION MASS

CONCENTRATION MASS

POLLUTANT

BIOCHEMICAL OXYGEN DEMAND	2.98	0.48741476	.	.	.	.	1	PPH LB/DAY
CHEMICAL OXYGEN DEMAND	26	4.252612	.	.	.	.	1	PPH LB/DAY
TOTAL ORGANIC CARBON	14.9	2.4370738	.	.	.	.	1	PPH LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<12.6	<1.9955	<7.863	<0.6472	27	PPH LB/DAY
AMMONIA, TOTAL	0.07	0.01144934	.	.	.	.	1	PPH LB/DAY
FLOW	.	.	0.0229	.	0.00965	.	26	MGD
TEMPERATURE (SUMMER)	29	.	.	.	.	.	1	DEGREES C
PH	.	.	6.02 (MIN)	6.26 (MAX)	N/A	N/A	27	STD. UNITS

PART B.

 MARK X
 BELIEVED BELIEVED
 PRESENT ABSENT

A. MAXIMUM DAILY VALUE

2. EFFLUENT
B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

3. UNITS

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

PPH

LB/DAY

BROMIDE, TOTAL
(24959-67-6)

<0.2 <0.0327124

CHLORINE, TOTAL RESIDUAL

NOT SAMPLED

NOT SAMPLED

CAS=. SITE=002 MONTH=8 YEAR=2000 PARAMTR=COLOR FLOW=0.0196 _FREQ_=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=60 LTALOAD=. LTACONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSH=. UNITS=NTU INTAKEN
 INTAKEC= INTAKENS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=0.2327124 I=. FILLIT= _ERROR_=0 _N_=146
 COLOR 60 N/A

FECAL COLIFORM

NOT SAMPLED

NOT SAMPLED

FLUORIDE
(16984-48-8)

0.058 0.009486596

NITRATE + NITRITE

<0.01 <0.00163562

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 002

1. POLLUTANT

A. MAXIMUM DAILY VALUE

2. EFFLUENT
B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

3. UNITS

POLLUTANT	HARK X BELIEVED BELIEVED PRESENT ABSENT		CONCENTRATION MASS		CONCENTRATION MASS		CONCENTRATION MASS		NO. OF ANALYSES	CONCENTRATION MASS	
NITROGEN, TOTAL ORG. AS N	_____	_____	0.5	0.081781	.	.	.	.	1	PPH	LB/DAY
OIL & GREASE	_____	_____	.	.	<5	<0.9555	<5	<0.418	27	PPH	LB/DAY
PHOSPHORUS (AS P), TOTAL	_____	_____	0.03	0.00490686	.	.	.	.	1	PPH	LB/DAY
(7723-14-0)	_____	_____									
J. RADIOACTIVITY	_____	_____	0.5	.	.	.	.	.	1	PPH	LB/DAY
ALPHA, TOTAL	_____	_____	3.4	.	.	.	.	.	1	PPH	LB/DAY
BETA, TOTAL	_____	_____	4.03	0.65915486	.	.	.	.	1	PPH	LB/DAY
SULFATE (AS SO4)	_____	_____	0.01	0.00163562	.	.	.	.	1	PPH	LB/DAY
SULFIDE (AS S)	_____	_____	0.048	0.007850976	.	.	.	.	1	PPH	LB/DAY
SURFACTANTS	_____	_____	0.84	0.13739208	.	.	.	.
ALUMINUM, TOTAL	_____	_____							1	PPH	LB/DAY
(7429-90-5)	_____	_____	0.027	0.004416174	.	.	.	.
BARIUM, TOTAL	_____	_____							1	PPH	LB/DAY
(7440-39-3)	_____	_____	<0.02	<0.00327124	.	.	.	.
BORON, TOTAL	_____	_____							1	PPH	LB/DAY
(7440-42-8)	_____	_____	<0.003	<0.000490686	.	.	.	.
COBALT, TOTAL	_____	_____							1	PPH	LB/DAY
(7440-48-4)	_____	_____	2.11	0.34511582	.	.	.	.
IRON, TOTAL	_____	_____							1	PPH	LB/DAY
(7439-89-6)	_____	_____	0.5	0.081781	.	.	.	.
MAGNESIUM, TOTAL	_____	_____							1	PPH	LB/DAY
(7439-95-4)	_____	_____	<0.001	<0.000163562	.	.	.	.
MOLYBDENUM, TOTAL	_____	_____							1	PPH	LB/DAY
(7439-98-7)	_____	_____	0.03	0.00490686	.	.	.	.
MANGANESE, TOTAL	_____	_____							1	PPH	LB/DAY
(7439-96-5)	_____	_____	<0.005	<0.00081781	.	.	.	.
TIN, TOTAL	_____	_____							1	PPH	LB/DAY
(7440-31-5)	_____	_____	<0.01	<0.00163562	.	.	.	.
TITANIUM, TOTAL	_____	_____									
(7440-32-6)	_____	_____									

EPA I.D. NUMBER= VA0004090

OUTFALL 002

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

ANTIMONY, TOTAL (7440-36-0)	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.000327124	.	.	.	.	1	PPM	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u> X </u>	<u> </u>	<u> </u>	0.04	0.00654248	.	.	.	.	1	PPM	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<0.0000327124	.	.	.	.	1	PPM	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u> X </u>	<u> </u>	<u> </u>	<0.0003	<0.0000490686	.	.	.	.	1	PPM	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u> X </u>	<u> </u>	<u> </u>	0.006	0.000981372	.	.	.	.	1	PPM	LB/DAY
COPPER, TOTAL (7440-50-8)	<u> X </u>	<u> </u>	<u> </u>	0.006	0.000981372	.	.	.	.	1	PPM	LB/DAY
LEAD, TOTAL (7439-92-1)	<u> X </u>	<u> </u>	<u> </u>	0.007	0.001144934	.	.	.	.	1	PPM	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<0.0000327124	.	.	.	.	1	PPM	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u> X </u>	<u> </u>	<u> </u>	0.02	0.00327124	.	.	.	.	1	PPM	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.000490686	.	.	.	.	1	PPM	LB/DAY
SILVER, TOTAL (7440-22-4)	<u> X </u>	<u> </u>	<u> </u>	<0.0001	<0.0000163562	.	.	.	.	1	PPM	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.000327124	.	.	.	.	1	PPM	LB/DAY
ZINC, TOTAL (7440-66-6)	<u> X </u>	<u> </u>	<u> </u>	0.054	0.008832348	.	.	.	.	1	PPM	LB/DAY
CYANIDE , TOTAL (0057-12-5)	<u> X </u>	<u> </u>	<u> </u>	<0.01	<0.00163562	.	.	.	.	1	PPM	LB/DAY
PHENOLS , TOTAL	<u> X </u>	<u> </u>	<u> </u>	0.21	0.03434802	.	.	.	.	1	PPM	LB/DAY

EPA I.D. NUMBER= VA0004090

OUTFALL 002

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS

67663

(0067-66-3)

X

X

4.26

0.69677412

.

.

.

.

1

PPH

LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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

3. UNITS

2. EFFLUENT

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF
ANALYSES

CONCENTRATION MASS

POLLUTANT

CHEMICAL OXYGEN DEMAND

TOTAL ORGANIC CARBON

TOTAL SUSPENDED SOLIDS

AMMONIA, TOTAL

FLOW

TEMPERATURE (SUMMER)

PH

26 3.081

26 3.081

4

PPH

LB/DAY

17.675 2.0945

17.675 2.0945

4

PPH

LB/DAY

10 1.185

2.7031 0.2429

32

PPH

LB/DAY

0.12 0.0142

0.12 0.0142

4

PPH

LB/DAY

0.0144 .

0.0103 .

32

MGD

.

26.62 .

26.62 .

4

DEGREES C

.

6.41 (MIN) 8.01 (MAX)

N/A N/A

63

STD. UNITS

.

PART B.

 MARK X
 BELIEVED
 PRESENT ABSENT

A. MAXIMUM DAILY VALUE

2. EFFLUENT

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

3. UNITS

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

BROMIDE, TOTAL
(24959-67-6)

. .

0.29

0.0344

0.29

0.0344

4

PPH

LB/DAY

CHLORINE, TOTAL RESIDUAL

. X

NOT SAMPLED

NOT SAMPLED

CAS=. SITE=101 MONTH=. YEAR=. PARAMTR=COLOR FLOW=. _FREQ_=4 SAMPLES=. MAXDAYLD=. MAXDAYCH=. LTALOAD=N/A LTACONC=22.5 MAX30LD=N/A MAX30CN=22.5 ORDER=13 UNITSM=. UNITS=NTU INTAKEN=

 INTAKEC= INTAKENS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I=. CHECK=0.6488 I=. FILLIT= _ERROR_=0 _N_=191
 COLOR . . 22.5 N/A 22.5 N/A 4 NTU .

FECAL COLIFORM

. X

NOT SAMPLED

NOT SAMPLED

FLUORIDE
(16984-48-8)

. .

1.2102

0.1434

1.2102

0.1434

4

PPH

LB/DAY

NITRATE + NITRITE

. .

6.1075

0.7237

6.1075

0.7237

4

PPH

LB/DAY

OUTFALL 101

A. MAXIMUM DAILY VALUE

2. EFFLUENT

B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

3. UNITS

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

POLLUTANT

NITROGEN, TOTAL ORG. AS N
OIL & GREASE
PHOSPHORUS (AS P), TOTAL
(7723-14-0)

J. RADIOACTIVITY					<1.275	.	<1.275	.	4	PPH	LB/DAY
ALPHA, TOTAL	_____	_____	.	.	14.95	.	14.95	.	4	PPH	LB/DAY
BETA, TOTAL	_____	_____	.	.	10.97	1.2999	10.97	1.2999	4	PPH	LB/DAY
SULFATE (AS SO ₄)	_____	_____	.	.	<0.01	<0.0012	<0.01	<0.0012	4	PPH	LB/DAY
SULFIDE (AS S)	_____	_____	.	.	0.0903	0.0107	0.0903	0.0107	4	PPH	LB/DAY
SURFACTANTS	_____	_____	.	.	<0.2625	<0.0311	<0.2625	<0.0311	4	PPH	LB/DAY
ALUMINUM,TOTAL (7429-90-5)	_____	_____	.	.	0.0135	0.0016	0.0135	0.0016	4	PPH	LB/DAY
BARIUM,TOTAL (7440-39-3)	_____	_____	.	.	0.4225	0.0501	0.4225	0.0501	4	PPH	LB/DAY
BORON,TOTAL (7440-42-8)	_____	_____	.	.	<0.003	<0.0004	<0.003	<0.0004	4	PPH	LB/DAY
COBALT,TOTAL (7440-48-4)	_____	_____	.	.	0.525	0.0622	0.525	0.0622	4	PPH	LB/DAY
IRON,TOTAL (7439-89-6)	_____	_____	.	.	1.6775	0.1988	1.6775	0.1988	4	PPH	LB/DAY
MAGNESIUM,TOTAL (7439-95-4)	_____	_____	.	.	0.001	0.0001	0.001	0.0001	4	PPH	LB/DAY
MOLYBDENUM,TOTAL (7439-98-7)	_____	_____	.	.	<0.02	<0.0024	<0.02	<0.0024	4	PPH	LB/DAY
MANGANESE,TOTAL (7439-96-5)	_____	_____	.	.	<0.005	<0.0006	<0.005	<0.0006	4	PPH	LB/DAY
TIN,TOTAL (7440-31-5)	_____	_____	.	.	<0.01	<0.0012	<0.01	<0.0012	4	PPH	LB/DAY
TITANIUM,TOTAL (7440-32-6)	_____	_____	.	.							

PAGE V2

CONTINUED FROM PAGE V2
1. POLLUTANT

EPA I.D. NUMBER= VA0004090

OUTFALL 101

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

						<0.0023	<0.0003	<0.0023	<0.0003	4	PPH	LB/DAY
ANTIMONY, TOTAL (7440-36-0)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.003	<0.0004	<0.003	<0.0004	4	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0002	.	<0.0002	.	4	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0003	.	<0.0003	.	4	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.001	<0.0001	<0.001	<0.0001	4	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u> X </u>	<u> </u>	<u> </u>	.	.	0.0123	0.0015	0.0123	0.0015	4	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0015	<0.0002	<0.0015	<0.0002	4	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0002	.	<0.0002	.	4	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.005	<0.0006	<0.005	<0.0006	4	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.003	<0.0004	<0.003	<0.0004	4	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0013	<0.0002	<0.0013	<0.0002	4	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.002	<0.0002	<0.002	<0.0002	4	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u> X </u>	<u> </u>	<u> </u>	.	.	0.0663	0.0079	0.0663	0.0079	4	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.01	<0.0012	<0.01	<0.0012	4	PPH	LB/DAY
CYANIDE , TOTAL (0057-12-5)	<u> X </u>	<u> </u>	<u> </u>	.	.	0.06	0.0071	0.06	0.0071	4	PPH	LB/DAY
PHENOLS , TOTAL	<u> X </u>	<u> </u>	<u> </u>	.	.							

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

 MARK X
 TESTING BELIEVED BELIEVED
 REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS

ACROLEIN (0107-02-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0408	<0.0048	<0.0408	<0.0048	2	PPH	LB/DAY
ACRYLONITRILE (0107-13-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0015	<0.0002	<0.0015	<0.0002	2	PPH	LB/DAY
BENZENE (0071-43-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0044	<0.0005	<0.0044	<0.0005	2	PPH	LB/DAY
BIS (CHLOROMETHYL) ETHER (542-88-1)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
BROMOFORM (0075-25-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0047	<0.0006	<0.0047	<0.0006	2	PPH	LB/DAY
CARBON TETRACHLORIDE (0056-23-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0003	<0.0028	<0.0003	2	PPH	LB/DAY
CHLOROBENZENE (0108-90-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.006	<0.0007	<0.006	<0.0007	2	PPH	LB/DAY
DIBROMOCHLOROMETHANE (0124-48-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0031	<0.0004	<0.0031	<0.0004	2	PPH	LB/DAY
CHLOROETHANE (0075-00-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0011	<0.0001	<0.0011	<0.0001	2	PPH	LB/DAY
2-CHLOROETHYL VINYL ETHER (0110-75-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0012	<0.0001	<0.0012	<0.0001	2	PPH	LB/DAY
CHLOROFORM (0067-66-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<320.8908	<38.0252	<320.8908	<38.0252	4	PPH	LB/DAY
BROMODICHLOROMETHANE (0075-27-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0003	<0.0022	<0.0003	2	PPH	LB/DAY
1,1-DICHLOROETHANE (0075-34-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0047	<0.0006	<0.0047	<0.0006	2	PPH	LB/DAY
1,2-DICHLOROETHANE (0107-06-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0003	<0.0028	<0.0003	2	PPH	LB/DAY
1,1-DICHLOROETHENE (0075-35-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0003	<0.0028	<0.0003	2	PPH	LB/DAY
1,2-DICHLOROPROPANE (0078-87-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.006	<0.0007	<0.006	<0.0007	2	PPH	LB/DAY
TRANS-1,3-DICHLOROPROPENE (10061026)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0009	<0.0001	<0.0009	<0.0001	2	PPH	LB/DAY
ETHYL BENZENE (0100-41-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0072	<0.0009	<0.0072	<0.0009	2	PPH	LB/DAY
BROMOMETHANE (0074-83-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0014	<0.0002	<0.0014	<0.0002	2	PPH	LB/DAY
CHLOROMETHANE (0074-87-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0011	<0.0001	<0.0011	<0.0001	2	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE				B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
MARK X TESTING BELIEVED BELIEVED REQUIRED PRESENT ABSENT										
GCHS FRACTION - VOLATILE COMPOUNDS (CONT										
METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0003	<0.0028	<0.0003	2 PPM LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0069	<0.0008	<0.0069	<0.0008	2 PPM LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0041	<0.0005	<0.0041	<0.0005	2 PPM LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.006	<0.0007	<0.006	<0.0007	2 PPM LB/DAY
1 2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0016	<0.0002	<0.0016	<0.0002	2 PPM LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0038	<0.0005	<0.0038	<0.0005	2 PPM LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.005	<0.0006	<0.005	<0.0006	2 PPM LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0019	<0.0002	<0.0019	<0.0002	2 PPM LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED		
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0018	<0.0002	<0.0018	<0.0002	2 PPM LB/DAY
GCHS FRACTION - ACID COMPOUNDS										
2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0033	<0.0004	<0.0033	<0.0004	2 PPM LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0056	<0.0007	<0.0056	<0.0007	2 PPM LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0052	<0.0006	<0.0052	<0.0006	2 PPM LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.024	<0.0028	<0.024	<0.0028	2 PPM LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.042	<0.005	<0.042	<0.005	2 PPM LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<0.0004	<0.0036	<0.0004	2 PPM LB/DAY
4-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0024	<0.0003	<0.0024	<0.0003	2 PPM LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0075	<0.0009	<0.0075	<0.0009	2 PPM LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<0.0004	<0.0036	<0.0004	2 PPM LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0027	<0.0003	<0.0027	<0.0003	2 PPM LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0027	<0.0003	<0.0027	<0.0003	2 PPM LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - BASE/NEUTRAL COMPOUNDS

ACENAPHTHENE (0083-32-9)	<u>X</u>	_____	<u>X</u>	.	.	<0.003	<0.0004	<0.003	<0.0004	2	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u>X</u>	_____	<u>X</u>	.	.	<0.0035	<0.0004	<0.0035	<0.0004	2	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u>X</u>	_____	<u>X</u>	.	.	<0.0019	<0.0002	<0.0019	<0.0002	2	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u>X</u>	_____	<u>X</u>	.	.	<0.063	<0.0075	<0.063	<0.0075	2	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u>X</u>	_____	<u>X</u>	.	.	<0.0165	<0.002	<0.0165	<0.002	2	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u>X</u>	_____	<u>X</u>	.	.	<0.0025	<0.0003	<0.0025	<0.0003	2	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u>X</u>	_____	<u>X</u>	.	.	<0.0048	<0.0006	<0.0048	<0.0006	2	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u>X</u>	_____	<u>X</u>	.	.	<0.0041	<0.0005	<0.0041	<0.0005	2	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u>X</u>	_____	<u>X</u>	.	.	<0.0025	<0.0003	<0.0025	<0.0003	2	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u>X</u>	_____	<u>X</u>	.	.	<0.0053	<0.0006	<0.0053	<0.0006	2	PPH	LB/DAY
BIS(2-CHLOROETHYL)ETHER (0111-44-4)	<u>X</u>	_____	<u>X</u>	.	.	<0.0057	<0.0007	<0.0057	<0.0007	2	PPH	LB/DAY
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)						NOT SAMPLED	NOT SAMPLED	NOT SAMPLED				
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u>X</u>	_____	<u>X</u>	.	.	<0.0025	<0.0003	<0.0025	<0.0003	2	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u>X</u>	_____	<u>X</u>	.	.	<0.003	<0.0004	<0.003	<0.0004	2	PPH	LB/DAY
BUTYLBENZYLPHTHALATE (0085-68-7)	<u>X</u>	_____	<u>X</u>	.	.	<0.0025	<0.0003	<0.0025	<0.0003	2	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u>X</u>	_____	<u>X</u>	.	.	<0.0046	<0.0005	<0.0046	<0.0005	2	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u>X</u>	_____	<u>X</u>	.	.	<0.0042	<0.0005	<0.0042	<0.0005	2	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u>X</u>	_____	<u>X</u>	.	.	<0.0025	<0.0003	<0.0025	<0.0003	2	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u>X</u>	_____	<u>X</u>	.	.	<0.004	<0.0005	<0.004	<0.0005	2	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u>X</u>	_____	<u>X</u>	.	.	<0.0031	<0.0004	<0.0031	<0.0004	2	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u>X</u>	_____	<u>X</u>	.	.							

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION		MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS
	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT							
GCMS FRACTION - BASE/NEUTRAL COMP.(CONT)										
1,4-DICHLOROBENZENE (0106-46-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0044	<0.0005	2	PPH	LB/DAY
3,3PR-DICHLOROBENZIDINE (0091-94-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0078	<0.0009	2	PPH	LB/DAY
DIETHYLPHTHALATE (0084-66-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0074	<0.0009	2	PPH	LB/DAY
DIMETHYL PHTHALATE (0131-11-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0075	<0.0009	2	PPH	LB/DAY
DI-N-BUTYLPHTHALATE (0084-74-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0064	<0.0008	2	PPH	LB/DAY
2,4-DINITROTOLUENE (0121-14-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0057	<0.0007	2	PPH	LB/DAY
2,6-DINITROTOLUENE (0606-20-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0034	<0.0004	2	PPH	LB/DAY
DI-N-OCTYLPHTHALATE (0117-84-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0025	<0.0003	2	PPH	LB/DAY
1,2-DIPHENYLHYDRAZINE (0122-66-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0088	<0.001	2	PPH	LB/DAY
FLUORANTHENE (0206-44-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0003	2	PPH	LB/DAY
FLUORENE (0086-73-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0003	2	PPH	LB/DAY
HEXACHLOROBENZENE (0118-74-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0031	<0.0004	2	PPH	LB/DAY
HEXACHLOROBUTADIENE (0087-68-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0018	<0.0002	2	PPH	LB/DAY
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.02	<0.0024	2	PPH	LB/DAY
HEXACHLOROETHANE (0067-72-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0024	<0.0003	2	PPH	LB/DAY
INDENO(1,2,3-CD)PYRENE (0193-39-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0037	<0.0004	2	PPH	LB/DAY
ISOPHORONE (0078-59-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0051	<0.0006	2	PPH	LB/DAY
NAPHTHALENE (0091-20-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0038	<0.0005	2	PPH	LB/DAY
NITROBENZENE (0098-95-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0042	<0.0005	2	PPH	LB/DAY
N,N-NITROSODIMETHYLAMINE (0062-75-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0062	<0.0007	2	PPH	LB/DAY
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<0.0004	2	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

 MARK X
 TESTING BELIEVED BELIEVED
 REQUIRED PRESENT ABSENT

GCMS FRACTION - BASE/NEUTRAL COMP (CONT)

N-NITROSODIPHENYLAMINE (0086-30-6)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0027	<0.0003	<0.0027	<0.0003	2	PPH	LB/DAY
PHENANTHRENE (0085-01-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0054	<0.0006	<0.0054	<0.0006	2	PPH	LB/DAY
PYRENE (0129-00-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0038	<0.0005	<0.0038	<0.0005	2	PPH	LB/DAY
1,2,4-TRICHLORBENZENE (0120-82-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0079	<0.0009	<0.0079	<0.0009	2	PPH	LB/DAY

GCMS FRACTION - PESTICIDES

ALDRIN (0309-00-2)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0019	<0.0002	<0.0019	<0.0002	2	PPH	LB/DAY
ALPHA BHC (0319-84-6)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0031	<0.0004	<0.0031	<0.0004	2	PPH	LB/DAY
BETA BHC (0319-85-7)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0042	<0.0005	<0.0042	<0.0005	2	PPH	LB/DAY
GAMMA BHC (0058-89-9)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0003	<0.0022	<0.0003	2	PPH	LB/DAY
DELTA BHC (0319-86-8)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0052	<0.0006	<0.0052	<0.0006	2	PPH	LB/DAY
CHLORDANE (0057-74-9)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.01	<0.0012	<0.01	<0.0012	2	PPH	LB/DAY
4,4PR-DDT (0050-29-3)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0051	<0.0006	<0.0051	<0.0006	2	PPH	LB/DAY
4,4PR-DDE (0072-55-9)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0056	<0.0007	<0.0056	<0.0007	2	PPH	LB/DAY
4,4PR-DDD (0072-54-8)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0041	<0.0005	<0.0041	<0.0005	2	PPH	LB/DAY
DIELDRIN (0060-57-1)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0044	<0.0005	<0.0044	<0.0005	2	PPH	LB/DAY
ALPHA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0617	<0.0073	<0.0617	<0.0073	2	PPH	LB/DAY
BETA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0803	<0.0095	<0.0803	<0.0095	2	PPH	LB/DAY
ENDOSULFAN SULFATE (1031-07-8)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0056	<0.0007	<0.0056	<0.0007	2	PPH	LB/DAY
ENDRIN (0072-20-8)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0056	<0.0007	<0.0056	<0.0007	2	PPH	LB/DAY
ENDRIN ALDEHYDE (7421-93-4)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.065	<0.0077	<0.065	<0.0077	2	PPH	LB/DAY
HEPTACHLOR (0076-44-8)	<u> </u>	<u> </u>	<u> X </u>	.	.	<0.0043	<0.0005	<0.0043	<0.0005	2	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCHS FRACTION - PESTICIDES (CONTINUED)

	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT									
HEPTACHLOR EPOXIDE (1025-57-3)	_____	_____	X	.	.	<0.0022	<0.0003	<0.0022	<0.0003	2	PPH	LB/DAY
PCB 1242 (53469219)	_____	_____	X	.	.	<0.05	<0.0059	<0.05	<0.0059	2	PPH	LB/DAY
PCB 1254 (11097691)	_____	_____	X	.	.	<0.036	<0.0043	<0.036	<0.0043	2	PPH	LB/DAY
PCB 1221 (11104282)	_____	_____	X	.	.	<0.03	<0.0036	<0.03	<0.0036	2	PPH	LB/DAY
PCB 1232 (11141165)	_____	_____	X	.	.	<0.05	<0.0059	<0.05	<0.0059	2	PPH	LB/DAY
PCB 1248 (12672296)	_____	_____	X	.	.	<0.05	<0.0059	<0.05	<0.0059	2	PPH	LB/DAY
PCB 1260 (11096825)	_____	_____	X	.	.	<0.05	<0.0059	<0.05	<0.0059	2	PPH	LB/DAY
PCB 1016 (12674112)	_____	_____	X	.	.	<0.05	<0.0059	<0.05	<0.0059	2	PPH	LB/DAY
TOXAPHENE (8001-35-2)	_____	_____	X	.	.	<0.05	<0.0059	<0.05	<0.0059	2	PPH	LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT				3. UNITS				
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BIOCHEMICAL OXYGEN DEMAND	2.86	0.18616026	.	.	.	.	1	PPH	LB/DAY
CHEMICAL OXYGEN DEMAND	<5	<0.325455	.	.	.	.	1	PPH	LB/DAY
TOTAL ORGANIC CARBON	13.6	0.8852376	.	.	.	.	1	PPH	LB/DAY
TOTAL SUSPENDED SOLIDS	<4	<0.260364	.	.	.	.	1	PPH	LB/DAY
AMMONIA, TOTAL	3.82	0.24864762	.	.	.	.	1	PPH	LB/DAY
FLOW	.	.	0.0156	.	0.00804375	.	32	MGD	.
TEMPERATURE (SUMMER)	34.1	.	.	.	.	.	1	DEGREES C	.
PH	.	.	6.39 (MIN)	7.72 (MAX)	N/A	N/A	33	STD. UNITS	.

PART B.

	MARK X				2. EFFLUENT				3. UNITS	
	BELIEVED PRESENT	BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE			
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
BROMIDE, TOTAL (24959-67-6)	_____	_____	0.48	0.03124368	.	.	.	.	1	PPH LB/DAY
CHLORINE, TOTAL RESIDUAL	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED		.	.	1	PPH LB/DAY
FLUORIDE (16984-48-8)	_____	_____	0.054	0.003514914	.	.	.	.	1	PPH LB/DAY
NITRATE + NITRITE	_____	_____	0.05	0.00325455	.	.	.	.	1	PPH LB/DAY

OUTFALL 102

2. EFFLUENT

B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

NO. OF ANALYSES	CONCENTRATION	MASS
-----------------	---------------	------

POLLUTANT

2.38	0.15491658
.	.
0.01	0.00065091

<5

<5 <0.6509

<5 <0.3356

1

32

32

PPM

PPM

PPH
DDM**LB/DAY****LB/DAY**

1.8/DAY

PHOSPHORUS (AS P₂O₅) 15.00%
(7723-14-0)

J. RADIOACTIVITY				1	PPM	LB/DAY
ALPHA, TOTAL	_____	_____	<0.8	.	.	.
BETA, TOTAL	_____	_____	<1.1	.	.	.
RADIUM, TOTAL	_____	_____	0.5	0.0325455	.	.
RADIUM 226, TOTAL	_____	_____	0.3	0.0195273	.	.
SULFATE (AS SO ₄)	_____	_____	3.92	0.25515672	.	.
SULFIDE (AS S)	_____	_____	<0.01	<0.00065091	.	.
SURFACTANTS	_____	_____	<0.025	<0.001627275	.	.
ALUMINUM, TOTAL	_____	_____	<0.2	<0.0130182	.	.
(7429-90-5)						
BARIUM, TOTAL	_____	_____	0.003	0.000195273	.	.
(7440-39-3)						
BORON, TOTAL	_____	_____	<0.02	<0.00130182	.	.
(7440-42-8)						
COBALT, TOTAL	_____	_____	<0.003	<0.000195273	.	.
(7440-48-4)						
IRON, TOTAL	_____	_____	0.1	0.0065091	.	.
(7439-89-6)						
MAGNESIUM, TOTAL	_____	_____	1.3	0.0846183	.	.
(7439-95-4)						
MOLYBDENUM, TOTAL	_____	_____	<0.001	<0.000065091	.	.
(7439-98-7)						
MANGANESE, TOTAL	_____	_____	<0.02	<0.00130182	.	.
(7439-96-5)						
TIN, TOTAL	_____	_____	<0.005	<0.000325455	.	.
(7440-31-5)						
TITANIUM, TOTAL	_____	_____	<0.01	<0.00065091	.	.
(7440-32-6)						

CONTINUED FROM PAGE V2

EPA I.D. NUMBER= VA0004090

OUTFALL 102

2. EFFLUENT

3. UNITS

1. POLLUTANT

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

POLLUTANT	TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
ANTIMONY, TOTAL (7440-36-0)	<u>X</u>			<0.002	<0.000130182	.	.	.	.	1	PPM	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u>X</u>			<0.003	<0.000195273	.	.	.	.	1	PPM	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u>X</u>			<0.0002	<0.0000130182	.	.	.	.	1	PPM	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u>X</u>			<0.0003	<0.0000195273	.	.	.	.	1	PPM	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u>X</u>			<0.001	<0.000065091	.	.	.	.	1	PPM	LB/DAY
COPPER, TOTAL (7440-50-8)	<u>X</u>			0.006	0.000390546	.	.	.	.	1	PPM	LB/DAY
LEAD, TOTAL (7439-92-1)	<u>X</u>			<0.001	<0.000065091	.	.	.	.	1	PPM	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u>X</u>			<0.0002	<0.0000130182	.	.	.	.	1	PPM	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u>X</u>			<0.005	<0.000325455	.	.	.	.	1	PPM	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u>X</u>			0.004	0.000260364	.	.	.	.	1	PPM	LB/DAY
SILVER, TOTAL (7440-22-4)	<u>X</u>			0.0002	0.0000130182	.	.	.	.	1	PPM	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u>X</u>			<0.002	<0.000130182	.	.	.	.	1	PPM	LB/DAY
ZINC, TOTAL (7440-66-6)	<u>X</u>			0.031	0.002017821	.	.	.	.	1	PPM	LB/DAY
CYANIDE, TOTAL (0057-12-5)	<u>X</u>			<0.01	<0.00065091	.	.	.	.	1	PPM	LB/DAY
PHENOLS, TOTAL	<u>X</u>			0.02	0.00130182	.	.	.	.	1	PPM	LB/DAY

PAGE V3

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS

ACROLEIN (0107-02-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0408	<0.0026557128	.	.	.	.	1	PPM	LB/DAY
ACRYLONITRILE (0107-13-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0015	<0.0000976365	.	.	.	.	1	PPM	LB/DAY
BENZENE (0071-43-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<0.0002864004	.	.	.	.	1	PPM	LB/DAY
BIS (CHLOROMETHYL) ETHER (542-88-1)				NOT SAMPLED				NOT SAMPLED				
BROMOFORM (0075-25-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.0003059277	.	.	.	.	1	PPM	LB/DAY
CARBON TETRACHLORIDE (0056-23-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0001822548	.	.	.	.	1	PPM	LB/DAY
CHLOROBENZENE (0108-90-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.000390546	.	.	.	.	1	PPM	LB/DAY
DIBROMOCHLOROMETHANE (0124-48-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.0002017821	.	.	.	.	1	PPM	LB/DAY
CHLOROETHANE (0075-00-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.0000716001	.	.	.	.	1	PPM	LB/DAY
2-CHLOROETHYL VINYL ETHER (0110-75-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0012	<0.0000781092	.	.	.	.	1	PPM	LB/DAY
CHLOROFORM (0067-66-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.0001041456	.	.	.	.	1	PPM	LB/DAY
BROMODICHLOROMETHANE (0075-27-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.0001432002	.	.	.	.	1	PPM	LB/DAY
1,1-DICHLOROETHANE (0075-34-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.0003059277	.	.	.	.	1	PPM	LB/DAY
1,2-DICHLOROETHANE (0107-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0001822548	.	.	.	.	1	PPM	LB/DAY
1,1-DICHLOROETHENE (0075-35-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0001822548	.	.	.	.	1	PPM	LB/DAY
1,2-DICHLOROPROPANE (0078-87-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.000390546	.	.	.	.	1	PPM	LB/DAY
TRANS-1,3-DICHLOROPROPENE (10061026)	<u> X </u>	<u> </u>	<u> X </u>	<0.0009	<0.0000585819	.	.	.	.	1	PPM	LB/DAY
ETHYL BENZENE (0100-41-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0072	<0.0004686552	.	.	.	.	1	PPM	LB/DAY
BROMOMETHANE (0074-83-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0014	<0.0000911274	.	.	.	.	1	PPM	LB/DAY
CHLOROMETHANE (0074-87-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.0000716001	.	.	.	.	1	PPM	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS (CONT

METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0001822548	.	.	.	.	1	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0069	<0.0004491279	.	.	.	.	1	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<0.0002668731	.	.	.	.	1	PPH	LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.000390546	.	.	.	.	1	PPH	LB/DAY
1 2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.0001041456	.	.	.	.	1	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0002473458	.	.	.	.	1	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.005	<0.000325455	.	.	.	.	1	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<0.0001236729	.	.	.	.	1	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)	<u> X </u>	<u> </u>	<u> X </u>	NOT SAMPLED	NOT SAMPLED				NOT SAMPLED	1	PPH	LB/DAY
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<0.0001171638	.	.	.	.	1	PPH	LB/DAY

GCMS FRACTION - ACID COMPOUNDS

2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0033	<0.0002148003	.	.	.	.	1	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0056	<0.0003645096	.	.	.	.	1	PPH	LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0052	<0.0003384732	.	.	.	.	1	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.024	<0.001562184	.	.	.	.	1	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.042	<0.002733822	.	.	.	.	1	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0002343276	.	.	.	.	1	PPH	LB/DAY
4-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<0.0001562184	.	.	.	.	1	PPH	LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<0.0004881825	.	.	.	.	1	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0002343276	.	.	.	.	1	PPH	LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0001757457	.	.	.	.	1	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0001757457	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - BASE/NEUTRAL COMPOUNDS

ACENAPHTHENE (0083-32-9)	<u>X</u>		<u>X</u>	<0.003	<0.000195273	.	.	.	.	1	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u>X</u>		<u>X</u>	<0.0035	<0.0002278185	.	.	.	.	1	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u>X</u>		<u>X</u>	<0.0019	<0.0001236729	.	.	.	.	1	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u>X</u>		<u>X</u>	<0.063	<0.004100733	.	.	.	.	1	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u>X</u>		<u>X</u>	<0.0165	<0.0010740015	.	.	.	.	1	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u>X</u>		<u>X</u>	<0.0025	<0.0001627275	.	.	.	.	1	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u>X</u>		<u>X</u>	<0.0048	<0.0003124368	.	.	.	.	1	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u>X</u>		<u>X</u>	<0.0041	<0.0002668731	.	.	.	.	1	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u>X</u>		<u>X</u>	<0.0025	<0.0001627275	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u>X</u>		<u>X</u>	<0.0053	<0.0003449823	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROETHYL)ETHER (0111-44-4)	<u>X</u>		<u>X</u>	<0.0057	<0.0003710187	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)				NOT SAMPLED	NOT SAMPLED			NOT SAMPLED				
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u>X</u>		<u>X</u>	<0.0025	<0.0001627275	.	.	.	.	1	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u>X</u>		<u>X</u>	<0.003	<0.000195273	.	.	.	.	1	PPH	LB/DAY
BUTYLBENZYLPHthalate (0085-68-7)	<u>X</u>		<u>X</u>	<0.0025	<0.0001627275	.	.	.	.	1	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u>X</u>		<u>X</u>	<0.0046	<0.0002994186	.	.	.	.	1	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u>X</u>		<u>X</u>	<0.0042	<0.0002733822	.	.	.	.	1	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u>X</u>		<u>X</u>	<0.0025	<0.0001627275	.	.	.	.	1	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u>X</u>		<u>X</u>	<0.0025	<0.0001627275	.	.	.	.	1	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u>X</u>		<u>X</u>	<0.004	<0.000260364	.	.	.	.	1	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u>X</u>		<u>X</u>	<0.0031	<0.0002017821	.	.	.	.	1	PPH	LB/DAY

C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

CONCENTRATION

MASS

PAGE V7

GCHS FRACTION - BASE/NEUTRAL COMP.(CONT)

GCMS FRACTION - BASE/NEUTRAL COMP. (CONT)								1	PPH	LB/DAY	
1,4-DICHLOROBENZENE (0106-46-7)	<u>X</u>	_____	<u>X</u>	<0.0044	<0.0002864004	.	.	.	1	PPH	LB/DAY
3,3PR-DICHLOROBENZIDINE (0091-94-1)	<u>X</u>	_____	<u>X</u>	<0.0078	<0.0005077098	.	.	.	1	PPH	LB/DAY
DIETHYLPHTHALATE (0084-66-2)	<u>X</u>	_____	<u>X</u>	<0.0074	<0.0004816734	.	.	.	1	PPH	LB/DAY
DIMETHYL PHTHALATE (0131-11-3)	<u>X</u>	_____	<u>X</u>	<0.0075	<0.0004881825	.	.	.	1	PPH	LB/DAY
DI-N-BUTYLPHTHALATE (0084-74-2)	<u>X</u>	_____	<u>X</u>	<0.0064	<0.0004165824	.	.	.	1	PPH	LB/DAY
2,4-DINITROTOLUENE (0121-14-2)	<u>X</u>	_____	<u>X</u>	<0.0057	<0.0003710187	.	.	.	1	PPH	LB/DAY
2,6-DINITROTOLUENE (0606-20-2)	<u>X</u>	_____	<u>X</u>	<0.0034	<0.0002213094	.	.	.	1	PPH	LB/DAY
DI-N-OCTYLPHTHALATE (0117-84-0)	<u>X</u>	_____	<u>X</u>	<0.0025	<0.0001627275	.	.	.	1	PPH	LB/DAY
1,2-DIPHENYLHYDRAZINE (0122-66-7)	<u>X</u>	_____	<u>X</u>	<0.0088	<0.0005728008	.	.	.	1	PPH	LB/DAY
FLUORANTHENE (0206-44-0)	<u>X</u>	_____	<u>X</u>	<0.0022	<0.0001432002	.	.	.	1	PPH	LB/DAY
FLUORENE (0086-73-7)	<u>X</u>	_____	<u>X</u>	<0.0022	<0.0001432002	.	.	.	1	PPH	LB/DAY
HEXACHLOROBENZENE (0118-74-1)	<u>X</u>	_____	<u>X</u>	<0.0031	<0.0002017821	.	.	.	1	PPH	LB/DAY
HEXACHLOROBUTADIENE (0087-68-3)	<u>X</u>	_____	<u>X</u>	<0.0018	<0.0001171638	.	.	.	1	PPH	LB/DAY
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	<u>X</u>	_____	<u>X</u>	<0.02	<0.00130182	.	.	.	1	PPH	LB/DAY
HEXACHLOROETHANE (0067-72-1)	<u>X</u>	_____	<u>X</u>	<0.0024	<0.0001562184	.	.	.	1	PPH	LB/DAY
INDENO(1,2,3-CD)PYRENE (0193-39-5)	<u>X</u>	_____	<u>X</u>	<0.0037	<0.0002408367	.	.	.	1	PPH	LB/DAY
ISOPHORONE (0078-59-1)	<u>X</u>	_____	<u>X</u>	<0.0051	<0.0003319641	.	.	.	1	PPH	LB/DAY
NAPHTHALENE (0091-20-3)	<u>X</u>	_____	<u>X</u>	<0.0038	<0.0002473458	.	.	.	1	PPH	LB/DAY
NITROBENZENE (0098-95-3)	<u>X</u>	_____	<u>X</u>	<0.0042	<0.0002733822	.	.	.	1	PPH	LB/DAY
N,N,NITROSODIMETHYLAMINE (0062-75-9)	<u>X</u>	_____	<u>X</u>	<0.0062	<0.0004035642	.	.	.	1	PPH	LB/DAY
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	<u>X</u>	_____	<u>X</u>	<0.0036	<0.0002343276	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION MASS CONCENTRATION MASS CONCENTRATION MASS NO. OF CONCENTRATION MASS
ANALYSES

GCMS FRACTION - BASE/NEUTRAL COMP (CONT)

N-NITROSODIPHENYLAMINE (0086-30-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0001757457	.	.	.	.	1	PPH	LB/DAY
PHENANTHRENE (0085-01-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0054	<0.0003514914	.	.	.	.	1	PPH	LB/DAY
PYRENE (0129-00-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0002473458	.	.	.	.	1	PPH	LB/DAY
1,2,4-TRICHLORBENZENE (0120-82-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0079	<0.0005142189	.	.	.	.	1	PPH	LB/DAY

GCMS FRACTION - PESTICIDES

ALDRIN (0309-00-2)	<u> </u>	<u> </u>	<u> X </u>	<0.0019	<0.0001236729	.	.	.	.	1	PPH	LB/DAY
ALPHA BHC (0319-84-6)	<u> </u>	<u> </u>	<u> X </u>	<0.0031	<0.0002017821	.	.	.	.	1	PPH	LB/DAY
BETA BHC (0319-85-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0042	<0.0002733822	.	.	.	.	1	PPH	LB/DAY
GAMMA BHC (0058-89-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0022	<0.0001432002	.	.	.	.	1	PPH	LB/DAY
DELTA BHC (0319-86-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0052	<0.0003384732	.	.	.	.	1	PPH	LB/DAY
CHLORDANE (0057-74-9)	<u> </u>	<u> </u>	<u> X </u>	<0.01	<0.00065091	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDT (0050-29-3)	<u> </u>	<u> </u>	<u> X </u>	<0.0051	<0.0003319641	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDE (0072-55-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.0003645096	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDD (0072-54-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0041	<0.0002668731	.	.	.	.	1	PPH	LB/DAY
DIELDRIN (0060-57-1)	<u> </u>	<u> </u>	<u> X </u>	<0.0044	<0.0002864004	.	.	.	.	1	PPH	LB/DAY
ALPHA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0617	<0.0040161147	.	.	.	.	1	PPH	LB/DAY
BETA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0803	<0.0052268073	.	.	.	.	1	PPH	LB/DAY
ENDOSULFAN SULFATE (1031-07-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.0003645096	.	.	.	.	1	PPH	LB/DAY
ENDRIN (0072-20-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.0003645096	.	.	.	.	1	PPH	LB/DAY
ENDRIN ALDEHYDE (7421-93-4)	<u> </u>	<u> </u>	<u> X </u>	<0.065	<0.004230915	.	.	.	.	1	PPH	LB/DAY
HEPTACHLOR (0076-44-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0043	<0.0002798913	.	.	.	.	1	PPH	LB/DAY

EPA I.D. NUMBER= VA0004090

OUTFALL 102

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - PESTICIDES (CONTINUED)

HEPTACHLOR EPOXIDE	_____	_____	<u> X </u>	<0.0022	<0.0001432002	.	.	.	.	1	PPH	LB/DAY
(1025-57-3)	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
PCB 1242	_____	_____	<u> X </u>	<0.036	<0.002343276	.	.	.	.	1	PPH	LB/DAY
(53469219)	_____	_____	<u> X </u>	<0.03	<0.00195273	.	.	.	.	1	PPH	LB/DAY
PCB 1254	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
(11097691)	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
PCB 1221	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
(11104282)	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
PCB 1232	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
(11141165)	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
PCB 1248	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
(12672296)	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
PCB 1260	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
(11096825)	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
PCB 1016	_____	_____	<u> X </u>	<0.05	<0.00325455	.	.	.	.	1	PPH	LB/DAY
(12674112)	_____	_____	<u> X </u>									
TOXAPHENE	_____	_____	<u> X </u>									
(8001-35-2)												

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
FLOW	.	.	0.0234	.	0.00853125	.	32	MGD .
PH	.	.	6.78 (MIN)	7.72 (MAX)	N/A	N/A	32	STD. UNITS .

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	B. MAXIMUM 30 DAY VALUE					
	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090

OUTFALL 103

1. POLLUTANT

A. MAXIMUM DAILY VALUE

2. EFFLUENT
B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

3. UNITS

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

CONCENTRATION MASS

CONCENTRATION MASS

CONCENTRATION MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

POLLUTANT

OIL & GREASE

<5

<0.9764

<5

<0.356

32

PPM

LB/DAY

PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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

3. UNITS

POLLUTANT	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS		
	A. MAXIMUM DAILY VALUE									
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS	
BIOCHEMICAL OXYGEN DEMAND	<2	<0.360504	.	.	.	.	1	PPH	LB/DAY
CHEMICAL OXYGEN DEMAND	<5	<0.90126	.	.	.	.	1	PPH	LB/DAY
TOTAL ORGANIC CARBON	1	0.180252	.	.	.	.	1	PPH	LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<1	<0.9013	<0.2207	<0.0677	29	PPH	LB/DAY	
AMMONIA, TOTAL	0.11	0.01982772	.	.	.	.	1	PPH	LB/DAY
FLOW	.	.	0.216	.	0.027675	.	32	MGD	.	
TEMPERATURE (SUMMER)	24	.	.	.	.	.	1	DEGREES C	.
PH	.	.	6.1 (MIN)	8.56 (MAX)	N/A	N/A	33	STD. UNITS	.	

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

3. UNITS

	BELIEVED BELIEVED		2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS				
	PRESENT	ABSENT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE						
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
									1	PPH	LB/DAY
BROMIDE, TOTAL (24959-67-6)	_____	_____	0.24	0.04326048	.	.	.	.
CHLORINE, TOTAL RESIDUAL	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED						
CAS=. SITE=104 MONTH=8 YEAR=2000 PARAMTR=COLOR FLOW=0.0216 _FREQ_=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=10 LTALOAD=. LTAONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSM=. UNITS=NTU INTAKEN											
INTAKEC= INTAKENS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=0.28326048 I=. FILLIT= _ERROR_=0 _N_=503											
COLOR	_____	_____	10	N/A	.	.	.	.	1	NTU	.
FECAL COLIFORM	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED						
FLUORIDE (16984-48-8)	_____	_____	7.998	1.441655496	.	.	.	.	1	PPH	LB/DAY
NITRATE + NITRITE	_____	_____	0.26	0.04686552	.	.	.	.	1	PPH	LB/DAY

EPA I.D. NUMBER= VA0004090 OUTFALL 104

2. EFFLUENT

A. MAXIMUM DAILY VALUE	B. MAXIMUM 30 DAY VALUE	C. LONG TERM AVRG. VALUE
------------------------	-------------------------	--------------------------

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

NITROGEN, TOTAL ORG. AS N		<0.01	<0.00180252	.	.	.	1	PPM	LB/DAY	
OIL & GREASE		.	.	<5	<9.0126	<5	<1.1547	32	PPM	
PHOSPHORUS (AS P), TOTAL		1.59	0.28660068	.	.	.	.	1	PPM	
(7723-14-0)										
J. RADIOACTIVITY										
ALPHA, TOTAL		3	.	.	.	.	.	1	PPM	LB/DAY
BETA, TOTAL		11.5	.	.	.	.	.	1	PPM	LB/DAY
SULFATE (AS SO4)		14.95	2.6947674	.	.	.	.	1	PPM	LB/DAY
SULFIDE (AS S)		<0.01	<0.00180252	.	.	.	.	1	PPM	LB/DAY
SURFACTANTS		<0.025	<0.0045063	.	.	.	.	1	PPM	LB/DAY
ALUMINUM, TOTAL		0.2	0.0360504	.	.	.	.	1	PPM	LB/DAY
(7429-90-5)										
BARIUM, TOTAL		0.004	0.000721008	.	.	.	.	1	PPM	LB/DAY
(7440-39-3)										
BORON, TOTAL		1.32	0.23793264	.	.	.	.	1	PPM	LB/DAY
(7440-42-8)										
COBALT, TOTAL		<0.003	<0.000540756	.	.	.	.	1	PPM	LB/DAY
(7440-48-4)										
IRON, TOTAL		0.05	0.0090126	.	.	.	.	1	PPM	LB/DAY
(7439-89-6)										
MAGNESIUM, TOTAL		<0.01	<0.00180252	.	.	.	.	1	PPM	LB/DAY
(7439-95-4)										
MOLYBDENUM, TOTAL		0.006	0.001081512	.	.	.	.	1	PPM	LB/DAY
(7439-98-7)										
MANGANESE, TOTAL		<0.02	<0.00360504	.	.	.	.	1	PPM	LB/DAY
(7439-96-5)										
TIN, TOTAL		<0.005	<0.00090126	.	.	.	.	1	PPM	LB/DAY
(7440-31-5)										
TITANIUM, TOTAL		<0.01	<0.00180252	.	.	.	.	1	PPM	LB/DAY
(7440-32-6)										

PAGE V2

CONTINUED FROM PAGE V2
1. POLLUTANT

EPA I.D. NUMBER= VA0004090 OUTFALL 104

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

									1	PPH	LB/DAY
ANTIMONY, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.000360504	.	.	.	1	PPH	LB/DAY
(7440-36-0)											
ARSENIC, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.000540756	.	.	.	1	PPH	LB/DAY
(7440-38-2)											
BERYLLIUM, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<0.0000360504	.	.	.	1	PPH	LB/DAY
(7440-41-7)											
CADMIUM, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.0003	<0.0000540756	.	.	.	1	PPH	LB/DAY
(7440-43-9)											
CHROMIUM, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.001	<0.000180252	.	.	.	1	PPH	LB/DAY
(7440-47-3)											
COPPER, TOTAL	<u> X </u>	<u> </u>	<u> </u>	0.003	0.000540756	.	.	.	1	PPH	LB/DAY
(7440-50-8)											
LEAD, TOTAL	<u> X </u>	<u> </u>	<u> </u>	0.002	0.000360504	.	.	.	1	PPH	LB/DAY
(7439-92-1)											
MERCURY, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<0.0000360504	.	.	.	1	PPH	LB/DAY
(7439-97-6)											
NICKEL, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.005	<0.00090126	.	.	.	1	PPH	LB/DAY
(7440-02-0)											
SELENIUM, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.000540756	.	.	.	1	PPH	LB/DAY
(7782-49-2)											
SILVER, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.0001	<0.0000180252	.	.	.	1	PPH	LB/DAY
(7440-22-4)											
THALLIUM, TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.000360504	.	.	.	1	PPH	LB/DAY
(7440-28-0)											
ZINC, TOTAL	<u> X </u>	<u> </u>	<u> </u>	0.026	0.004686552	.	.	.	1	PPH	LB/DAY
(7440-66-6)											
CYANIDE , TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.01	<0.00180252	.	.	.	1	PPH	LB/DAY
(0057-12-5)											
PHENOLS , TOTAL	<u> X </u>	<u> </u>	<u> </u>	0.07	0.01261764	.	.	.	1	PPH	LB/DAY

EPA I.D. NUMBER= VA0004090

OUTFALL 104

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCHS FRACTION - VOLATILE COMPOUNDS

67663

(0067-66-3)

 X

 X

2.72

0.49028544

.

.

.

.

1

PPH

LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	<15.8	<2.135	<7.1826	<0.5744	23	PPH LB/DAY
FLOW	.	.	0.0164	.	0.0069087	.	23	MGD .
PH	.	.	6.27 (MIN)	8.88 (MAX)	N/A	N/A	25	STD. UNITS .

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS
					NO. OF ANALYSES	CONCENTRATION MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 105

1. POLLUTANT	2. EFFLUENT						3. UNITS		
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
MARK X BELIEVED BELIEVED PRESENT ABSENT									
POLLUTANT									
OIL & GREASE									

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

OUTFALL 106

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
FLOW	.	.	0.0234	.	0.008775	.	32	MGD .
PH	.	.	6.59 (MIN)	7.77 (MAX)	N/A	N/A	32	STD. UNITS .

PART B.

 MARK X
 BELIEVED BELIEVED
 PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS
					NO. OF ANALYSES	CONCENTRATION MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 106

1. POLLUTANT	A. MAXIMUM DAILY VALUE		2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS		
	CONCENTRATION		CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF	CONCENTRATION	MASS
	MARK X BELIEVED PRESENT	BELIEVED ABSENT					ANALYSES		
POLLUTANT									
OIL & GREASE	_____	_____	<5	<0.9764	<5	<0.3661	32	PPM	LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

OUTFALL 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

POLLUTANT	2. EFFLUENT				C. LONG TERM AVRG. VALUE			3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE					CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES				
BIOCHEMICAL OXYGEN DEMAND	2.85	0.073728075	.	.	.	.	1	PPH	LB/DAY
CHEMICAL OXYGEN DEMAND	<5	<0.1293475	.	.	.	.	1	PPH	LB/DAY
TOTAL ORGANIC CARBON	9.3	0.24058635	.	.	.	.	1	PPH	LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<10.4	<0.269	<3.64	<0.0942	5	PPH	LB/DAY
AMMONIA,TOTAL	0.4	0.0103478	.	.	.	.	1	PPH	LB/DAY
FLOW	.	.	0.0031	.	0.0031	.	4	MGD	.
PH	.	.	7.35 (MIN)	10.12 (MAX)	N/A	N/A	4	STD. UNITS	.

PART B.

	MARK X		2. EFFLUENT						3. UNITS		
	BELIEVED PRESENT	BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BROMIDE, TOTAL (24959-67-6)	_____	_____	<0.2	<0.0051739	.	.	.	.	1	PPH	LB/DAY
CHLORINE, TOTAL RESIDUAL	_____	__X__	NOT SAMPLED		NOT SAMPLED						
CAS=. SITE=107 MONTH=10 YEAR=2000 PARAMTR=COLOR FLOW=. _FREQ_=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=50 LTALOAD=. LTAONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSM=. UNITS=NTU INTAKEN=. INTAKEC= INTAKEMS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=0.2051739 I=. FILLIT= _ERROR_=0 _N_=555											
COLOR	_____	_____	50	N/A	.	.	.	.	1	NTU	.
FECAL COLIFORM	_____	__X__	NOT SAMPLED		NOT SAMPLED						
FLUORIDE (16984-48-8)	_____	_____	0.223	0.0057688985	.	.	.	.	1	PPH	LB/DAY
NITRATE + NITRITE	_____	_____	<0.01	<0.000258695	.	.	.	.	1	PPH	LB/DAY

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 107

1. POLLUTANT	2. EFFLUENT										3. UNITS	
	A. MAXIMUM DAILY VALUE				B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS	
	CONCENTRATION		MASS		CONCENTRATION		MASS					
MARK X												
BELIEVED BELIEVED												
PRESENT ABSENT												
POLLUTANT												
NITROGEN, TOTAL ORG. AS N	_____	_____	0.78	0.02017821	.	.	.	.	1	PPH	LB/DAY
OIL & GREASE	_____	_____	.	.	<5	<0.1293	<5	<0.1293	5	PPH	LB/DAY	
PHOSPHORUS (AS P), TOTAL	_____	_____	0.05	0.001293475	.	.	.	.	1	PPH	LB/DAY
(7723-14-0)	_____	_____										
J. RADIOACTIVITY												
ALPHA, TOTAL	_____	_____	<0.3	.	.	.	.	.	1	PPH	LB/DAY
BETA, TOTAL	_____	_____	1	.	.	.	.	.	1	PPH	LB/DAY
SULFATE (AS SO4)	_____	_____	0.35	0.009054325	.	.	.	.	1	PPH	LB/DAY
SULFIDE (AS S)	_____	_____	<0.01	<0.000258695	.	.	.	.	1	PPH	LB/DAY
SURFACTANTS	_____	_____	<0.025	<0.0006467375	.	.	.	.	1	PPH	LB/DAY
ALUMINUM, TOTAL	_____	_____	<0.2	<0.0051739	.	.	.	.	1	PPH	LB/DAY
(7429-90-5)	_____	_____										
BARIUM, TOTAL	_____	_____	0.013	0.0003363035	.	.	.	.	1	PPH	LB/DAY
(7440-39-3)	_____	_____										
BORON, TOTAL	_____	_____	0.02	0.00051739	.	.	.	.	1	PPH	LB/DAY
(7440-42-8)	_____	_____										
COBALT, TOTAL	_____	_____	<0.003	<0.0000776085	.	.	.	.	1	PPH	LB/DAY
(7440-48-4)	_____	_____										
IRON, TOTAL	_____	_____	8.57	0.221701615	.	.	.	.	1	PPH	LB/DAY
(7439-89-6)	_____	_____										
MAGNESIUM, TOTAL	_____	_____	0.02	0.00051739	.	.	.	.	1	PPH	LB/DAY
(7439-95-4)	_____	_____										
MOLYBDENUM, TOTAL	_____	_____	0.001	0.0000258695	.	.	.	.	1	PPH	LB/DAY
(7439-98-7)	_____	_____										
MANGANESE, TOTAL	_____	_____	0.13	0.003363035	.	.	.	.	1	PPH	LB/DAY
(7439-96-5)	_____	_____										
TIN, TOTAL	_____	_____	<0.005	<0.0001293475	.	.	.	.	1	PPH	LB/DAY
(7440-31-5)	_____	_____										
TITANIUM, TOTAL	_____	_____	<0.01	<0.000258695	.	.	.	.	1	PPH	LB/DAY
(7440-32-6)	_____	_____										

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION MASS CONCENTRATION MASS CONCENTRATION MASS NO. OF ANALYSES CONCENTRATION MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

ANTIMONY, TOTAL (7440-36-0)	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.000051739	.	.	.	.	1	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.0000776085	.	.	.	.	1	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<5.1739E-6	.	.	.	.	1	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u> X </u>	<u> </u>	<u> </u>	<0.0003	<7.76085E-6	.	.	.	.	1	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u> X </u>	<u> </u>	<u> </u>	<0.001	<0.0000258695	.	.	.	.	1	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	<u> X </u>	<u> </u>	<u> </u>	0.557	0.0144093115	.	.	.	.	1	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	<u> X </u>	<u> </u>	<u> </u>	0.005	0.0001293475	.	.	.	.	1	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<5.1739E-6	.	.	.	.	1	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u> X </u>	<u> </u>	<u> </u>	0.007	0.0001810865	.	.	.	.	1	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.0000776085	.	.	.	.	1	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	<u> X </u>	<u> </u>	<u> </u>	<0.0001	<2.58695E-6	.	.	.	.	1	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.000051739	.	.	.	.	1	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	<u> X </u>	<u> </u>	<u> </u>	0.06	0.00155217	.	.	.	.	1	PPH	LB/DAY
CYANIDE , TOTAL (0057-12-5)	<u> X </u>	<u> </u>	<u> </u>	<0.01	<0.000258695	.	.	.	.	1	PPH	LB/DAY
PHENOLS , TOTAL	<u> X </u>	<u> </u>	<u> </u>	0.01	0.000258695	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION MASS CONCENTRATION MASS CONCENTRATION MASS NO. OF CONCENTRATION MASS
ANALYSES

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS

ACROLEIN	<u> X </u>	<u> </u>	<u> X </u>	<0.0408	<0.0010554756	.	.	.	.	1	PPH	LB/DAY
(0107-02-8)												
ACRYLONITRILE	<u> X </u>	<u> </u>	<u> X </u>	<0.0015	<0.0000388043	.	.	.	.	1	PPH	LB/DAY
(0107-13-1)												
BENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<0.0001138258	.	.	.	.	1	PPH	LB/DAY
(0071-43-2)												
BIS (CHLOROMETHYL) ETHER				NOT SAMPLED			NOT SAMPLED					
(542-88-1)												
BROMOFORM	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.0001215866	.	.	.	.	1	PPH	LB/DAY
(0075-25-2)												
CARBON TETRACHLORIDE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0000724346	.	.	.	.	1	PPH	LB/DAY
(0056-23-5)												
CHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.000155217	.	.	.	.	1	PPH	LB/DAY
(0108-90-7)												
DIBROMOCHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.0000801955	.	.	.	.	1	PPH	LB/DAY
(0124-48-1)												
CHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.0000284564	.	.	.	.	1	PPH	LB/DAY
(0075-00-3)												
2-CHLOROETHYL VINYL ETHER	<u> X </u>	<u> </u>	<u> X </u>	<0.0012	<0.0000310434	.	.	.	.	1	PPH	LB/DAY
(0110-75-8)												
CHLOROFORM	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.0000413912	.	.	.	.	1	PPH	LB/DAY
(0067-66-3)												
BROMODICHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.0000569129	.	.	.	.	1	PPH	LB/DAY
(0075-27-4)												
1,1-DICHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.0001215866	.	.	.	.	1	PPH	LB/DAY
(0075-34-3)												
1,2-DICHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0000724346	.	.	.	.	1	PPH	LB/DAY
(0107-06-2)												
1,1-DICHLOROETHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0000724346	.	.	.	.	1	PPH	LB/DAY
(0075-35-4)												
1,2-DICHLOROPROPANE	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.000155217	.	.	.	.	1	PPH	LB/DAY
(0078-87-5)												
TRANS-1,3-DICHLOROPROPENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0009	<0.0000232825	.	.	.	.	1	PPH	LB/DAY
(10061026)												
ETHYL BENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0072	<0.0001862604	.	.	.	.	1	PPH	LB/DAY
(0100-41-4)												
BROMOMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0014	<0.0000362173	.	.	.	.	1	PPH	LB/DAY
(0074-83-9)												
CHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.0000284564	.	.	.	.	1	PPH	LB/DAY
(0074-87-3)												

			2. EFFLUENT						3. UNITS			
			A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE					
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS	
MARK X												
TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT										
GCMS FRACTION - VOLATILE COMPOUNDS (CONT												
METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0000724346	.	.	.	.	1	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0069	<0.0001784996	.	.	.	.	1	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<0.000106065	.	.	.	.	1	PPH	LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.000155217	.	.	.	.	1	PPH	LB/DAY
1 2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.0000413912	.	.	.	.	1	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0000983041	.	.	.	.	1	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.005	<0.0001293475	.	.	.	.	1	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<0.0000491521	.	.	.	.	1	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<0.0000465651	.	.	.	.	1	PPH	LB/DAY
GCMS FRACTION - ACID COMPOUNDS												
2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0033	<0.0000853694	.	.	.	.	1	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0056	<0.0001448692	.	.	.	.	1	PPH	LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0052	<0.0001345214	.	.	.	.	1	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.024	<0.000620868	.	.	.	.	1	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.042	<0.001086519	.	.	.	.	1	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0000931302	.	.	.	.	1	PPH	LB/DAY
i-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<0.0000620868	.	.	.	.	1	PPH	LB/DAY
i-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<0.0001940213	.	.	.	.	1	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0000931302	.	.	.	.	1	PPH	LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0000698477	.	.	.	.	1	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0000698477	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION		MASS	CONCENTRATION		MASS	CONCENTRATION		CONCENTRATION	MASS
	MASS	CONCENTRATION	MASS	MASS	CONCENTRATION	MASS	MASS		MASS	MASS
MARK X TESTING BELIEVED BELIEVED REQUIRED PRESENT ABSENT										
GCHS FRACTION - BASE/NEUTRAL COMPOUNDS										
ACENAPHTHENE (0083-32-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.003	<0.0000776085	.	.	1	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0035	<0.0000905433	.	.	1	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<0.0000491521	.	.	1	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.063	<0.0016297785	.	.	1	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0165	<0.0004268467	.	.	1	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0048	<0.0001241736	.	.	1	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<0.000106065	.	.	1	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0053	<0.0001371083	.	.	1	PPH	LB/DAY
BIS(-2-CHLOROETHYL)ETHER (0111-44-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0057	<0.0001474561	.	.	1	PPH	LB/DAY
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)				NOT SAMPLED	NOT SAMPLED		NOT SAMPLED			
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.003	<0.0000776085	.	.	1	PPH	LB/DAY
BUTYLBENZYLPHTHALATE (0085-68-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0046	<0.0001189997	.	.	1	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0042	<0.0001086519	.	.	1	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.004	<0.000103478	.	.	1	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.0000801955	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION		MASS
	CONCENTRATION	MASS		CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS	
	MARK X										
	TESTING	BELIEVED	BELIEVED								
	REQUIRED	PRESENT	ABSENT								
GCHS FRACTION - BASE/NEUTRAL COMP.(CONT)											
1,4-DICHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<0.0001138258	.	.	1	PPH		LB/DAY
(0106-46-7)											
3,3PR-DICHLOROBENZIDINE	<u> X </u>	<u> </u>	<u> X </u>	<0.0078	<0.0002017821	.	.	1	PPH		LB/DAY
(0091-94-1)											
DIETHYLPHTHALATE	<u> X </u>	<u> </u>	<u> X </u>	<0.0074	<0.0001914343	.	.	1	PPH		LB/DAY
(0084-66-2)											
DIMETHYL PHTHALATE	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<0.0001940213	.	.	1	PPH		LB/DAY
(0131-11-3)											
DI-N-BUTYLPHTHALATE	<u> X </u>	<u> </u>	<u> X </u>	<0.0064	<0.0001655648	.	.	1	PPH		LB/DAY
(0084-74-2)											
2,4-DINITROTOLUENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0057	<0.0001474561	.	.	1	PPH		LB/DAY
(0121-14-2)											
2,6-DINITROTOLUENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0034	<0.0000879563	.	.	1	PPH		LB/DAY
(0606-20-2)											
DI-N-OCTYLPHTHALATE	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.0000646738	.	.	1	PPH		LB/DAY
(0117-84-0)											
1,2-DIPHENYLHYDRAZINE	<u> X </u>	<u> </u>	<u> X </u>	<0.0088	<0.0002276516	.	.	1	PPH		LB/DAY
(0122-66-7)											
FLUORANTHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.0000569129	.	.	1	PPH		LB/DAY
(0206-44-0)											
FLUORENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.0000569129	.	.	1	PPH		LB/DAY
(0086-73-7)											
HEXACHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.0000801955	.	.	1	PPH		LB/DAY
(0118-74-1)											
HEXACHLOROBUTADIENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<0.0000465651	.	.	1	PPH		LB/DAY
(0087-68-3)											
HEXACHLOROCYCLOPENTADIENE	<u> X </u>	<u> </u>	<u> X </u>	<0.02	<0.00051739	.	.	1	PPH		LB/DAY
(0077-47-4)											
HEXACHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<0.0000620868	.	.	1	PPH		LB/DAY
(0067-72-1)											
INDENO(1,2,3-CD)PYRENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0037	<0.0000957172	.	.	1	PPH		LB/DAY
(0193-39-5)											
ISOPHORONE	<u> X </u>	<u> </u>	<u> X </u>	<0.0051	<0.0001319344	.	.	1	PPH		LB/DAY
(0078-59-1)											
NAPHTHALENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0000983041	.	.	1	PPH		LB/DAY
(0091-20-3)											
NITROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0042	<0.0001086519	.	.	1	PPH		LB/DAY
(0098-95-3)											
N,N,NITROSODIMETHYLAMINE	<u> X </u>	<u> </u>	<u> X </u>	<0.0062	<0.0001603909	.	.	1	PPH		LB/DAY
(0062-75-9)											
N-NITROSO-DI-N-PROPYLAMINE	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0000931302	.	.	1	PPH		LB/DAY
(0621-64-7)											

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EPA I.D. NUMBER= VA0004090

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2. EFFLUENT

3. UNITS

			A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE				
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
MARK X											
TESTING	BELIEVED	BELIEVED									
REQUIRED	PRESENT	ABSENT									

GCHS FRACTION - BASE/NEUTRAL COMP (CONT)

N-NITROSODIPHENYLAMINE (0086-30-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0000698477	.	.	.	1	PPH	LB/DAY
PHENANTHRENE (0085-01-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0054	<0.0001396953	.	.	.	1	PPH	LB/DAY
PYRENE (0129-00-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0000983041	.	.	.	1	PPH	LB/DAY
1,2,4-TRICHLOROBENZENE (0120-82-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0079	<0.0002043691	.	.	.	1	PPH	LB/DAY

PAGE V8

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
 TESTING BELIEVED BELIEVED
 REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - PESTICIDES (CONTINUED)

PCB 1242 (53469219)	_____	_____	<u> X </u>	<0.05	<0.001293475	.	.	.	.	1	PPM	LB/DAY
PCB 1254 (11097691)	_____	_____	<u> X </u>	<0.036	<0.000931302	.	.	.	.	1	PPM	LB/DAY
PCB 1221 (11104282)	_____	_____	<u> X </u>	<0.03	<0.000776085	.	.	.	.	1	PPM	LB/DAY
PCB 1232 (11141165)	_____	_____	<u> X </u>	<0.05	<0.001293475	.	.	.	.	1	PPM	LB/DAY
PCB 1248 (12672296)	_____	_____	<u> X </u>	<0.05	<0.001293475	.	.	.	.	1	PPM	LB/DAY
PCB 1260 (11096825)	_____	_____	<u> X </u>	<0.05	<0.001293475	.	.	.	.	1	PPM	LB/DAY
PCB 1016 (12674112)	_____	_____	<u> X </u>	<0.05	<0.001293475	.	.	.	.	1	PPM	LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
BIOCHEMICAL OXYGEN DEMAND	.	.	13.1	3.7497	13.1	3.7497	4	PPH LB/DAY
CHEMICAL OXYGEN DEMAND	.	.	47	13.453	47	13.453	4	PPH LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	11.5	3.705	6.9274	1.4214	62	PPH LB/DAY
AMMONIA, TOTAL	.	.	94.4675	27.0398	94.4675	27.0398	4	PPH LB/DAY
FLOW	.	.	0.0562	.	0.02445312	.	32	MGD .
TEMPERATURE (SUMMER)	.	.	26.97	.	26.97	.	4	DEGREES C .
PH	.	.	6.67 (MIN)	7.7 (MAX)	N/A	N/A	66	STD. UNITS .

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	MARK X BELIEVED BELIEVED PRESENT ABSENT		2. EFFLUENT						3. UNITS	
			A. MAXIMUM DAILY VALUE	B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE				
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS		
								PPH	LB/DAY	
BROMIDE, TOTAL (24959-67-6)	_____	_____	.	.	<0.21	<0.0601	<0.21	<0.0601	4	
CHLORINE, TOTAL RESIDUAL	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED					
CAS=, SITE=108 MONTH=. YEAR=. PARAMTR=COLOR FLOW=. _FREQ_=4 SAMPLES=. MAXDAYLD=. MAXDAYCH=. LTALOAD=N/A LTAONC=350 MAX30LD=N/A MAX30CN=350 ORDER=13 UNITSH=. UNITS=NTU INTAKEN=. INTAKEC= INTAKEMS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=0.5402 I=. FILLIT= _ERROR_=0 _N_=690										
COLOR	_____	_____	.	.	350	N/A	350	N/A	4	NTU
FECAL COLIFORM	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED					
FLUORIDE (16984-48-8)	_____	_____	.	.	0.7012	0.2007	0.7012	0.2007	4	PPH
NITRATE + NITRITE	_____	_____	.	.	0.075	0.0215	0.075	0.0215	4	PPH

3. UNITS

NO. OF ANALYSES	CONCENTRATION	MASS
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POLLUTANT			.	.						PPH	LB/DAY
NITROGEN, TOTAL ORG. AS N	_____	_____	.	.	70.445	20.1637	70.445	20.1637	4	PPH	LB/DAY
OIL & GREASE	_____	_____	.	.	<5	<2.3449	<5	<1.0245	63	PPH	LB/DAY
PHOSPHORUS (AS P), TOTAL (7723-14-0)	_____	_____	.	.	0.1425	0.0408	0.1425	0.0408	4	PPH	LB/DAY
J. RADIOACTIVITY											
ALPHA, TOTAL	_____	_____	.	.	<4.4	.	<4.4	.	4	PPH	LB/DAY
BETA, TOTAL	_____	_____	.	.	<4.025	.	<4.025	.	4	PPH	LB/DAY
RADIUM,TOTAL	_____	_____	.	.	<0.675	<0.1932	<0.675	<0.1932	4	PPH	LB/DAY
RADIUM 226 , TOTAL	_____	_____	.	.	0.425	0.1216	0.425	0.1216	4	PPH	LB/DAY
SULFATE (AS SO ₄)	_____	_____	.	.	1127.22	322.6481	1127.22	322.6481	4	PPH	LB/DAY
SULFIDE (AS S)	_____	_____	.	.	0.03	0.0086	0.03	0.0086	4	PPH	LB/DAY
SURFACTANTS	_____	_____	.	.	<0.025	<0.0072	<0.025	<0.0072	4	PPH	LB/DAY
ALUMINUM,TOTAL (7429-90-5)	_____	_____	.	.	<0.2	<0.0572	<0.2	<0.0572	4	PPH	LB/DAY
BARIUM,TOTAL (7440-39-3)	_____	_____	.	.	0.0148	0.0042	0.0148	0.0042	4	PPM	LB/DAY
BORON,TOTAL (7440-42-8)	_____	_____	.	.	<0.0225	<0.0064	<0.0225	<0.0064	4	PPM	LB/DAY
COBALT,TOTAL (7440-48-4)	_____	_____	.	.	<0.003	<0.0009	<0.003	<0.0009	4	PPM	LB/DAY
IRON,TOTAL (7439-89-6)	_____	_____	.	.	0.24	0.0687	0.24	0.0687	4	PPM	LB/DAY
MAGNESIUM,TOTAL (7439-95-4)	_____	_____	.	.	0.275	0.0787	0.275	0.0787	4	PPM	LB/DAY
MOLYBDENUM,TOTAL (7439-98-7)	_____	_____	.	.	0.0045	0.0013	0.0045	0.0013	4	PPM	LB/DAY
MANGANESE,TOTAL (7439-96-5)	_____	_____	.	.	1.0275	0.2941	1.0275	0.2941	4	PPM	LB/DAY
TIN,TOTAL (7440-31-5)	_____	_____	.	.	<0.005	<0.0014	<0.005	<0.0014	4	PPM	LB/DAY
TITANIUM,TOTAL (7440-32-6)	_____	_____	.	.	<0.01	<0.0029	<0.01	<0.0029	4	PPM	LB/DAY

CONTINUED FROM PAGE V2

1. POLLUTANT

EPA I.D. NUMBER= VA0004090

OUTFALL 108

2. EFFLUENT

3. UNITS

MARK X
 TESTING BELIEVED BELIEVED
 REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION	MASS		CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS
ANTIMONY, TOTAL (7440-36-0)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0025	<0.0007	4	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.003	<0.0009	4	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0002	<0.0001	4	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0003	<0.0001	4	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u> X </u>	<u> </u>	<u> </u>	.	.	0.002	0.0006	4	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	<u> X </u>	<u> </u>	<u> </u>	.	.	0.0068	0.0019	4	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0015	<0.0004	4	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0002	<0.0001	4	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.005	<0.0014	4	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.003	<0.0009	4	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0001	.	4	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.002	<0.0006	4	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	<u> X </u>	<u> </u>	<u> </u>	.	.	0.0425	0.0122	4	PPH	LB/DAY
CYANIDE , TOTAL (0057-12-5)	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.01	<0.0029	4	PPH	LB/DAY
PHENOLS , TOTAL	<u> X </u>	<u> </u>	<u> </u>	.	.	<0.0425	<0.0122	4	PPH	LB/DAY

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION		MASS	CONCENTRATION		MASS	MASS		CONCENTRATION	MASS
	CONCENTRATION	MASS		CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS
	MARK X	TESTING	BELIEVED							
	REQUIRED	PRESENT	ABSENT							
GCHS FRACTION - VOLATILE COMPOUNDS										
ACROLEIN (0107-02-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0408	<0.0117	<0.0408	<0.0117	4 PPH LB/DAY
ACRYLONITRILE (0107-13-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0015	<0.0004	<0.0015	<0.0004	4 PPH LB/DAY
BENZENE (0071-43-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0044	<0.0013	<0.0044	<0.0013	4 PPH LB/DAY
BIS (CHLOROMETHYL)-ETHER (542-88-1)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED		
BROMOFORM (0075-25-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0047	<0.0013	<0.0047	<0.0013	4 PPH LB/DAY
CARBON TETRACHLORIDE (0056-23-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0008	<0.0028	<0.0008	4 PPH LB/DAY
CHLOROBENZENE (0108-90-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.006	<0.0017	<0.006	<0.0017	4 PPH LB/DAY
DIBROMOCHLOROMETHANE (0124-48-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0031	<0.0009	<0.0031	<0.0009	4 PPH LB/DAY
CHLOROETHANE (0075-00-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0011	<0.0003	<0.0011	<0.0003	4 PPH LB/DAY
2-CHLOROETHYL VINYL ETHER (0110-75-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0012	<0.0003	<0.0012	<0.0003	4 PPH LB/DAY
CHLOROFORM (0067-66-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0016	<0.0005	<0.0016	<0.0005	4 PPH LB/DAY
BROMODICHLOROMETHANE (0075-27-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0006	<0.0022	<0.0006	4 PPH LB/DAY
1,1-DICHLOROETHANE (0075-34-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0047	<0.0013	<0.0047	<0.0013	4 PPH LB/DAY
1,2-DICHLOROETHANE (0107-06-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0008	<0.0028	<0.0008	4 PPH LB/DAY
1,1-DICHLOROETHENE (0075-35-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0008	<0.0028	<0.0008	4 PPH LB/DAY
1,2-DICHLOROPROPANE (0078-87-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.006	<0.0017	<0.006	<0.0017	4 PPH LB/DAY
TRANS-1,3-DICHLOROPROPENE (10061026)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0009	<0.0003	<0.0009	<0.0003	4 PPH LB/DAY
ETHYL BENZENE (0100-41-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0072	<0.0021	<0.0072	<0.0021	4 PPH LB/DAY
BROMOMETHANE (0074-83-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0014	<0.0004	<0.0014	<0.0004	4 PPH LB/DAY
CHLOROMETHANE (0074-87-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0011	<0.0003	<0.0011	<0.0003	4 PPH LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
MARK X TESTING BELIEVED BELIEVED REQUIRED PRESENT ABSENT												
GCMS FRACTION - VOLATILE COMPOUNDS (CONT												
METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0028	<0.0008	<0.0028	<0.0008	4	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0069	<0.002	<0.0069	<0.002	4	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0041	<0.0012	<0.0041	<0.0012	4	PPH	LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.006	<0.0017	<0.006	<0.0017	4	PPH	LB/DAY
1 2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0016	<0.0005	<0.0016	<0.0005	4	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0038	<0.0011	<0.0038	<0.0011	4	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.005	<0.0014	<0.005	<0.0014	4	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0019	<0.0005	<0.0019	<0.0005	4	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0018	<0.0005	<0.0018	<0.0005	4	PPH	LB/DAY
GCMS FRACTION - ACID COMPOUNDS												
2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0033	<0.0009	<0.0033	<0.0009	4	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0056	<0.0016	<0.0056	<0.0016	4	PPH	LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0052	<0.0015	<0.0052	<0.0015	4	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.024	<0.0069	<0.024	<0.0069	4	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.042	<0.012	<0.042	<0.012	4	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<0.001	<0.0036	<0.001	4	PPH	LB/DAY
4-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0024	<0.0007	<0.0024	<0.0007	4	PPH	LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0075	<0.0021	<0.0075	<0.0021	4	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<0.001	<0.0036	<0.001	4	PPH	LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0027	<0.0008	<0.0027	<0.0008	4	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0027	<0.0008	<0.0027	<0.0008	4	PPH	LB/DAY

2. EFFLUENT

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - BASE/NEUTRAL COMPOUNDS

						<0.003	<0.0009	<0.003	<0.0009	4	PPH	LB/DAY
ACENAPHTHENE (0083-32-9)	<u>X</u>	—	<u>X</u>	.	.	<0.0035	<0.001	<0.0035	<0.001	4	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u>X</u>	—	<u>X</u>	.	.	<0.0019	<0.0005	<0.0019	<0.0005	4	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u>X</u>	—	<u>X</u>	.	.	<0.063	<0.018	<0.063	<0.018	4	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u>X</u>	—	<u>X</u>	.	.	<0.0165	<0.0047	<0.0165	<0.0047	4	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u>X</u>	—	<u>X</u>	.	.	<0.0025	<0.0007	<0.0025	<0.0007	4	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u>X</u>	—	<u>X</u>	.	.	<0.0048	<0.0014	<0.0048	<0.0014	4	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u>X</u>	—	<u>X</u>	.	.	<0.0041	<0.0012	<0.0041	<0.0012	4	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u>X</u>	—	<u>X</u>	.	.	<0.0025	<0.0007	<0.0025	<0.0007	4	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u>X</u>	—	<u>X</u>	.	.	<0.0053	<0.0015	<0.0053	<0.0015	4	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u>X</u>	—	<u>X</u>	.	.	<0.0057	<0.0016	<0.0057	<0.0016	4	PPH	LB/DAY
BIS(2-CHLOROETHYL)ETHER (0111-44-4)	<u>X</u>	—	<u>X</u>	.	.	NOT SAMPLED	NOT SAMPLED	NOT SAMPLED	NOT SAMPLED			
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)				NOT SAMPLED	NOT SAMPLED	NOT SAMPLED	NOT SAMPLED	NOT SAMPLED	NOT SAMPLED			
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u>X</u>	—	<u>X</u>	.	.	<0.0025	<0.0007	<0.0025	<0.0007	4	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u>X</u>	—	<u>X</u>	.	.	<0.003	<0.0009	<0.003	<0.0009	4	PPH	LB/DAY
BUTYLBENZYLPHthalate (0085-68-7)	<u>X</u>	—	<u>X</u>	.	.	<0.0025	<0.0007	<0.0025	<0.0007	4	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u>X</u>	—	<u>X</u>	.	.	<0.0046	<0.0013	<0.0046	<0.0013	4	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u>X</u>	—	<u>X</u>	.	.	<0.0042	<0.0012	<0.0042	<0.0012	4	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u>X</u>	—	<u>X</u>	.	.	<0.0025	<0.0007	<0.0025	<0.0007	4	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u>X</u>	—	<u>X</u>	.	.	<0.004	<0.0011	<0.004	<0.0011	4	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u>X</u>	—	<u>X</u>	.	.	<0.0031	<0.0009	<0.0031	<0.0009	4	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u>X</u>	—	<u>X</u>	.	.							

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION		MASS
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS	
MARK X TESTING BELIEVED BELIEVED REQUIRED PRESENT ABSENT													
GCHS FRACTION - BASE/NEUTRAL COMP.(CONT)													
1,4-DICHLOROBENZENE (0106-46-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0044	<0.0013	<0.0044	<0.0013	4	PPM	LB/DAY	
3,3PR-DICHLOROBENZIDINE (0091-94-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0078	<0.0022	<0.0078	<0.0022	4	PPM	LB/DAY	
DIETHYLPHTHALATE (0084-66-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0074	<0.0021	<0.0074	<0.0021	4	PPM	LB/DAY	
DIMETHYL PHTHALATE (0131-11-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0075	<0.0021	<0.0075	<0.0021	4	PPM	LB/DAY	
DI-N-BUTYLPHTHALATE (0084-74-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0064	<0.0018	<0.0064	<0.0018	4	PPM	LB/DAY	
2,4-DINITROTOLUENE (0121-14-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0057	<0.0016	<0.0057	<0.0016	4	PPM	LB/DAY	
2,6-DINITROTOLUENE (0606-20-2)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0034	<0.001	<0.0034	<0.001	4	PPM	LB/DAY	
DI-N-OCTYLPHTHALATE (0117-84-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0025	<0.0007	<0.0025	<0.0007	4	PPM	LB/DAY	
1,2-DIPHENYLHYDRAZINE (0122-66-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0088	<0.0025	<0.0088	<0.0025	4	PPM	LB/DAY	
FLUORANTHENE (0206-44-0)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0006	<0.0022	<0.0006	4	PPM	LB/DAY	
FLUORENE (0086-73-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0022	<0.0006	<0.0022	<0.0006	4	PPM	LB/DAY	
HEXACHLOROBENZENE (0118-74-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0031	<0.0009	<0.0031	<0.0009	4	PPM	LB/DAY	
HEXACHLOROBUTADIENE (0087-68-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0018	<0.0005	<0.0018	<0.0005	4	PPM	LB/DAY	
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.02	<0.0057	<0.02	<0.0057	4	PPM	LB/DAY	
HEXACHLOROETHANE (0067-72-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0024	<0.0007	<0.0024	<0.0007	4	PPM	LB/DAY	
INDENO(1,2,3-CD)PYRENE (0193-39-5)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0037	<0.0011	<0.0037	<0.0011	4	PPM	LB/DAY	
ISOPHORONE (0078-59-1)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0051	<0.0015	<0.0051	<0.0015	4	PPM	LB/DAY	
NAPHTHALENE (0091-20-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0038	<0.0011	<0.0038	<0.0011	4	PPM	LB/DAY	
NITROBENZENE (0098-95-3)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0042	<0.0012	<0.0042	<0.0012	4	PPM	LB/DAY	
N,NITROSODIMETHYLAMINE (0062-75-9)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0062	<0.0018	<0.0062	<0.0018	4	PPM	LB/DAY	
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	<u> X </u>	<u> </u>	<u> X </u>	.	.	<0.0036	<0.001	<0.0036	<0.001	4	PPM	LB/DAY	

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION		MASS	CONCENTRATION		MASS	MASS		CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	MASS		CONCENTRATION	MASS
	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT							
GCHS FRACTION - BASE/NEUTRAL COMP (CONT)										
N-NITROSODIPHENYLAMINE (0086-30-6)	<u>X</u>		<u>X</u>	.	.	<0.0027	<0.0008	<0.0027	<0.0008	4 PPM LB/DAY
PHENANTHRENE (0085-01-8)	<u>X</u>		<u>X</u>	.	.	<0.0054	<0.0015	<0.0054	<0.0015	4 PPM LB/DAY
PYRENE (0129-00-0)	<u>X</u>		<u>X</u>	.	.	<0.0038	<0.0011	<0.0038	<0.0011	4 PPM LB/DAY
1,2,4-TRICHLORBENZENE (0120-82-1)	<u>X</u>		<u>X</u>	.	.	<0.0079	<0.0023	<0.0079	<0.0023	4 PPM LB/DAY
GCHS FRACTION - PESTICIDES										
ALDRIN (0309-00-2)			<u>X</u>	.	.	<0.0019	<0.0005	<0.0019	<0.0005	4 PPM LB/DAY
ALPHA BHC (0319-84-6)			<u>X</u>	.	.	<0.0031	<0.0009	<0.0031	<0.0009	4 PPM LB/DAY
BETA BHC (0319-85-7)			<u>X</u>	.	.	<0.0042	<0.0012	<0.0042	<0.0012	4 PPM LB/DAY
GAMMA BHC (0058-89-9)			<u>X</u>	.	.	<0.0022	<0.0006	<0.0022	<0.0006	4 PPM LB/DAY
DELTA BHC (0319-86-8)			<u>X</u>	.	.	<0.0052	<0.0015	<0.0052	<0.0015	4 PPM LB/DAY
CHLORDANE (0057-74-9)			<u>X</u>	.	.	<0.01	<0.0029	<0.01	<0.0029	4 PPM LB/DAY
4,4PR-DDT (0050-29-3)			<u>X</u>	.	.	<0.0051	<0.0015	<0.0051	<0.0015	4 PPM LB/DAY
4,4PR-DDE (0072-55-9)			<u>X</u>	.	.	<0.0056	<0.0016	<0.0056	<0.0016	4 PPM LB/DAY
4,4PR-DDD (0072-54-8)			<u>X</u>	.	.	<0.0041	<0.0012	<0.0041	<0.0012	4 PPM LB/DAY
DIELDRIN (0060-57-1)			<u>X</u>	.	.	<0.0044	<0.0013	<0.0044	<0.0013	4 PPM LB/DAY
ALPHA-ENDOSULFAN (0115-29-7)			<u>X</u>	.	.	<0.0617	<0.0177	<0.0617	<0.0177	4 PPM LB/DAY
BETA-ENDOSULFAN (0115-29-7)			<u>X</u>	.	.	<0.0803	<0.023	<0.0803	<0.023	4 PPM LB/DAY
ENDOSULFAN SULFATE (1031-07-8)			<u>X</u>	.	.	<0.0056	<0.0016	<0.0056	<0.0016	4 PPM LB/DAY
ENDRIN (0072-20-8)			<u>X</u>	.	.	<0.0056	<0.0016	<0.0056	<0.0016	4 PPM LB/DAY
ENDRIN ALDEHYDE (7421-93-4)			<u>X</u>	.	.	<0.065	<0.0186	<0.065	<0.0186	4 PPM LB/DAY
HEPTACHLOR (0076-44-8)			<u>X</u>	.	.	<0.0043	<0.0012	<0.0043	<0.0012	4 PPM LB/DAY

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION		MASS	CONCENTRATION		MASS	MASS		CONCENTRATION	MASS
	CONCENTRATION	MASS		CONCENTRATION	MASS					
	MARK X									
	TESTING	BELIEVED	BELIEVED							
	REQUIRED	PRESENT	ABSENT							
GCMS FRACTION - PESTICIDES (CONTINUED)										
HEPTACHLOR EPOXIDE	_____	_____	<u> X </u>	.	.	<0.0022	<0.0006	<0.0022	<0.0006	4 PPH LB/DAY
(1025-57-3)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
PCB 1242	_____	_____	<u> X </u>	.	.	<0.036	<0.0103	<0.036	<0.0103	4 PPH LB/DAY
(53469219)	_____	_____	<u> X </u>	.	.	<0.03	<0.0086	<0.03	<0.0086	4 PPH LB/DAY
PCB 1254	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
(11097691)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
PCB 1221	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
(11104282)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
PCB 1232	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
(11141165)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
PCB 1248	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
(12672296)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
PCB 1260	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
(11096825)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
PCB 1016	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
(12674112)	_____	_____	<u> X </u>	.	.	<0.05	<0.0143	<0.05	<0.0143	4 PPH LB/DAY
TOXAPHENE	_____	_____	<u> X </u>	.	.					
(8001-35-2)	_____	_____	<u> X </u>	.	.					

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	<12.6	<1.9032	<2.8937	<0.4371	32	PPH LB/DAY
FLOW	.	.	0.0181	.	0.0181	.	32	MGD
PH	.	.	6.48 (MIN)	9.59 (MAX)	N/A	N/A	33	STD. UNITS

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 109

1. POLLUTANT			2. EFFLUENT				3. UNITS		
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
	MARK X BELIEVED BELIEVED PRESENT ABSENT								
POLLUTANT									
OIL & GREASE	_____	_____	<15	<2.2657	<7.2765	<1.0991	34	PPM	LB/DAY

PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	<11.7	<2.7241	<3.4667	<0.8071	6	PPH LB/DAY
FLOW	.	.	0.0279	.	0.0279	.	6	MGD
PH	.	.	7.22 (MIN)	9.36 (MAX)	N/A	N/A	6	STD. UNITS

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090

OUTFALL 110

1. POLLUTANT

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS
MARK X								
BELIEVED BELIEVED								
PRESENT ABSENT								

POLLUTANT

OIL & GREASE

_____	_____	.	.	<5	<1.1641	<5	<1.1641	6	PPH	LB/DAY
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PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	<5.7	<1.3271	<1.9	<0.4424	5	PPM LB/DAY
FLOW	.	.	0.0279	.	0.0279	.	5	MGD
PH	.	.	6.7 (MIN)	8.8 (MAX)	N/A	N/A	5	STD. UNITS

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090

OUTFALL 111

1. POLLUTANT

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

POLLUTANT

OIL & GREASE

<5

<1.1641

<5

<1.1641

5

PPM

LB/DAY

PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	27.5	13.7367	10.8222	3.2065	18	PPH LB/DAY
FLOW	.	.	0.279	.	0.04267059	.	17	MGD .
PH	.	.	7.28 (MIN)	11.1 (MAX)	N/A	N/A	17	STD. UNITS .

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS
					NO. OF ANALYSES	

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090

OUTFALL 112

1. POLLUTANT			2. EFFLUENT				3. UNITS		
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
	MARK X								
	BELIEVED BELIEVED								
	PRESENT ABSENT								
POLLUTANT									
OIL & GREASE	_____	_____	<14.2	<11.6413	<6.1176	<2.0406	17	PPM	LB/DAY

PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
BIOCHEMICAL OXYGEN DEMAND	2.52	0.58672026	.	.	.	.	1	PPM LB/DAY
CHEMICAL OXYGEN DEMAND	1750	407.444625	.	.	.	.	1	PPM LB/DAY
TOTAL ORGANIC CARBON	938.9	218.59986195	.	.	.	.	1	PPM LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<12.3	<2.8638	<4.6444	<1.1512	18	PPM LB/DAY
AMMONIA, TOTAL	132.6	30.8726613	.	.	.	.	1	PPM LB/DAY
FLOW	.	.	0.279	.	0.04185	.	18	MGD .
TEMPERATURE (SUMMER)	26	.	.	.	.	.	1	DEGREES C .
PH	.	.	7.53 (MIN)	10.4 (MAX)	N/A	N/A	19	STD. UNITS .

PART B.

	MARK X		2. EFFLUENT				3. UNITS				
	BELIEVED PRESENT	BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION PPM	MASS LB/DAY
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BROMIDE, TOTAL (24959-67-6)	_____	_____	7.11	1.655389305	.	.	.	.	1		
CHLORINE, TOTAL RESIDUAL	_____	__X__	NOT SAMPLED		NOT SAMPLED						
CAS=. SITE=113 MONTH=8 YEAR=2000 PARAMTR=COLOR FLOW=0.0279 _FREQ_=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=160 LTALOAD=. LTACONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSM=. UNITS=NTU INTAKEN=. INTAKEC= INTAKEMS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=8.765389305 I=. FILLIT= _ERROR_=0 _N_=862											
COLOR	_____	_____	160	N/A	.	.	.	.	1	NTU	.
FECAL COLIFORM	_____	__X__	NOT SAMPLED		NOT SAMPLED						
FLUORIDE (16984-48-8)	_____	_____	5.034	1.172043567	.	.	.	.	1	PPM	LB/DAY
NITRATE + NITRITE	_____	_____	0.09	0.020954295	.	.	.	.	1	PPM	LB/DAY

3. UNITS

NO. OF
ANALYSESNO. OF
ANALYSES**MASS****LB/DAY****LB/DAY****LB/DAY**

1.8/DAY

LB/DA

2. EFFLUENT

3. UNITS

1. POLLUTANT

A. MAXIMUM DAILY VALUE B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION MASS CONCENTRATION MASS CONCENTRATION MASS NO. OF CONCENTRATION MASS
ANALYSESMARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

POLLUTANT	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	A. MAXIMUM DAILY VALUE CONCENTRATION	A. MAXIMUM DAILY VALUE MASS	B. MAXIMUM 30 DAY VALUE CONCENTRATION	B. MAXIMUM 30 DAY VALUE MASS	C. LONG TERM AVRG. VALUE CONCENTRATION	C. LONG TERM AVRG. VALUE MASS	NO. OF ANALYSES	CONCENTRATION	MASS
ANTIMONY, TOTAL (7440-36-0)	<u>X</u>			<0.002	<0.000465651	.	.	.	.	1	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u>X</u>			<0.003	<0.0006984765	.	.	.	.	1	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u>X</u>			<0.0002	<0.0000465651	.	.	.	.	1	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u>X</u>			<0.0003	<0.0000698477	.	.	.	.	1	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u>X</u>			0.034	0.007916067	.	.	.	.	1	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	<u>X</u>			0.017	0.0039580335	.	.	.	.	1	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	<u>X</u>			0.001	0.0002328255	.	.	.	.	1	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u>X</u>			0.0002	0.0000465651	.	.	.	.	1	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u>X</u>			0.024	0.005587812	.	.	.	.	1	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u>X</u>			<0.003	<0.0006984765	.	.	.	.	1	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	<u>X</u>			<0.0001	<0.0000232825	.	.	.	.	1	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u>X</u>			<0.002	<0.000465651	.	.	.	.	1	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	<u>X</u>			0.024	0.005587812	.	.	.	.	1	PPH	LB/DAY
CYANIDE, TOTAL (0057-12-5)	<u>X</u>			<0.01	<0.002328255	.	.	.	.	1	PPH	LB/DAY
PHENOLS, TOTAL	<u>X</u>			<0.01	<0.002328255	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS			
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS						
MARK X															
TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT													
GCHS FRACTION - VOLATILE COMPOUNDS															
ACROLEIN (0107-02-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0408	<0.0094992804	.	.	.	.	1	PPH	LB/DAY
ACRYLONITRILE (0107-13-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0015	<0.0003492382	.	.	.	.	1	PPH	LB/DAY
BENZENE (0071-43-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<0.0010244322	.	.	.	.	1	PPH	LB/DAY
BIS (CHLOROMETHYL) ETHER (542-88-1)				NOT SAMPLED			NOT SAMPLED		NOT SAMPLED						
BROMOFORM (0075-25-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.0010942798	.	.	.	.	1	PPH	LB/DAY
CARBON TETRACHLORIDE (0056-23-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0006519114	.	.	.	.	1	PPH	LB/DAY
CHLOROBENZENE (0108-90-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.001396953	.	.	.	.	1	PPH	LB/DAY
DIBROMOCHLOROMETHANE (0124-48-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.0007217591	.	.	.	.	1	PPH	LB/DAY
CHLOROETHANE (0075-00-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.000256108	.	.	.	.	1	PPH	LB/DAY
2-CHLOROETHYLVINYL ETHER (0110-75-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0012	<0.0002793906	.	.	.	.	1	PPH	LB/DAY
CHLOROFORM (0067-66-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.0003725208	.	.	.	.	1	PPH	LB/DAY
BROMODICHLOROMETHANE (0075-27-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.0005122161	.	.	.	.	1	PPH	LB/DAY
1,1-DICHLOROETHANE (0075-34-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.0010942798	.	.	.	.	1	PPH	LB/DAY
1,2-DICHLOROETHANE (0107-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0006519114	.	.	.	.	1	PPH	LB/DAY
1,1-DICHLOROETHENE (0075-35-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0006519114	.	.	.	.	1	PPH	LB/DAY
1,2-DICHLOROPROPANE (0078-87-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.001396953	.	.	.	.	1	PPH	LB/DAY
TRANS-1,3-DICHLOROPROPENE (10061026)	<u> X </u>	<u> </u>	<u> X </u>	<0.0009	<0.000209543	.	.	.	.	1	PPH	LB/DAY
ETHYL BENZENE (0100-41-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0072	<0.0016763436	.	.	.	.	1	PPH	LB/DAY
BROMOMETHANE (0074-83-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0014	<0.0003259557	.	.	.	.	1	PPH	LB/DAY
CHLOROMETHANE (0074-87-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.000256108	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - VOLATILE COMPOUNDS (CONT

METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.0006519114	.	.	.	.	1	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0069	<0.001606496	.	.	.	.	1	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<0.0009545845	.	.	.	.	1	PPH	LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.001396953	.	.	.	.	1	PPH	LB/DAY
1,2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.0003725208	.	.	.	.	1	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0008847369	.	.	.	.	1	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.005	<0.0011641275	.	.	.	.	1	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<0.0004423684	.	.	.	.	1	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)				NOT SAMPLED			NOT SAMPLED					
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<0.0004190859	.	.	.	.	1	PPH	LB/DAY

GCMS FRACTION - ACID COMPOUNDS

2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0033	<0.0007683242	.	.	.	.	1	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0056	<0.0013038228	.	.	.	.	1	PPH	LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0052	<0.0012106926	.	.	.	.	1	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.024	<0.005587812	.	.	.	.	1	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.042	<0.009778671	.	.	.	.	1	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0008381718	.	.	.	.	1	PPH	LB/DAY
4-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<0.0005587812	.	.	.	.	1	PPH	LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<0.0017461913	.	.	.	.	1	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.0008381718	.	.	.	.	1	PPH	LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0006286288	.	.	.	.	1	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0006286288	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCHS FRACTION - BASE/NEUTRAL COMPOUNDS

ACENAPHTHENE (0083-32-9)	<u>X</u>	<u> </u>	<u>X</u>	<0.003	<0.0006984765	.	.	.	.	1	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u>X</u>	<u> </u>	<u>X</u>	<0.0035	<0.0008148893	.	.	.	.	1	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u>X</u>	<u> </u>	<u>X</u>	<0.0019	<0.0004423684	.	.	.	.	1	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u>X</u>	<u> </u>	<u>X</u>	<0.063	<0.0146680065	.	.	.	.	1	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u>X</u>	<u> </u>	<u>X</u>	<0.0165	<0.0038416208	.	.	.	.	1	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u>X</u>	<u> </u>	<u>X</u>	<0.0025	<0.0005820638	.	.	.	.	1	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u>X</u>	<u> </u>	<u>X</u>	<0.0048	<0.0011175624	.	.	.	.	1	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u>X</u>	<u> </u>	<u>X</u>	<0.0041	<0.0009545845	.	.	.	.	1	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u>X</u>	<u> </u>	<u>X</u>	<0.0025	<0.0005820638	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u>X</u>	<u> </u>	<u>X</u>	<0.0053	<0.0012339751	.	.	.	.	1	PPH	LB/DAY
BIS(-2-CHLOROETHYL)ETHER (0111-44-4)	<u>X</u>	<u> </u>	<u>X</u>	<0.0057	<0.0013271054	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)				NOT SAMPLED			NOT SAMPLED					
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u>X</u>	<u> </u>	<u>X</u>	<0.0025	<0.0005820638	.	.	.	.	1	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u>X</u>	<u> </u>	<u>X</u>	<0.003	<0.0006984765	.	.	.	.	1	PPH	LB/DAY
BUTYL BENZYL PHTHALATE (0085-68-7)	<u>X</u>	<u> </u>	<u>X</u>	<0.0025	<0.0005820638	.	.	.	.	1	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u>X</u>	<u> </u>	<u>X</u>	<0.0046	<0.0010709973	.	.	.	.	1	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u>X</u>	<u> </u>	<u>X</u>	<0.0042	<0.0009778671	.	.	.	.	1	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u>X</u>	<u> </u>	<u>X</u>	<0.0025	<0.0005820638	.	.	.	.	1	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u>X</u>	<u> </u>	<u>X</u>	<0.0025	<0.0005820638	.	.	.	.	1	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u>X</u>	<u> </u>	<u>X</u>	<0.004	<0.000931302	.	.	.	.	1	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u>X</u>	<u> </u>	<u>X</u>	<0.0031	<0.0007217591	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - BASE/NEUTRAL COMP.(CONT)

GCMS FRACTION - BASE/NEUTRAL COMP.(CONT)	MARK X TESTING BELIEVED BELIEVED REQUIRED PRESENT ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
1,4-DICHLOROBENZENE (0106-46-7)	X		X	<0.0044	<0.0010244322	.	.	1	PPH	LB/DAY
3,3PR-DICHLOROBENZIDINE (0091-94-1)	X		X	<0.0078	<0.0018160389	.	.	1	PPH	LB/DAY
DIETHYLPHTHALATE (0084-66-2)	X		X	<0.0074	<0.0017229087	.	.	1	PPH	LB/DAY
DIMETHYL PHTHALATE (0131-11-3)	X		X	<0.0075	<0.0017461913	.	.	1	PPH	LB/DAY
DI-N-BUTYLPHTHALATE (0084-74-2)	X		X	<0.0064	<0.0014900832	.	.	1	PPH	LB/DAY
2,4-DINITROTOLUENE (0121-14-2)	X		X	<0.0057	<0.0013271054	.	.	1	PPH	LB/DAY
2,6-DINITROTOLUENE (0606-20-2)	X		X	<0.0034	<0.0007916067	.	.	1	PPH	LB/DAY
DI-N-OCTYLPHTHALATE (0117-84-0)	X		X	<0.0025	<0.0005820638	.	.	1	PPH	LB/DAY
1,2-DIPHENYLHYDRAZINE (0122-66-7)	X		X	<0.0088	<0.0020488644	.	.	1	PPH	LB/DAY
FLUORANTHENE (0206-44-0)	X		X	<0.0022	<0.0005122161	.	.	1	PPH	LB/DAY
FLUORENE (0086-73-7)	X		X	<0.0022	<0.0005122161	.	.	1	PPH	LB/DAY
HEXACHLOROBENZENE (0118-74-1)	X		X	<0.0031	<0.0007217591	.	.	1	PPH	LB/DAY
HEXACHLOROBUTADIENE (0087-68-3)	X		X	<0.0018	<0.0004190859	.	.	1	PPH	LB/DAY
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	X		X	<0.02	<0.00465651	.	.	1	PPH	LB/DAY
HEXACHLOROETHANE (0067-72-1)	X		X	<0.0024	<0.0005587812	.	.	1	PPH	LB/DAY
INDENO(1,2,3-CD)PYRENE (0193-39-5)	X		X	<0.0037	<0.0008614544	.	.	1	PPH	LB/DAY
ISOPHORONE (0078-59-1)	X		X	<0.0051	<0.00118741	.	.	1	PPH	LB/DAY
NAPHTHALENE (0091-20-3)	X		X	<0.0038	<0.0008847369	.	.	1	PPH	LB/DAY
NITROBENZENE (0098-95-3)	X		X	<0.0042	<0.0009778671	.	.	1	PPH	LB/DAY
N,N,NITROSODIMETHYLAMINE (0062-75-9)	X		X	<0.0062	<0.0014435181	.	.	1	PPH	LB/DAY
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	X		X	<0.0036	<0.0008381718	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - BASE/NEUTRAL COMP (CONT)

N-NITROSODIPHENYLAMINE (0086-30-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.0006286288	.	.	.	.	1	PPH	LB/DAY
PHENANTHRENE (0085-01-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0054	<0.0012572577	.	.	.	.	1	PPH	LB/DAY
PYRENE (0129-00-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.0008847369	.	.	.	.	1	PPH	LB/DAY
1,2,4-TRICHLOROBENZENE (0120-82-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0079	<0.0018393215	.	.	.	.	1	PPH	LB/DAY

GCMS FRACTION - PESTICIDES

ALDRIN (0309-00-2)	<u> </u>	<u> </u>	<u> X </u>	<0.0019	<0.0004423684	.	.	.	.	1	PPH	LB/DAY
ALPHA BHC (0319-84-6)	<u> </u>	<u> </u>	<u> X </u>	<0.0031	<0.0007217591	.	.	.	.	1	PPH	LB/DAY
BETA BHC (0319-85-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0042	<0.0009778671	.	.	.	.	1	PPH	LB/DAY
GAMMA BHC (0058-89-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0022	<0.0005122161	.	.	.	.	1	PPH	LB/DAY
DELTA BHC (0319-86-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0052	<0.0012106926	.	.	.	.	1	PPH	LB/DAY
CHLORDANE (0057-74-9)	<u> </u>	<u> </u>	<u> X </u>	<0.01	<0.002328255	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDT (0050-29-3)	<u> </u>	<u> </u>	<u> X </u>	<0.0051	<0.00118741	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDE (0072-55-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.0013038228	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDD (0072-54-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0041	<0.0009545845	.	.	.	.	1	PPH	LB/DAY
DIELDRIN (0060-57-1)	<u> </u>	<u> </u>	<u> X </u>	<0.0044	<0.0010244322	.	.	.	.	1	PPH	LB/DAY
ALPHA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0617	<0.0143653334	.	.	.	.	1	PPH	LB/DAY
BETA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0803	<0.0186958877	.	.	.	.	1	PPH	LB/DAY
ENDOSULFAN SULFATE (1031-07-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.0013038228	.	.	.	.	1	PPH	LB/DAY
ENDRIN (0072-20-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.0013038228	.	.	.	.	1	PPH	LB/DAY
ENDRIN ALDEHYDE (7421-93-4)	<u> </u>	<u> </u>	<u> X </u>	<0.065	<0.0151336575	.	.	.	.	1	PPH	LB/DAY
HEPTACHLOR (0076-44-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0043	<0.0010011496	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
 TESTING BELIEVED BELIEVED
 REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCHS FRACTION - PESTICIDES (CONTINUED)

	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
HEPTACHLOR EPOXIDE (1025-57-3)	_____	_____	X	<0.0022	<0.0005122161	.	.	.	.	1	PPH	LB/DAY
PCB 1242 (53469219)	_____	_____	X	<0.05	<0.011641275	.	.	.	.	1	PPH	LB/DAY
PCB 1254 (11097691)	_____	_____	X	<0.036	<0.008381718	.	.	.	.	1	PPH	LB/DAY
PCB 1221 (11104282)	_____	_____	X	<0.03	<0.006984765	.	.	.	.	1	PPH	LB/DAY
PCB 1232 (11141165)	_____	_____	X	<0.05	<0.011641275	.	.	.	.	1	PPH	LB/DAY
PCB 1248 (12672296)	_____	_____	X	<0.05	<0.011641275	.	.	.	.	1	PPH	LB/DAY
PCB 1260 (11096825)	_____	_____	X	<0.05	<0.011641275	.	.	.	.	1	PPH	LB/DAY
PCB 1016 (12674112)	_____	_____	X	<0.05	<0.011641275	.	.	.	.	1	PPH	LB/DAY
TOXAPHENE (8001-35-2)	_____	_____	X	<0.05	<0.011641275	.	.	.	.	1	PPH	LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
BIOCHEMICAL OXYGEN DEMAND	5.7	0.00475665	.	.	.	.	1	PPH LB/DAY
CHEMICAL OXYGEN DEMAND	10	0.008345	.	.	.	.	1	PPH LB/DAY
TOTAL ORGANIC CARBON	8.4	0.0070098	.	.	.	.	1	PPH LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<4	<0.0143	<1.66	<0.0091	5	PPH LB/DAY
AMMONIA, TOTAL	0.12	0.00010014	.	.	.	.	1	PPH LB/DAY
FLOW	.	.	0.0171	.	0.00993333	.	3	MGD .
TEMPERATURE (SUMMER)	25	.	.	.	.	.	1	DEGREES C .
PH	.	.	9.58 (MIN)	10.02 (MAX)	N/A	N/A	5	STD. UNITS .

PART B.

	MARK X		2. EFFLUENT				3. UNITS				
	BELIEVED PRESENT	BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE				
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
									1	PPH	LB/DAY
BROMIDE, TOTAL (24959-67-6)	_____	_____	<0.2	<0.0001669	.	.	.	.
CHLORINE, TOTAL RESIDUAL	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED						
CAS=. SITE=114 MONTH=8 YEAR=2000 PARAMTR=COLOR FLOW=0.0001_FREQ=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=10 LTALOAD=. LTAONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSM=. UNITS=NTU INTAKEN											
INTAKEC= INTAKEMS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0_I=. CHECK=0.2001669 I=. FILLIT= _ERROR_=0 _N_=1018											
COLOR	_____	_____	10	N/A	.	.	.	.	1	NTU	.
FECAL COLIFORM	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED						
FLUORIDE (16984-48-8)	_____	_____	0.127	0.0001059815	.	.	.	.	1	PPH	LB/DAY
NITRATE + NITRITE	_____	_____	<0.01	<8.345E-6	.	.	.	.	1	PPH	LB/DAY

EPA I.D. NUMBER= VA0004090 OUTFALL 114

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION MASS CONCENTRATION MASS CONCENTRATION MASS NO. OF CONCENTRATION MASS
ANALYSES

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS

67663 X X 6 0.005007 1 PPM LB/DAY
(0067-66-3)

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	<13.9	<3.1203	<5.1	<1.0976	3	PPM LB/DAY
FLOW	.	.	0.0429	.	0.02746667	.	3	MGD .
PH	.	.	8.11 (MIN)	10.2 (MAX)	N/A	N/A	3	STD. UNITS .

PART B.

 MARK X
 BELIEVED BELIEVED
 PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS
					NO. OF ANALYSES	CONCENTRATION MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 115

1. POLLUTANT

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS
MARK X								
BELIEVED	BELIEVED							
PRESENT	ABSENT							

POLLUTANT

OIL & GREASE	_____	_____	.	.	<6.7	<1.79	<5.5667	<1.2733	3	PPM	LB/DAY
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V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

OUTFALL 116

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
FLOW	2.0265	.	.	.	.	.	1	MGD .
PH	7.71 (MIN)	7.71 (MAX)	.	.	N/A	N/A	1	STD. UNITS .

PART B.

 MARK X
 BELIEVED BELIEVED
 PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS
					NO. OF ANALYSES	

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 116

1. POLLUTANT

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

POLLUTANT

OIL & GREASE

<5

<84.5557125

.

.

.

.

1

PPM

LB/DAY

PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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

3. UNITS

POLLUTANT	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	A. MAXIMUM DAILY VALUE							CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			

POLLUTANT

1.8

.

.

.

.

.

1

MGD

.

FLOW

7 (MIN)

7 (MAX)

.

.

N/A

N/A

1

STD. UNITS

.

PH

PART B.

MARK X
BELIEVED BELIEVED
PRESENT ABSENT

A. MAXIMUM DAILY VALUE

CONCENTRATION MASS

2. EFFLUENT
B. MAXIMUM 30 DAY VALUE

CONCENTRATION MASS

C. LONG TERM AVRG. VALUE

CONCENTRATION MASS

NO. OF
ANALYSES

3. UNITS

CONCENTRATION

MASS

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 117

PART C.		2. EFFLUENT						3. UNITS	
1. POLLUTANT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
	MARK X BELIEVED BELIEVED PRESENT ABSENT								
POLLUTANT							1	PPH	LB/DAY
OIL & GREASE	_____	_____	<5	<75.105	.	.	.	.

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT				3. UNITS				
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BIOCHEMICAL OXYGEN DEMAND	3.36	0.00280392	.	.	.	.	1	PPH	LB/DAY
CHEMICAL OXYGEN DEMAND	<5	<0.0041725	.	.	.	.	1	PPH	LB/DAY
TOTAL ORGANIC CARBON	6.4	0.0053408	.	.	.	.	1	PPH	LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<4	<0.7511	<1.55	<0.1638	6	PPH	LB/DAY
AMMONIA, TOTAL	0.27	0.000225315	.	.	.	.	1	PPH	LB/DAY
FLOW	.	.	0.09	.	0.07202	.	5	MGD	.
TEMPERATURE (SUMMER)	25	.	.	.	.	.	1	DEGREES C	.
PH	.	.	6.2 (MIN)	9.05 (MAX)	N/A	N/A	6	STD. UNITS	.

PART B.

PART B.	MARK X		2. EFFLUENT						3. UNITS		
	BELIEVED	BELIEVED	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	PRESENT	ABSENT									
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BROMIDE, TOTAL (24959-67-6)	_____	_____	<0.2	<0.0001669	.	.	.	.	1	PPH	LB/DAY
CHLORINE, TOTAL RESIDUAL	_____	<u> X </u>	NOT SAMPLED		NOT SAMPLED				1	PPH	LB/DAY
FLUORIDE (16984-48-8)	_____	_____	0.237	0.0001977765	.	.	.	.	1	PPH	LB/DAY
NITRATE + NITRITE	_____	_____	<0.01	<8.345E-6	.	.	.	.	1	PPH	LB/DAY

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090

OUTFALL 118

1. POLLUTANT

A. MAXIMUM DAILY VALUE

2. EFFLUENT
B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

3. UNITS

POLLUTANT	MARK X BELIEVED BELIEVED PRESENT ABSENT		CONCENTRATION MASS		CONCENTRATION MASS		CONCENTRATION MASS		NO. OF ANALYSES	CONCENTRATION MASS	
NITROGEN, TOTAL ORG. AS N	—	—	3.11	0.002595295	.	.	.	.	1	PPH	LB/DAY
OIL & GREASE	—	—	.	.	<5	.	<3.7552	.	6	PPH	LB/DAY
PHOSPHORUS (AS P), TOTAL	—	—	<0.01	<8.345E-6	.	.	.	<2.5049	1	PPH	LB/DAY
(7723-14-0)	—	—									
J. RADIOACTIVITY	—	—							1	PPH	LB/DAY
ALPHA, TOTAL	—	—	<0.3	.	.	.	.	.	1	PPH	LB/DAY
BETA, TOTAL	—	—	<0.6	.	.	.	.	.	1	PPH	LB/DAY
RADIUM, TOTAL	—	—	<0.6	<0.0005007	.	.	.	.	1	PPH	LB/DAY
RADIUM 226, TOTAL	—	—	0.2	0.0001669	.	.	.	.	1	PPH	LB/DAY
SULFATE (AS S ₀₄)	—	—	<0.5	<0.00041725	.	.	.	.	1	PPH	LB/DAY
SULFIDE (AS S)	—	—	0.01	8.345E-6	.	.	.	.	1	PPH	LB/DAY
SURFACTANTS	—	—	<0.025	<0.000208625	.	.	.	.	1	PPH	LB/DAY
ALUMINUM, TOTAL	—	—	<0.2	<0.0001669	.	.	.	.
(7429-90-5)	—	—							1	PPH	LB/DAY
BARIUM, TOTAL	—	—	<0.003	<2.5035E-6	.	.	.	.	1	PPH	LB/DAY
(7440-39-3)	—	—									
BORON, TOTAL	—	—	<0.02	<0.00001669	.	.	.	.	1	PPH	LB/DAY
(7440-42-8)	—	—									
COBALT, TOTAL	—	—	<0.003	<2.5035E-6	.	.	.	.	1	PPH	LB/DAY
(7440-48-4)	—	—									
IRON, TOTAL	—	—	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(7439-89-6)	—	—									
MAGNESIUM, TOTAL	—	—	<0.01	<8.345E-6	.	.	.	.	1	PPH	LB/DAY
(7439-95-4)	—	—									
MOLYBDENUM, TOTAL	—	—	<0.001	<8.345E-7	.	.	.	.	1	PPH	LB/DAY
(7439-98-7)	—	—									
MANGANESE, TOTAL	—	—	<0.02	<0.00001669	.	.	.	.	1	PPH	LB/DAY
(7439-96-5)	—	—									
TIN, TOTAL	—	—	<0.005	<4.1725E-6	.	.	.	.	1	PPH	LB/DAY
(7440-31-5)	—	—									
TITANIUM, TOTAL	—	—	<0.01	<8.345E-6	.	.	.	.
(7440-32-6)	—	—									

CONTINUED FROM PAGE V2
1. POLLUTANT

EPA I.D. NUMBER= VA0004090

OUTFALL 118

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

POLLUTANT	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	A. CONCENTRATION	A. MASS	B. CONCENTRATION	B. MASS	C. CONCENTRATION	C. MASS	NO. OF ANALYSES	CONCENTRATION	MASS
ANTIMONY, TOTAL (7440-36-0)	X			<0.002	<1.669E-6	.	.	.	.	1	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	X			<0.003	<2.5035E-6	.	.	.	.	1	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	X			<0.0002	<1.669E-7	.	.	.	.	1	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	X			<0.0003	<2.5035E-7	.	.	.	.	1	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	X			<0.001	<8.345E-7	.	.	.	.	1	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	X			0.002	1.669E-6	.	.	.	.	1	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	X			<0.001	<8.345E-7	.	.	.	.	1	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	X			<0.0002	<1.669E-7	.	.	.	.	1	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	X			<0.005	<4.1725E-6	.	.	.	.	1	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	X			<0.003	<2.5035E-6	.	.	.	.	1	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	X			0.0004	3.338E-7	.	.	.	.	1	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	X			<0.002	<1.669E-6	.	.	.	.	1	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	X			0.033	0.0000275385	.	.	.	.	1	PPH	LB/DAY
CYANIDE, TOTAL (0057-12-5)	X			<0.01	<8.345E-6	.	.	.	.	1	PPH	LB/DAY
PHENOLS, TOTAL	X			<0.01	<8.345E-6	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
MARK X												
TESTING BELIEVED BELIEVED												
REQUIRED PRESENT ABSENT												
GCHS FRACTION - VOLATILE COMPOUNDS												
ACROLEIN	<u> X </u>	<u> </u>	<u> X </u>	<0.0408	<0.0000340476	.	.	.	.	1	PPH	LB/DAY
(0107-02-8)												
ACRYLONITRILE	<u> X </u>	<u> </u>	<u> X </u>	<0.0015	<1.25175E-6	.	.	.	.	1	PPH	LB/DAY
(0107-13-1)												
BENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<3.6718E-6	.	.	.	.	1	PPH	LB/DAY
(0071-43-2)												
BIS (CHLOROMETHYL) ETHER				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
(542-88-1)												
BROMOFORM	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<3.92215E-6	.	.	.	.	1	PPH	LB/DAY
(0075-25-2)												
CARBON TETRACHLORIDE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<2.3366E-6	.	.	.	.	1	PPH	LB/DAY
(0056-23-5)												
CHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<5.007E-6	.	.	.	.	1	PPH	LB/DAY
(0108-90-7)												
DIBROMOCHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<2.58695E-6	.	.	.	.	1	PPH	LB/DAY
(0124-48-1)												
CHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<9.1795E-7	.	.	.	.	1	PPH	LB/DAY
(0075-00-3)												
2-CHLOROETHYL VINYL ETHER	<u> X </u>	<u> </u>	<u> X </u>	<0.0012	<1.0014E-6	.	.	.	.	1	PPH	LB/DAY
(0110-75-8)												
CHLOROFORM	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<1.3352E-6	.	.	.	.	1	PPH	LB/DAY
(0067-66-3)												
BROMODICHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<1.8359E-6	.	.	.	.	1	PPH	LB/DAY
(0075-27-4)												
1,1-DICHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<3.92215E-6	.	.	.	.	1	PPH	LB/DAY
(0075-34-3)												
1,2-DICHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<2.3366E-6	.	.	.	.	1	PPH	LB/DAY
(0107-06-2)												
1,1-DICHLOROETHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<2.3366E-6	.	.	.	.	1	PPH	LB/DAY
(0075-35-4)												
1,2-DICHLOROPROPANE	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<5.007E-6	.	.	.	.	1	PPH	LB/DAY
(0078-87-5)												
TRANS-1,3-DICHLOROPROPENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0009	<7.5105E-7	.	.	.	.	1	PPH	LB/DAY
(10061026)												
ETHYL BENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0072	<6.0084E-6	.	.	.	.	1	PPH	LB/DAY
(0100-41-4)												
BROMOMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0014	<1.1683E-6	.	.	.	.	1	PPH	LB/DAY
(0074-83-9)												
CHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<9.1795E-7	.	.	.	.	1	PPH	LB/DAY
(0074-87-3)												

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

GCMS FRACTION - VOLATILE COMPOUNDS (CONT

METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<2.3366E-6	.	.	.	.	1	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0069	<5.75805E-6	.	.	.	.	1	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<3.42145E-6	.	.	.	.	1	PPH	LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<5.007E-6	.	.	.	.	1	PPH	LB/DAY
1 2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<1.3352E-6	.	.	.	.	1	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<3.1711E-6	.	.	.	.	1	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.005	<4.1725E-6	.	.	.	.	1	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<1.58555E-6	.	.	.	.	1	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)				NOT SAMPLED			NOT SAMPLED					
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<1.5021E-6	.	.	.	.	1	PPH	LB/DAY

GCMS FRACTION - ACID COMPOUNDS

2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0033	<2.75385E-6	.	.	.	.	1	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0056	<4.6732E-6	.	.	.	.	1	PPH	LB/DAY
2,4-DIHETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0052	<4.3394E-6	.	.	.	.	1	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.024	<0.000020028	.	.	.	.	1	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.042	<0.000035049	.	.	.	.	1	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<3.0042E-6	.	.	.	.	1	PPH	LB/DAY
4-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<2.0028E-6	.	.	.	.	1	PPH	LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<6.25875E-6	.	.	.	.	1	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<3.0042E-6	.	.	.	.	1	PPH	LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<2.25315E-6	.	.	.	.	1	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<2.25315E-6	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	HASS			
				CONCENTRATION	HASS	CONCENTRATION	HASS	CONCENTRATION	HASS						
MARK X															
TESTING BELIEVED BELIEVED															
REQUIRED PRESENT ABSENT															
GCMS FRACTION - BASE/NEUTRAL COMPOUNDS															
ACENAPHTHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.003	<2.5035E-6	.	.	.	.	1	PPH	LB/DAY
(0083-32-9)						.	.	.	.	1	PPH	LB/DAY
ACENAPHTHYLENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0035	<2.92075E-6	.	.	.	.	1	PPH	LB/DAY
(0208-96-8)						.	.	.	.	1	PPH	LB/DAY
ANTHRACENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<1.58555E-6	.	.	.	.	1	PPH	LB/DAY
(0120-12-7)						.	.	.	.	1	PPH	LB/DAY
BENZIDINE	<u> X </u>	<u> </u>	<u> X </u>	<0.063	<0.0000525735	.	.	.	.	1	PPH	LB/DAY
(0092-87-5)						.	.	.	.	1	PPH	LB/DAY
BENZO(A)ANTHRACENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0165	<0.0000137693	.	.	.	.	1	PPH	LB/DAY
(0056-55-3)						.	.	.	.	1	PPH	LB/DAY
BENZO(A)PYRENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
(0050-32-8)						.	.	.	.	1	PPH	LB/DAY
BENZO(B)FLUORANTHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0048	<4.0056E-6	.	.	.	.	1	PPH	LB/DAY
(0205-99-2)						.	.	.	.	1	PPH	LB/DAY
BENZO(G H I)PERYLENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<3.42145E-6	.	.	.	.	1	PPH	LB/DAY
(0191-24-2)						.	.	.	.	1	PPH	LB/DAY
BENZO(K)FLUORANTHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
(0207-08-9)						.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0053	<4.42285E-6	.	.	.	.	1	PPH	LB/DAY
(0111-91-1)						.	.	.	.	1	PPH	LB/DAY
BIS(-2-CHLOROETHYL)ETHER	<u> X </u>	<u> </u>	<u> X </u>	<0.0057	<4.75665E-6	.	.	.	.	1	PPH	LB/DAY
(0111-44-4)						.	.	.	.		
BIS(2-CHLOROISOPROPYL)ETHER				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED							
(102-60-1)										1	PPH	LB/DAY			
BIS(2-ETHYLHEXYL)PHTHALATE	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
(0117-81-7)						.	.	.	.	1	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER	<u> X </u>	<u> </u>	<u> X </u>	<0.003	<2.5035E-6	.	.	.	.	1	PPH	LB/DAY
(0101-55-3)						.	.	.	.	1	PPH	LB/DAY
BUTYLBENZYLPHthalate	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
(0085-68-7)						.	.	.	.	1	PPH	LB/DAY
2-CHLORONAPHTHALENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0046	<3.8387E-6	.	.	.	.	1	PPH	LB/DAY
(0091-58-7)						.	.	.	.	1	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER	<u> X </u>	<u> </u>	<u> X </u>	<0.0042	<3.5049E-6	.	.	.	.	1	PPH	LB/DAY
(7005-72-3)						.	.	.	.	1	PPH	LB/DAY
CHRYSENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
(0218-01-9)						.	.	.	.	1	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
(0053-70-3)						.	.	.	.	1	PPH	LB/DAY
1,2-DICHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.004	<3.338E-6	.	.	.	.	1	PPH	LB/DAY
(0095-50-1)						.	.	.	.	1	PPH	LB/DAY
1,3-DICHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<2.58695E-6	.	.	.	.	1	PPH	LB/DAY
(0541-73-1)						.	.	.	.		

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCHS FRACTION - BASE/NEUTRAL COMP.(CONT)

	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
1,4-DICHLOROBENZENE (0106-46-7)	X		X	<0.0044	<3.6718E-6	.	.	.	.	1	PPH	LB/DAY
3,3PR-DICHLOROBENZIDINE (0091-94-1)	X		X	<0.0078	<6.5091E-6	.	.	.	.	1	PPH	LB/DAY
DIETHYLPHTHALATE (0084-66-2)	X		X	<0.0074	<6.1753E-6	.	.	.	.	1	PPH	LB/DAY
DIMETHYL PHTHALATE (0131-11-3)	X		X	<0.0075	<6.25875E-6	.	.	.	.	1	PPH	LB/DAY
DI-N-BUTYLPHTHALATE (0084-74-2)	X		X	<0.0064	<5.3408E-6	.	.	.	.	1	PPH	LB/DAY
2,4-DINITROTOLUENE (0121-14-2)	X		X	<0.0057	<4.75665E-6	.	.	.	.	1	PPH	LB/DAY
2,6-DINITROTOLUENE (0606-20-2)	X		X	<0.0034	<2.8373E-6	.	.	.	.	1	PPH	LB/DAY
DI-N-OCTYLPHTHALATE (0117-84-0)	X		X	<0.0025	<2.08625E-6	.	.	.	.	1	PPH	LB/DAY
1,2-DIPHENYLHYDRAZINE (0122-66-7)	X		X	<0.0088	<7.3436E-6	.	.	.	.	1	PPH	LB/DAY
FLUORANTHENE (0206-44-0)	X		X	<0.0022	<1.8359E-6	.	.	.	.	1	PPH	LB/DAY
FLUORENE (0086-73-7)	X		X	<0.0022	<1.8359E-6	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROBENZENE (0118-74-1)	X		X	<0.0031	<2.58695E-6	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROBUTADIENE (0087-68-3)	X		X	<0.0018	<1.5021E-6	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	X		X	<0.02	<0.00001669	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROETHANE (0067-72-1)	X		X	<0.0024	<2.0028E-6	.	.	.	.	1	PPH	LB/DAY
INDENO(1,2,3-CD)PYRENE (0193-39-5)	X		X	<0.0037	<3.08765E-6	.	.	.	.	1	PPH	LB/DAY
ISOPHORONE (0078-59-1)	X		X	<0.0051	<4.25595E-6	.	.	.	.	1	PPH	LB/DAY
NAPHTHALENE (0091-20-3)	X		X	<0.0038	<3.1711E-6	.	.	.	.	1	PPH	LB/DAY
NITROBENZENE (0098-95-3)	X		X	<0.0042	<3.5049E-6	.	.	.	.	1	PPH	LB/DAY
N,NITROSODIMETHYLAMINE (0062-75-9)	X		X	<0.0062	<5.1739E-6	.	.	.	.	1	PPH	LB/DAY
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	X		X	<0.0036	<3.0042E-6	.	.	.	.	1	PPH	LB/DAY

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION		MASS
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS	
MARK X													
TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT											
GCMS FRACTION - BASE/NEUTRAL COMP (CONT)													
N-NITROSODIPHENYLAMINE (0086-30-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<2.25315E-6	.	.	.	.	1	PPH	LB/DAY
PHENANTHRENE (0085-01-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0054	<4.5063E-6	.	.	.	.	1	PPH	LB/DAY
PYRENE (0129-00-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<3.1711E-6	.	.	.	.	1	PPH	LB/DAY
1,2,4-TRICHLORBENZENE (0120-82-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0079	<6.59255E-6	.	.	.	.	1	PPH	LB/DAY
GCMS FRACTION - PESTICIDES													
ALDRIN (0309-00-2)	<u> </u>	<u> </u>	<u> X </u>	<0.0019	<1.58555E-6	.	.	.	.	1	PPH	LB/DAY
ALPHA BHC (0319-84-6)	<u> </u>	<u> </u>	<u> X </u>	<0.0031	<2.58695E-6	.	.	.	.	1	PPH	LB/DAY
BETA BHC (0319-85-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0042	<3.5049E-6	.	.	.	.	1	PPH	LB/DAY
GAMMA BHC (0058-89-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0022	<1.8359E-6	.	.	.	.	1	PPH	LB/DAY
DELTA BHC (0319-86-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0052	<4.3394E-6	.	.	.	.	1	PPH	LB/DAY
CHLORDANE (0057-74-9)	<u> </u>	<u> </u>	<u> X </u>	<0.01	<8.345E-6	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDT (0050-29-3)	<u> </u>	<u> </u>	<u> X </u>	<0.0051	<4.25595E-6	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDE (0072-55-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<4.6732E-6	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDD (0072-54-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0041	<3.42145E-6	.	.	.	.	1	PPH	LB/DAY
DIELDRIN (0060-57-1)	<u> </u>	<u> </u>	<u> X </u>	<0.0044	<3.6718E-6	.	.	.	.	1	PPH	LB/DAY
ALPHA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0617	<0.0000514887	.	.	.	.	1	PPH	LB/DAY
BETA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0803	<0.0000670104	.	.	.	.	1	PPH	LB/DAY
ENDOSULFAN SULFATE (1031-07-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<4.6732E-6	.	.	.	.	1	PPH	LB/DAY
ENDRIN (0072-20-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<4.6732E-6	.	.	.	.	1	PPH	LB/DAY
ENDRIN ALDEHYDE (7421-93-4)	<u> </u>	<u> </u>	<u> X </u>	<0.065	<0.0000542425	.	.	.	.	1	PPH	LB/DAY
HEPTACHLOR (0076-44-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0043	<3.58835E-6	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION		MASS
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS	
MARK X													
TESTING				BELIEVED		BELIEVED							
REQUIRED				PRESENT		ABSENT							
GCHS FRACTION - PESTICIDES (CONTINUED)													
HEPTACHLOR EPOXIDE	_____	_____	<u> X </u>	<0.0022	<1.8359E-6	.	.	.	.	1	PPH	LB/DAY
(1025-57-3)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
PCB 1242	_____	_____	<u> X </u>	<0.036	<0.000030042	.	.	.	.	1	PPH	LB/DAY
(53469219)	_____	_____	<u> X </u>	<0.03	<0.000025035	.	.	.	.	1	PPH	LB/DAY
PCB 1254	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(11097691)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
PCB 1221	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(11104282)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
PCB 1232	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(11141165)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
PCB 1248	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(12672296)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
PCB 1260	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(11096825)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
PCB 1016	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(12674112)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
TOXAPHENE	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY
(8001-35-2)	_____	_____	<u> X </u>	<0.05	<0.000041725	.	.	.	.	1	PPH	LB/DAY

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT							3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE			CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES		
TOTAL SUSPENDED SOLIDS	.	.	<0.1	<0.0751	<0.1	<0.0751	2	PPM	LB/DAY
FLOW	.	.	0.09	.	0.09	.	2	MGD	.
PH	.	.	7.28 (MIN)	7.59 (MAX)	N/A	N/A	2	STD. UNITS	.

PART B.

 MARK X
 BELIEVED BELIEVED
 PRESENT ABSENT

2. EFFLUENT						3. UNITS		
A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 119

1. POLLUTANT

		2. EFFLUENT						3. UNITS	
		A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE			
		CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
MARK X BELIEVED BELIEVED PRESENT ABSENT									
POLLUTANT									
OIL & GREASE	_____	_____	.	<5	<3.7552	<5	<3.7552	2	PPM LB/DAY

PAGE V2

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

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	2. EFFLUENT				3. UNITS				
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BIOCHEMICAL OXYGEN DEMAND	<2	<0.63422	.	.	.	.	1	PPH	LB/DAY
CHEMICAL OXYGEN DEMAND	<5	<1.58555	.	.	.	.	1	PPH	LB/DAY
TOTAL ORGANIC CARBON	5.2	1.648972	.	.	.	.	1	PPH	LB/DAY
TOTAL SUSPENDED SOLIDS	.	.	<2.3	<0.7294	<2.3	<0.7294	2	PPH	LB/DAY
AMMONIA,TOTAL	0.18	0.0570798	.	.	.	.	1	PPH	LB/DAY
FLOW	0.038	.	.	.	.	.	1	MGD	.
TEMPERATURE (SUMMER)	26	.	.	.	.	.	1	DEGREES C	.
PH	.	.	5.05 (MIN)	8.1 (MAX)	N/A	N/A	2	STD. UNITS	.

PART B.

	MARK X		2. EFFLUENT						3. UNITS		
	BELIEVED PRESENT	BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION PPM	MASS LB/DAY
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS			
BROHIDE, TOTAL (24959-67-6)	_____	_____	<0.2	<0.063422	.	.	.	.	1		
CHLORINE, TOTAL RESIDUAL	_____	__X__	NOT SAMPLED				NOT SAMPLED				
CAS=. SITE=120 MONTH=8 YEAR=2000 PARAMTR=COLOR FLOW=0.038 _FREQ_=1 SAMPLES=. MAXDAYLD=N/A MAXDAYCN=60 LTALOAD=. LTAONC=. MAX30LD=. MAX30CN=. ORDER=13 UNITSM=. UNITS=NTU INTAKEN=											
INTAKEC= INTAKEMS= PAGE=V1 GROUP=POLLUTANT FIRST.SITE=0 LAST.SITE=0 FIRST.PAGE=0 LAST.PAGE=0 FIRST.GROUP=0 LAST.GROUP=0 _I_=. CHECK=0.263422 I=. FILLIT= _ERROR_=0 _N_=1233											
COLOR	_____	_____	60	N/A	.	.	.	.	1	NTU	.
FECAL COLIFORM	_____	__X__	NOT SAMPLED				NOT SAMPLED				
FLUORIDE (16984-48-8)	_____	_____	1.691	0.53623301	.	.	.	.	1	PPM	LB/DAY
NITRATE + NITRITE	_____	_____	0.01	0.0031711	.	.	.	.	1	PPM	LB/DAY

1. POLLUTANT

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE C. LONG TERM AVRG. VALUE

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

MARK X

TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

METALS, CYANIDE, AND TOTAL PHENOLS

POLLUTANT

POLLUTANT	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
ANTIMONY, TOTAL (7440-36-0)	<u> X </u>	<u> </u>	<u> </u>	0.002	0.00063422	.	.	.	.	1	PPH	LB/DAY
ARSENIC, TOTAL (7440-38-2)	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.00095133	.	.	.	.	1	PPH	LB/DAY
BERYLLIUM, TOTAL (7440-41-7)	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<0.000063422	.	.	.	.	1	PPH	LB/DAY
CADMIUM, TOTAL (7440-43-9)	<u> X </u>	<u> </u>	<u> </u>	<0.0003	<0.000095133	.	.	.	.	1	PPH	LB/DAY
CHROMIUM, TOTAL (7440-47-3)	<u> X </u>	<u> </u>	<u> </u>	0.001	0.00031711	.	.	.	.	1	PPH	LB/DAY
COPPER, TOTAL (7440-50-8)	<u> X </u>	<u> </u>	<u> </u>	0.017	0.00539087	.	.	.	.	1	PPH	LB/DAY
LEAD, TOTAL (7439-92-1)	<u> X </u>	<u> </u>	<u> </u>	0.003	0.00095133	.	.	.	.	1	PPH	LB/DAY
MERCURY, TOTAL (7439-97-6)	<u> X </u>	<u> </u>	<u> </u>	<0.0002	<0.000063422	.	.	.	.	1	PPH	LB/DAY
NICKEL, TOTAL (7440-02-0)	<u> X </u>	<u> </u>	<u> </u>	<0.005	<0.00158555	.	.	.	.	1	PPH	LB/DAY
SELENIUM, TOTAL (7782-49-2)	<u> X </u>	<u> </u>	<u> </u>	<0.003	<0.00095133	.	.	.	.	1	PPH	LB/DAY
SILVER, TOTAL (7440-22-4)	<u> X </u>	<u> </u>	<u> </u>	0.0004	0.000126844	.	.	.	.	1	PPH	LB/DAY
THALLIUM, TOTAL (7440-28-0)	<u> X </u>	<u> </u>	<u> </u>	<0.002	<0.00063422	.	.	.	.	1	PPH	LB/DAY
ZINC, TOTAL (7440-66-6)	<u> X </u>	<u> </u>	<u> </u>	0.01	0.0031711	.	.	.	.	1	PPH	LB/DAY
CYANIDE , TOTAL (0057-12-5)	<u> X </u>	<u> </u>	<u> </u>	<0.01	<0.0031711	.	.	.	.	1	PPH	LB/DAY
PHENOLS , TOTAL	<u> X </u>	<u> </u>	<u> </u>	<0.01	<0.0031711	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE				
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
MARK X												
TESTING BELIEVED BELIEVED												
REQUIRED PRESENT ABSENT												
GCMS FRACTION - VOLATILE COMPOUNDS												
ACROLEIN	<u> X </u>	<u> </u>	<u> X </u>	<0.0408	<0.012938088	.	.	.	.	1	PPH	LB/DAY
(0107-02-8)												
ACRYLONITRILE	<u> X </u>	<u> </u>	<u> X </u>	<0.0015	<0.000475665	.	.	.	.	1	PPH	LB/DAY
(0107-13-1)												
BENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<0.001395284	.	.	.	.	1	PPH	LB/DAY
(0071-43-2)												
BIS (CHLOROMETHYL) ETHER				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
(542-88-1)												
BROMOFORM	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.001490417	.	.	.	.	1	PPH	LB/DAY
(0075-25-2)												
CARBON TETRACHLORIDE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.000887908	.	.	.	.	1	PPH	LB/DAY
(0056-23-5)												
CHLOROBENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.00190266	.	.	.	.	1	PPH	LB/DAY
(0108-90-7)												
DIBROMOCHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.000983041	.	.	.	.	1	PPH	LB/DAY
(0124-48-1)												
CHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.000348821	.	.	.	.	1	PPH	LB/DAY
(0075-00-3)												
2-CHLOROETHYL VINYL ETHER	<u> X </u>	<u> </u>	<u> X </u>	<0.0012	<0.000380532	.	.	.	.	1	PPH	LB/DAY
(0110-75-8)												
CHLOROFORM	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.000507376	.	.	.	.	1	PPH	LB/DAY
(0067-66-3)												
BROMODICHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.000697642	.	.	.	.	1	PPH	LB/DAY
(0075-27-4)												
1,1-DICHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0047	<0.001490417	.	.	.	.	1	PPH	LB/DAY
(0075-34-3)												
1,2-DICHLOROETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.000887908	.	.	.	.	1	PPH	LB/DAY
(0107-06-2)												
1,1-DICHLOROETHENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.000887908	.	.	.	.	1	PPH	LB/DAY
(0075-35-4)												
1,2-DICHLOROPROPANE	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.00190266	.	.	.	.	1	PPH	LB/DAY
(0078-87-5)												
TRANS-1,3-DICHLOROPROPENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0009	<0.000285399	.	.	.	.	1	PPH	LB/DAY
(10061026)												
ETHYL BENZENE	<u> X </u>	<u> </u>	<u> X </u>	<0.0072	<0.002283192	.	.	.	.	1	PPH	LB/DAY
(0100-41-4)												
BROMOMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0014	<0.000443954	.	.	.	.	1	PPH	LB/DAY
(0074-83-9)												
CHLOROMETHANE	<u> X </u>	<u> </u>	<u> X </u>	<0.0011	<0.000348821	.	.	.	.	1	PPH	LB/DAY
(0074-87-3)												

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	3. UNITS	
	CONCENTRATION	MASS		CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS
	MARK X									
	TESTING	BELIEVED	BELIEVED							
	REQUIRED	PRESENT	ABSENT							
GCMS FRACTION - VOLATILE COMPOUNDS (CONT)										
METHYLENE CHLORIDE (0075-09-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0028	<0.000887908	.	.	1	PPH	LB/DAY
1,1,2,2-TETRACHLOROETHANE (0079-34-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0069	<0.002188059	.	.	1	PPH	LB/DAY
TETRACHLOROETHENE (0127-18-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<0.001300151	.	.	1	PPH	LB/DAY
TOLUENE (0108-88-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.006	<0.00190266	.	.	1	PPH	LB/DAY
1 2-TRANS-DICHLOROETHYLENE (0156-60-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0016	<0.000507376	.	.	1	PPH	LB/DAY
1,1,1-TRICHLOROETHANE (0071-55-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.001205018	.	.	1	PPH	LB/DAY
1,1,2-TRICHLOROETHANE (0079-00-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.005	<0.00158555	.	.	1	PPH	LB/DAY
TRICHLOROETHENE (0079-01-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<0.000602509	.	.	1	PPH	LB/DAY
TRICHLOROFLUOROMETHANE (75-69-4)				NOT SAMPLED		NOT SAMPLED				
VINYL CHLORIDE (0075-01-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<0.000570798	.	.	1	PPH	LB/DAY
GCMS FRACTION - ACID COMPOUNDS										
2-CHLOROPHENOL (0095-57-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0033	<0.001046463	.	.	1	PPH	LB/DAY
2,4-DICHLOROPHENOL (0120-83-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0056	<0.001775816	.	.	1	PPH	LB/DAY
2,4-DIMETHYLPHENOL (0105-67-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0052	<0.001648972	.	.	1	PPH	LB/DAY
4,6-DINITRO-2-METHYLPHENOL (0534-52-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.024	<0.00761064	.	.	1	PPH	LB/DAY
2,4-DINITROPHENOL (0051-28-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.042	<0.01331862	.	.	1	PPH	LB/DAY
2-NITROPHENOL (0088-75-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.001141596	.	.	1	PPH	LB/DAY
4-NITROPHENOL (0100-02-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<0.000761064	.	.	1	PPH	LB/DAY
4-CHLORO-3-METHYLPHENOL (0059-50-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<0.002378325	.	.	1	PPH	LB/DAY
PENTACHLOROPHENOL (0087-86-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.001141596	.	.	1	PPH	LB/DAY
PHENOL (0108-95-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.000856197	.	.	1	PPH	LB/DAY
2,4,6-TRICHLOROPHENOL (0088-06-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.000856197	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

	A. MAXIMUM DAILY VALUE			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION		MASS	
	MARK X TESTING REQUIRED	BELIEVED PRESENT	BELIEVED ABSENT	CONCENTRATION	MASS	CONCENTRATION	MASS		CONCENTRATION	MASS		
GCHS FRACTION - BASE/NEUTRAL COMPOUNDS												
ACENAPHTHENE (0083-32-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.003	<0.00095133	.	.	.	.	1	PPH	LB/DAY
ACENAPHTHYLENE (0208-96-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0035	<0.001109885	.	.	.	.	1	PPH	LB/DAY
ANTHRACENE (0120-12-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0019	<0.000602509	.	.	.	.	1	PPH	LB/DAY
BENZIDINE (0092-87-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.063	<0.01997793	.	.	.	.	1	PPH	LB/DAY
BENZO(A)ANTHRACENE (0056-55-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0165	<0.005232315	.	.	.	.	1	PPH	LB/DAY
BENZO(A)PYRENE (0050-32-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
BENZO(B)FLUORANTHENE (0205-99-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0048	<0.001522128	.	.	.	.	1	PPH	LB/DAY
BENZO(G H I)PERYLENE (0191-24-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0041	<0.001300151	.	.	.	.	1	PPH	LB/DAY
BENZO(K)FLUORANTHENE (0207-08-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROETHOXY)METHANE (0111-91-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0053	<0.001680683	.	.	.	.	1	PPH	LB/DAY
BIS(-2-CHLOROETHYL)ETHER (0111-44-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.0057	<0.001807527	.	.	.	.	1	PPH	LB/DAY
BIS(2-CHLOROISOPROPYL)ETHER (102-60-1)				NOT SAMPLED		NOT SAMPLED		NOT SAMPLED				
BIS(2-ETHYLHEXYL)PHTHALATE (0117-81-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
4-BROMOPHENYL-PHENYLETHER (0101-55-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.003	<0.00095133	.	.	.	.	1	PPH	LB/DAY
BUTYLBENZYLPHthalate (0085-68-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
2-CHLORONAPHTHALENE (0091-58-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0046	<0.001458706	.	.	.	.	1	PPH	LB/DAY
4-CHLOROPHENYL-PHENYLETHER (7005-72-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0042	<0.001331862	.	.	.	.	1	PPH	LB/DAY
CHRYSENE (0218-01-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
DIBENZO(A H)ANTHRACENE (0053-70-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
1,2-DICHLOROBENZENE (0095-50-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.004	<0.00126844	.	.	.	.	1	PPH	LB/DAY
1,3-DICHLOROBENZENE (0541-73-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.000983041	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

				A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE				
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS
MARK X TESTING BELIEVED BELIEVED REQUIRED PRESENT ABSENT												
GCHS FRACTION - BASE/NEUTRAL COMP.(CONT)												
1,4-DICHLOROBENZENE (0106-46-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0044	<0.001395284	.	.	.	.	1	PPH	LB/DAY
3,3PR-DICHLOROBENZIDINE (0091-94-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0078	<0.002473458	.	.	.	.	1	PPH	LB/DAY
DIETHYLPHTHALATE (0084-66-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0074	<0.002346614	.	.	.	.	1	PPH	LB/DAY
DIMETHYL PHTHALATE (0131-11-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0075	<0.002378325	.	.	.	.	1	PPH	LB/DAY
DI-N-BUTYLPHTHALATE (0084-74-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0064	<0.002029504	.	.	.	.	1	PPH	LB/DAY
2,4-DINITROTOLUENE (0121-14-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0057	<0.001807527	.	.	.	.	1	PPH	LB/DAY
2,6-DINITROTOLUENE (0606-20-2)	<u> X </u>	<u> </u>	<u> X </u>	<0.0034	<0.001078174	.	.	.	.	1	PPH	LB/DAY
DI-N-OCTYLPHTHALATE (0117-84-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0025	<0.000792775	.	.	.	.	1	PPH	LB/DAY
1,2-DIPHENYLHYDRAZINE (0122-66-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0088	<0.002790568	.	.	.	.	1	PPH	LB/DAY
FLUORANTHENE (0206-44-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.000697642	.	.	.	.	1	PPH	LB/DAY
FLUORENE (0086-73-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0022	<0.000697642	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROBENZENE (0118-74-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0031	<0.000983041	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROBUTADIENE (0087-68-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0018	<0.000570798	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROCYCLOPENTADIENE (0077-47-4)	<u> X </u>	<u> </u>	<u> X </u>	<0.02	<0.0063422	.	.	.	.	1	PPH	LB/DAY
HEXACHLOROETHANE (0067-72-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0024	<0.000761064	.	.	.	.	1	PPH	LB/DAY
INDENO(1,2,3-CD)PYRENE (0193-39-5)	<u> X </u>	<u> </u>	<u> X </u>	<0.0037	<0.001173307	.	.	.	.	1	PPH	LB/DAY
ISOPHORONE (0078-59-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0051	<0.001617261	.	.	.	.	1	PPH	LB/DAY
NAPHTHALENE (0091-20-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.001205018	.	.	.	.	1	PPH	LB/DAY
NITROBENZENE (0098-95-3)	<u> X </u>	<u> </u>	<u> X </u>	<0.0042	<0.001331862	.	.	.	.	1	PPH	LB/DAY
N,NITROSODIMETHYLAMINE (0062-75-9)	<u> X </u>	<u> </u>	<u> X </u>	<0.0062	<0.001966082	.	.	.	.	1	PPH	LB/DAY
N-NITROSO-DI-N-PROPYLAMINE (0621-64-7)	<u> X </u>	<u> </u>	<u> X </u>	<0.0036	<0.001141596	.	.	.	.	1	PPH	LB/DAY

2. EFFLUENT

3. UNITS

A. MAXIMUM DAILY VALUE

B. MAXIMUM 30 DAY VALUE

C. LONG TERM AVRG. VALUE

MARK X
TESTING BELIEVED BELIEVED
REQUIRED PRESENT ABSENT

CONCENTRATION

MASS

CONCENTRATION

MASS

CONCENTRATION

MASS

NO. OF
ANALYSES

CONCENTRATION

MASS

GCMS FRACTION - BASE/NEUTRAL COMP (CONT)

N-NITROSODIPHENYLAMINE (0086-30-6)	<u> X </u>	<u> </u>	<u> X </u>	<0.0027	<0.000856197	.	.	.	.	1	PPH	LB/DAY
PHENANTHRENE (0085-01-8)	<u> X </u>	<u> </u>	<u> X </u>	<0.0054	<0.001712394	.	.	.	.	1	PPH	LB/DAY
PYRENE (0129-00-0)	<u> X </u>	<u> </u>	<u> X </u>	<0.0038	<0.001205018	.	.	.	.	1	PPH	LB/DAY
1,2,4-TRICHLORBENZENE (0120-82-1)	<u> X </u>	<u> </u>	<u> X </u>	<0.0079	<0.002505169	.	.	.	.	1	PPH	LB/DAY

GCMS FRACTION - PESTICIDES

ALDRIN (0309-00-2)	<u> </u>	<u> </u>	<u> X </u>	<0.0019	<0.000602509	.	.	.	.	1	PPH	LB/DAY
ALPHA BHC (0319-84-6)	<u> </u>	<u> </u>	<u> X </u>	<0.0031	<0.000983041	.	.	.	.	1	PPH	LB/DAY
BETA BHC (0319-85-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0042	<0.001331862	.	.	.	.	1	PPH	LB/DAY
GAMMA BHC (0058-89-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0022	<0.000697642	.	.	.	.	1	PPH	LB/DAY
DELTA BHC (0319-86-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0052	<0.001648972	.	.	.	.	1	PPH	LB/DAY
CHLORDANE (0057-74-9)	<u> </u>	<u> </u>	<u> X </u>	<0.01	<0.0031711	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDT (0050-29-3)	<u> </u>	<u> </u>	<u> X </u>	<0.0051	<0.001617261	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDE (0072-55-9)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.001775816	.	.	.	.	1	PPH	LB/DAY
4,4PR-DDD (0072-54-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0041	<0.001300151	.	.	.	.	1	PPH	LB/DAY
DIELDRIN (0060-57-1)	<u> </u>	<u> </u>	<u> X </u>	<0.0044	<0.001395284	.	.	.	.	1	PPH	LB/DAY
ALPHA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0617	<0.019565687	.	.	.	.	1	PPH	LB/DAY
BETA-ENDOSULFAN (0115-29-7)	<u> </u>	<u> </u>	<u> X </u>	<0.0803	<0.025463933	.	.	.	.	1	PPH	LB/DAY
ENDOSULFAN SULFATE (1031-07-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.001775816	.	.	.	.	1	PPH	LB/DAY
ENDRIN (0072-20-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0056	<0.001775816	.	.	.	.	1	PPH	LB/DAY
ENDRIN ALDEHYDE (7421-93-4)	<u> </u>	<u> </u>	<u> X </u>	<0.065	<0.02061215	.	.	.	.	1	PPH	LB/DAY
HEPTACHLOR (0076-44-8)	<u> </u>	<u> </u>	<u> X </u>	<0.0043	<0.001363573	.	.	.	.	1	PPH	LB/DAY

CONTINUED FROM PAGE V8

EPA I.D. NUMBER= VA0004090

OUTFALL 120

			2. EFFLUENT						3. UNITS			
			A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE					
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION	MASS	
MARK X												
TESTING	BELIEVED	BELIEVED										
REQUIRED	PRESENT	ABSENT										
GCMS FRACTION - PESTICIDES (CONTINUED)												
HEPTACHLOR EPOXIDE (1025-57-3)	_____	_____	<u> X </u>	<0.0022	<0.000697642	.	.	.	.	1	PPM	LB/DAY
PCB 1242 (53469219)	_____	_____	<u> X </u>	<0.05	<0.0158555	.	.	.	.	1	PPM	LB/DAY
PCB 1254 (11097691)	_____	_____	<u> X </u>	<0.036	<0.01141596	.	.	.	.	1	PPM	LB/DAY
PCB 1221 (11104282)	_____	_____	<u> X </u>	<0.03	<0.0095133	.	.	.	.	1	PPM	LB/DAY
PCB 1232 (11141165)	_____	_____	<u> X </u>	<0.05	<0.0158555	.	.	.	.	1	PPM	LB/DAY
PCB 1248 (12672296)	_____	_____	<u> X </u>	<0.05	<0.0158555	.	.	.	.	1	PPM	LB/DAY
PCB 1260 (11096825)	_____	_____	<u> X </u>	<0.05	<0.0158555	.	.	.	.	1	PPM	LB/DAY
PCB 1016 (12674112)	_____	_____	<u> X </u>	<0.05	<0.0158555	.	.	.	.	1	PPM	LB/DAY
TOXAPHENE (8001-35-2)	_____	_____	<u> X </u>	<0.05	<0.0158555	.	.	.	.	1	PPM	LB/DAY

PAGE V9

V. INTAKE AND EFFLUENT CHARACTERISTICS (CONTINUED FROM PAGE 3 OF FORM 2C)

OUTFALL 121

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	2. EFFLUENT		B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE							
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS	NO. OF ANALYSES	CONCENTRATION MASS
TOTAL SUSPENDED SOLIDS	.	.	0.8	0.2537	0.5	0.1586	2	PPH LB/DAY
FLOW	.	.	0.038	.	0.038	.	2	MGD .
PH	.	.	7.02 (MIN)	8.59 (MAX)	N/A	N/A	2	STD. UNITS .

PART B.

 MARK X
 BELIEVED BELIEVED
 PRESENT ABSENT

	2. EFFLUENT		C. LONG TERM AVRG. VALUE		3. UNITS	
	A. MAXIMUM DAILY VALUE		B. MAXIMUM 30 DAY VALUE			
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS
					NO. OF ANALYSES	

ITEM V-B CONTINUED
PART C.

EPA I.D. NUMBER= VA0004090 OUTFALL 121

1. POLLUTANT	A. MAXIMUM DAILY VALUE		2. EFFLUENT				3. UNITS				
			B. MAXIMUM 30 DAY VALUE		C. LONG TERM AVRG. VALUE		NO. OF ANALYSES	CONCENTRATION	MASS		
			CONCENTRATION	MASS	CONCENTRATION	MASS					
	MARK X BELIEVED BELIEVED PRESENT ABSENT										
POLLUTANT											
OIL & GREASE	_____	_____	.	.	<6.6	<2.0929	<5.8	<1.8392	2	PPH	LB/DAY

PAGE V2

**THIS PAGE IS AN
OVERSIZED DRAWING
OR FIGURE,**

**THAT CAN BE VIEWED AT
THE RECORD TITLED:
HOG ISLAND QUADRANGLE
VIRGINIA
7.5 MINUTE SERIES
(TOPOGRAPHIC)
WITHIN THIS PACKAGE...OR,
BY SEARCHING USING THE
DOCUMENT/REPORT
NUMBER: NONE**

NOTE: Because of this page's large file size, it may be more convenient to copy the file to a local drive and use the Imaging (Wang) viewer, which can be accessed from the Programs/Accessories menu.

D-1

**THIS PAGE IS AN
OVERSIZED DRAWING
OR FIGURE,
THAT CAN BE VIEWED AT
THE RECORD TITLED:
DWG. NO. S-2646-3-C-001
SITE DRAINAGE MAP
ENVIRONMENTAL
COMPLIANCE SURRY POWER
STATION
WITHIN THIS PACKAGE...OR,
BY SEARCHING USING THE
DOCUMENT/REPORT
DWG. NO. S-2646-3-C-001**

NOTE: Because of this page's large file size, it may be more convenient to copy the file to a local drive and use the Imaging (Wang) viewer, which can be accessed from the Programs/Accessories menu.

D-2

**THIS PAGE IS AN
OVERSIZED DRAWING
OR FIGURE,
THAT CAN BE VIEWED AT
THE RECORD TITLED:
DWG. NO. S-2646-3-C-002
STATION DRAINAGE MAP
ENVIRONMENTAL
COMPLIANCE SURRY POWER
STATION
WITHIN THIS PACKAGE...OR,
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