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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

SCHILLER STATION

PORTSMOUTH, NH

NPDES REAPPLICATION

PERMIT NO. NH0001473

JUNE 1, 1995

The Northeast Utilities System
P.O. Box 270
Hartford, CT 06141

Public Service of New Hampshire
P.O. Box 330
Manchester, NH 03105

Public Service of New Hampshire

1000 Elm Street, Manchester, NH 03101

Public Service Company of New Hampshire
P.O. Box 330
Manchester, NH 03105-0330
(603) 669-4000

The Northeast Utilities System

June 1, 1995

D08789

Ms. Veronica C. Harrington, Chief
NPDES Program Operations Section
U. S. Environmental Protection Agency
Region I
J. F. Kennedy Federal Building
Boston, MA 02203-2211

References:
1. NPDES Permit No. NH0001473, Schiller Station, Public Service Company of New Hampshire, issued September 11, 1990, and modified May 31, 1991, and January 24, 1995.
2. Letter, V. C. Harrington to A. G. Palmer dated January 24, 1995.
3. Letter, J. A. Parent to A. G. Palmer, dated January 24, 1995.

Dear Ms. Harrington:

Schiller Station
NPDES Permit Renewal Application

Public Service Company of New Hampshire (PSNH), pursuant to Section 42 of the Clean Water Act hereby submits to the U. S. Environmental Protection Agency (EPA) a completed application for renewal of NPDES Permit No. NH0001473 (see Reference 1). Effluent sampling was conducted on April 26 and 27 and as agreed to by Dr. Nicholas W. Prodany of EPA, Mr. Allan G. Palmer of PSNH and Mr. Jacques A. Parent of the Department of Environmental Services (DES) during a meeting at Schiller Station on April 12, 1995. Samples were collected and preserved as specified by the Form 2C instructions and by EPA's SW-846 Manual. Laboratory analyses were performed in accordance with 40 CFR Part 136.

Schiller Station began operation in the 1940s and has experienced considerable modifications over its lifetime, including a coal re-conversion in the mid-80s that added a new wastewater treatment plant. Over the past several years PSNH has worked to improve water management systems to reduce usage, consolidate wastestreams and eliminate outfalls. Many of the discharge pipes now only serve emergency backup purposes such as during equipment outages.

In addition to the usual discharge descriptions listed on Form 2C and displayed on the water balance diagram, a brief narrative is given prior to the Item V data for each outfall. This information is supplied to further describe the wastestream, identify sampling techniques, request specific permit conditions, etc., as discussed during the joint April 12, 1995 meeting. Additional site drawings are also enclosed to supplement the topographic map and locate outfalls.

A complete stormwater application has previously been submitted for Schiller Station and will be included as part of the NPDES permit reapplication process (see Reference 2). Our preference is to combine both applications into one comprehensive permit as has been successfully done at our two other fossil fired power stations. PSNH is also required to submit information to DES pursuant to New Hampshire RSA 485-A:13 and Env-Ws 403 (Reference 3). The appropriate checklists and drawings are enclosed.

Should you have any questions, please call Mr. Allan Palmer, PSNH Fossil Hydro Engineering and Operations, at (603)634-2439.

Very truly yours,

PUBLIC SERVICE OF NEW HAMPSHIRE

Ronald G. Chevalier
Vice President

cc: New Hampshire Department of Environmental Services
Water Quality/Permits & Compliance Bureau
64 N. Main Street
Concord, NH 03302

V. Effluent Characteristics

This sheet provides a summary of the sampling program and analytical reporting that was conducted for individual outfall effluent characterization. The protocol was agreed to by EPA, DES and PSNH at the April 12, 1995 meeting.

Outfall	Sampling/Analytical Reporting
001	Most of the data is from Outfall 004 which, with the exception of flow, is substantially identical.
015	Sampling requirement was waived due to the infrequent use.
002	Substantially identical to 004.
003	Substantially identical to 004.
004	Twenty-four hour sampling period at Unit 6 discharge weir.
006	Twenty-four hour sampling period at Unit 6 continuous boiler blowdown station.
011	Two hour sampling period that composited 2 of 3 stormwater discharge pipes.
013	No available data because the coal pile collection basin has not overflowed in recent years.
016	Twenty-four hour sampling period at wastewater treatment plant neutralizer outlet.
017	No available data because boiler chemical cleanings have not been discharged in recent years.
018	Most of the data is from Outfall 011 which is substantially identical.
020 021/022	The data is from Outfall 004 which, with the exception of flow, is substantially identical.

NOTE: "Color" was accidentally omitted from the analytical protocol. Subsequent sampling can be conducted if requested.

Outfalls 001, 015

Both of these outfalls discharge via the Unit #3 (retired) once through cooling water discharge weir:

Outfall 001 is predominantly non-contact cooling water that is supplied from one of the 3 operating units. The water cools miscellaneous plant equipment such as oil separator influent and air compressors. While the water may occasionally be treated with sodium hypochlorite and ferrous sulfate, the concentrations are regulated by effluent limitations assigned to Units 4, 5 and 6. The maximum daily mass value reported for total residual chlorine (0.4 pounds) represents a maximum concentration of 0.2 mg/l for a two hour chlorination cycle. The temperature rise is less than 5°F. Consequently, PSNH requests that monitoring be reduced to quarterly oil and grease and flow sampling only. A portion of the station roof drains also tie into the discharge.

Outfall 015 is treated effluent from Wastewater Treatment Plant #1 which is only active during essential maintenance of Wastewater Treatment Plant #2. This outfall was only activated for 1 day in the last 3 years. PSNH requests no changes to the existing monitoring requirements.

(fill–in areas are spaced for elite type, i.e., 12 chr ters/inch).

Form Approved. OMB No. 2040-0086 Approval Expires 7-31-86

FORM 1 GENERAL

EPA

ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

F N H D 0 0 0 8 4 2 6 6 6 D

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.

LABEL ITEMS

I. EPA I.D. NUMBER: NHD 000842666

III. FACILITY NAME: Schiller Station

V. FACILITY MAILING ADDRESS: Northeast Utilities Service Company, P.O. Box 270, Hartford, CT 06141-0270

VI. FACILITY LOCATION: ATTN: Mr. R. G. Chevalier, Vice President, Gosling Road, Portsmouth, New Hampshire 03801

II. POLLUTANT CHARACTERISTICS

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

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

III. NAME OF FACILITY

1 SKIP SCHILLER STATION

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*		
2 PALMER ALLAN SENIOR ENGINEER	603	634	2439

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX: 3 PO BOX 270

JUN 6 1995

B. CITY OR TOWN	C. STATE	D. ZIP CODE
4 HARTFORD	CT	06141

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER: 5 GOSLING ROAD

B. COUNTY NAME: ROCKINGHAM

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
6 PORTSMOUTH	NH	03801	

CONTINUED FROM THE FRONT

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

A. FIRST	B. SECOND
7 4911 (specify) ELECTRIC POWER GENERATION	7 (specify)
C. THIRD	**D. FOURTH**
7 (specify)	7 (specify)

VIII. OPERATOR INFORMATION

A. NAME: 8 PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

B. Is the name listed in Item VIII-A also the owner? [XX] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)
F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC (other than federal or state)
O = OTHER (specify)

P (specify)

D. PHONE (area code & no.): A 203 665 5000

E. STREET OR P.O. BOX: PO BOX 270

F. CITY OR TOWN: B HARTFORD

G. STATE: CT

H. ZIP CODE: 06141

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water): 9 N NH0001473	D. PSD (Air Emissions from Proposed Sources): 9 P
B. UIC (Underground Injection of Fluids): 9 U	E. OTHER (specify): 9 (specify)
C. RCRA (Hazardous Wastes): 9 R NHD000842666	E. OTHER (specify): 9 (specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. 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)

Schiller Station is part of the Northeast Utilities System. It is an electric generating facility with an approximate capacity of 175 megawatts (MW). Units #4, #5 and #6 are steam driven, 50 MW generators that fire with either #6 fuel oil and/or bituminous coal. A fourth unit is a 24 MW combustion turbine fired with #1 fuel oil or natural gas that does not discharge water.

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
Ronald G. Chevalier Vice President	RG Chevalier	6/2/95

COMMENTS FOR OFFICIAL USE ONLY

C

Print or type in the unshaded areas only. NHD 000 842 666 Approval expires 1-31-80

FORM 2C NPDES

EPA

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

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 1. DEG.	2. MIN.	3. SEC.	C. LONGITUDE 1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
All	43	06	00	70	47	00	Piscataqua Estuary
Except							
011							
011	43	05	45	70	47	00	Piscataqua Estuary

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 a. OPERATION (list)	b. AVERAGE FLOW (include units)	3. TREATMENT a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Non-Contact Cooling Water	2.1 MGD	Discharge to Surface Water	4-A	
	Roof Drains	1075 GPD	Chlorination, Ferrous Sulfate	XX	
002	Non-Contact Cooling Water	43.5 MGD	Discharge to Surface Water	4-A	
	Hotwell Drains	1370 GPD	Chlorination, Ferrous Sulfate	XX	
003	Non-Contact Cooling Water	41.8 MGD	Discharge to Surface Water	4-A	
	Hotwell Drains	1370 GPD	Chlorination, Ferrous Sulfate	XX	
004	Non-Contact Cooling Water	41.8 MGD	Discharge to Surface Water	4-A	
	Hotwell Drains	1370 GPD	Chlorination, Ferrous Sulfate	XX	
006	Roof Drains	2220 GPD	Discharge to Surface Water	4-A	
	Emergency Condensate Dump	-			
011	Schiller Station Tank Farm				
	- Stormwater Runoff	5750 GPD	6M Gal Holding Pond	1-U	4-A
	- Heater Drains	5905 GPD	Indefinite Holding Time		
013	Coal Pile Runoff Basin	-	324,000 Gal Settling Pond	1-U	4-A
	Emergency Overflow				
015	Waste Treatment Plant #1		15,000 Gal Neutralizer	1-O	2-K
	- Emergency Outfall	-	Approx 24HR Holding Time	1-M	4-A
	- Equipment/Floor Drains	14380 GPD	52 GPM Oil Separator	5-O	XX
	- Heater Drains	16500 GPD	Wastes are Burned On-Site		
	- Demineralizer Regens	11000 GPD	or Shipped Off-Site to		
	- Chemical Area Drains	500 GPD	Permitted Facility		
016	Waste Treatment Plant #2		250,000 Gal Settling Basin	1-G	1-M
	- Waste Treatment Plant #1	42740 GPD	65,000 Gal #7 Pit	1-O	1-U
	- Boiler Blowdown/Drains	7500 GPD	50,000 Gal Rental Tanks	2-B	2-C

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

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VII. BIOLOGICAL TOXICITY TESTING DATA

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

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

VIII CONTRACT ANALYSIS INFORMATION

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

☒ YES *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☐ NO *(go to Section IX)*

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Resource Laboratories, Inc.	230 Maplewood Ave. Portsmouth, NH 03801	603-436-2001	All Pollutants except temp, pH TRC, and:
Omega Laboratory	P.O. Box 632 Dover, NH 03821	603-749-1561	BOD, Fecal Colifor Surfactants, Total Phosphorus

IX. CERTIFICATION

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

A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *(area code & no.)*
Ronald G. Chevalier, Vice President	(203)665-5315
C. SIGNATURE RG Chevalier	D. DATE SIGNED 6/2/95

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

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

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

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☒ 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)*
Resource Laboratories, Inc.	230 Maplewood Ave. Portsmouth, NH 03801	603-436-2001	All Pollutants except temp, pH TRC, and:
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A. NAME & OFFICIAL TITLE *(type or print)*	B. PHONE NO. *(area code & no.)*
Ronald G. Chevalier, Vice President	(203)665-5315
C. SIGNATURE RG Chevalier	D. DATE SIGNED 6/2/95

EPA NUMBER (copy from Item 1 of Form 1)
MD 000 842 666

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

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
Vanadium	Low concentrations of vanadium oxides are present in oil ash.		

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)*

[illegible] quantity, leaks, or spills, are any discharges described in Items II-A or B intermittent or seasonal?

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

1. OUTFALL NUMBER *(list)*	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK *(specify average)*	b. MONTHS PER YEAR *(specify average)*	a. FLOW RATE *(in mgd)*		b. TOTAL VOLUME *(specify with units)*		c. DURATION *(in days)*
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

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 *(to to Section IV)*

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

☐ YES *(complete Item III-C)* ☒ 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 COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

 CONTINUE ON PAGE 3

Please print or type in the unshaded areas only. NHD 000 842 666 Approval expires / /

FORM 2C NPDES

EPA

U.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.	

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

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

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

1. OUTFALL NO *(list)*	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION *(list)*	b. AVERAGE FLOW *(include units)*	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
016 Cont.	- Gas Side Metal Cleanings	60 GPD	324,000 Gal Settling Pond	2-D	2-K
	- Coal Pile Runoff	10500 GPD	179,500 Gal Settling Pond	2-L	4-A
	- Ash Silo Yard Drains	300 GPD	Holding Time is Indefinite	5-C	5-L
	- Equipment Drains	200 GPD	1000 Gal pH ADJ/Oxidation Tank	5-N	5-O
	- Roof Drains	400 GPD	100 GPM Parallel Plate		
017	Waste Treatment Plant #2		Gravity Settler		
	- Water Side Metal Cleaning	90 GPD	2000 Gal Neutralization Tank		
			70 GPM Belt Filter Press		
			15000 Gal Sludge Sump		
			Non-Hazardous Sludge is		
			landfilled off-site by a		
			permitted facility or burned		
			on-site. Thermal treatment of		
			WSMC is an option.		
018	Newington Station Tank Farm		13.3 M Gal Holding Pond		
	- Stormwater Runoff	18000 GPD	Indefinite Holding Time	1-U	1-M
	- Heater Drains	13110 GPD	250 GPM Oil Separator	4-A	XX
			Wastes are burned on-site or	5-O	
			shipped off-site to permitted		
			facility.		
020	Inlet Screen Washwater	108000 GPD	Discharge To Surface Water	4-A	
021					
022					

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

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

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

1. OUTFALL NUMBER *(list)*	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK *(specify average)*	b. MONTHS PER YEAR *(specify average)*	a. FLOW RATE *(in mgd)*		b. TOTAL VOLUME *(specify with units)*		c. DURATION *(in days)*
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

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 *(to to Section IV)*

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

☐ YES *(complete Item III-C)* ☒ 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 waste water 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 COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

 CONTINUE ON PAGE 3

Print or type in the unshaded areas only. NHD 000 842 666 Approval expires 3-31-88

FORM 2C NPDES

EPA

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

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.	
All	43	06	00	70	47	00	Piscataqua Estuary
Except							
011							
011	43	05	45	70	47	00	Piscataqua Estuary

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

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

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

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Non-Contact Cooling Water	2.1 MGD	Discharge to Surface Water	4-A	
	Roof Drains	1075 GPD	Chlorination, Ferrous Sulfate	XX	
002	Non-Contact Cooling Water	43.5 MGD	Discharge to Surface Water	4-A	
	Hotwell Drains	1370 GPD	Chlorination, Ferrous Sulfate	XX	
003	Non-Contact Cooling Water	41.8 MGD	Discharge to Surface Water	4-A	
	Hotwell Drains	1370 GPD	Chlorination, Ferrous Sulfate	XX	
004	Non-Contact Cooling Water	41.8 MGD	Discharge to Surface Water	4-A	
	Hotwell Drains	1370 GPD	Chlorination, Ferrous Sulfate	XX	
006	Roof Drains	2220 GPD	Discharge to Surface Water	4-A	
	Emergency Condensate Dump	-			
011	Schiller Station Tank Farm				
	- Stormwater Runoff	5750 GPD	6M Gal Holding Pond	1-U	4-A
	- Heater Drains	5905 GPD	Indefinite Holding Time		
013	Coal Pile Runoff Basin	-	324,000 Gal Settling Pond	1-U	4-A
	Emergency Overflow				
015	Waste Treatment Plant #1		15,000 Gal Neutralizer	1-0	2-K
	- Emergency Outfall	-	Approx 24HR Holding Time	1-M	4-A
	- Equipment/Floor Drains	14380 GPD	52 GPM Oil Separator	5-0	XX
	- Heater Drains	16500 GPD	Wastes are Burned On-Site		
	- Demineralizer Regens	11000 GPD	or Shipped Off-Site to		
	- Chemical Area Drains	500 GPD	Permitted Facility		
016	Waste Treatment Plant #2		250,000 Gal Settling Basin	1-G	1-M
	- Waste Treatment Plant #1	42740 GPD	65,000 Gal #7 Pit	1-0	1-U
	- Boiler Blowdown/Drains	7500 GPD	50,000 Gal Rental Tanks	2-B	2-C

OFFICIAL USE ONLY *(effluent guidelines sub-categories)*

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

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD000842666

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

OUTFALL NO. 001

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	7	175					1	MG/L	LBS	X		
b. Chemical Oxygen Demand *(COD)*	370	4.63					1	MG/L	TON	X		
c. Total Organic Carbon *(TOC)*	< 5	< 125					1	MG/L	LBS	X		
d. Total Suspended Solids *(TSS)*	< 10	< 250					1	MG/L	LBS	X		
e. Ammonia *(as N)*	< 0.1	< 2.5					1	MG/L	LBS	X		
f. Flow	VALUE 3.0		VALUE 2.1		VALUE 1.1		28	MGD	—	VALUE		
g. Temperature *(winter)*	VALUE 16		VALUE 16		VALUE 16		0	°C		VALUE		
h. Temperature *(summer)*	VALUE 24		VALUE 24		VALUE 24		0	°C		VALUE		
i. pH	MINIMUM 7.8	MAXIMUM 7.8	MINIMUM 7.8	MAXIMUM 7.8			1	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. ANALYSES
a. Bromide (24959-67-9)	X		< 2	< 50					1	MG/L		X		
b. Chlorine, Total Residual	X		0.2	0.4	0.2	0.3			780	MG/L	LBS	X		
c. Color	X			—						UNITS	—	X		
d. Fecal Coliform	X		< 1	—					1	CFU/100ML	—	X		
e. Fluoride (16984-48-8)	X		0.44	11					1	MG/L		X		
f. Nitrate-Nitrite *(as N)*	X		< 0.1	< 2.5					1	MG/L		X		

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (If available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		<0.5	<12					1	MG/L	LBS	X		
h. Oil and Grease	X		16.0	400	<5	<88	<5	<46	37	MG/L	LBS			
i. Phosphorus (as P), Total (7723-14-0)	X		0.015						1	MG/L	LBS	X		
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		580	7.2					1	MG/L	TON	X		
l. Sulfide (as S)	X		<1	<25					1	MG/L	LBS	X		
m. Sulfite (as SO_3) (14265-45-3)	X		<0.2	<5					1	MG/L	LBS	X		
n. Surfactants	X		<0.02	<0.5					1	MG/L	LBS	X		
o. Aluminum, Total (7429-90-5)	X		<0.3	<7.5					1	MG/L	LBS	X		
p. Barium, Total (7440-39-3)	X		<0.4	<10					1	MG/L	LBS	X		
q. Boron, Total (7440-42-8)	X		3.38	84.6					1	MG/L	LBS	X		
r. Cobalt, Total (7440-48-4)	X		<0.02	<0.5					1	MG/L	LBS	X		
s. Iron, Total (7439-89-6)	X		<0.02	<0.5					1	MG/L	LBS	X		
t. Magnesium, Total (7439-95-4)	X		1200	15.0					1	MG/L	TON	X		
u. Molybdenum, Total (7439-98-7)	X		<0.08	<2.0					1	MG/L	LBS	X		
v. Manganese, Total (7439-96-5)	X		0.07	1.8					1	MG/L	LBS	X		
w. Tin, Total (7440-31-5)	X		<0.04	<1.0					1	MG/L	LBS	X		
x. Titanium, Total (7440-32-6)	X		<0.2	<5					1	MG/L	LBS	X		

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	001

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

ONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
M. Antimony, Total (7440-36-0)	X			<0.02	<0.5					1	MG/L	LBS			
M. Arsenic, Total (7440-38-2)	X			<0.004	<0.10					1	MG/L	LBS			
M. Beryllium, Total, 7440-41-7)	X			<0.005	<0.125					1	MG/L	LBS			
M. Cadmium, Total (7440-43-9)	X			<0.005	<0.125					1	MG/L	LBS			
M. Chromium, Total (7440-47-3)	X			<0.04	<1.0					1	MG/L	LBS			
M. Copper, Total (7440-50-8)	X			0.083	2.08					1	MG/L	LBS	X		
M. Lead, Total (7439-92-1)	X			<0.01	<0.25					1	MG/L	LBS			
M. Mercury, Total (7439-97-6)	X			0.0006	0.0150					1	MG/L	LBS	X		
M. Nickel, Total (7440-02-0)	X			<0.01	<0.25					1	MG/L	LBS			
0M. Selenium, Total (7782-49-2)	X			0.2	5.0					1	MG/L	LBS	X		
1M. Silver, Total (7440-22-4)	X			<0.004	<0.10					1	MG/L	LBS			
2M. Thallium, Total (7440-28-0)	X			<0.04	<1.0					1	MG/L	LBS			
3M. Zinc, Total (7440-66-6)	X			<0.006	<0.15					1	MG/L	LBS			
4M. Cyanide, Total (57-12-5)	X			<0.01	<0.25					1	MG/L	LBS			
5M. Phenols, Total	X			<0.05	<1.25					1	MG/L	LBS			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<10	<0.25					1	UG/L	LBS			
2V. Acrylonitrile (107-13-1)	X			<10	<0.25					1	UG/L	LBS			
3V. Benzene (71-43-2)	X			<5	<0.1					1	UG/L	LBS			
4V. Bis (Chloromethyl) Ether (542-88-1)	TESTING NOT REQUIRED														
5V. Bromoform (75-25-2)	X			<5	<0.1					1	UG/L	LBS			
6V. Carbon Tetrachloride (56-23-5)	X			<5	↓					1	UG/L	LBS			
7V. Chlorobenzene (108-90-7)	X			<5	↓					1	UG/L	LBS			
8V. Chlorodibromomethane (124-48-1)	X			<5	↓					1	UG/L	LBS			
9V. Chloroethane (75-00-3)	X			<5	↓					1	UG/L	LBS			
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<5	↓					1	UG/L	LBS			
11V. Chloroform (67-66-3)	X			<5	↓					1	UG/L	LBS			
12V. Dichlorobromomethane (75-27-4)	X			<5	↓					1	UG/L	LBS			
13V. Dichlorodifluoromethane (75-71-8)	TESTING NOT REQUIRED														
14V. 1,1-Dichloroethane (75-34-3)	X			<5	<0.1					1	UG/L	LBS			
15V. 1,2-Dichloroethane (107-06-2)	X			<5	↓					1	UG/L	LBS			
16V. 1,1-Dichloroethylene (75-35-4)	X			<5	↓					1	UG/L	LBS			
17V. 1,2-Dichloropropane (78-87-5)	X			<5	↓					1	UG/L	LBS			
18V. 1,3-Dichloropropylene (542-75-6)	X			<5	↓					1	UG/L	LBS			
19V. Ethylbenzene (100-41-4)	X			<5	↓					1	UG/L	LBS			
20V. Methyl Bromide (74-83-9)	X			<5	↓					1	UG/L	LBS			
21V. Methyl Chloride (74-87-3)	X			<5	↓					1	UG/L	LBS			

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	001

Form Approved.
OMB No. 2040-0086
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1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			< 5	< 0.1					1	UG/L	LBS			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			< 5						1	UG/L	LBS			
24V. Tetrachloroethylene (127-18-4)	X			< 5						1	UG/L	LBS			
25V. Toluene (108-88-3)	X			< 5						1	UG/L	LBS			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			< 5						1	UG/L	LBS			
27V. 1,1,1-Trichloroethane (71-55-6)	X			< 5						1	UG/L	LBS			
28V. 1,1,2-Trichloroethane (79-00-5)	X			< 5						1	UG/L	LBS			
29V. Trichloroethylene (79-01-6)	X			< 5						1	UG/L	LBS			
30V. Trichlorofluoromethane (75-69-4)	X			< 5						1	UG/L	LBS			
31V. Vinyl Chloride (75-01-4)	X			< 5						1	UG/L	LBS			
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			< 10	< 0.25					1	UG/L	LBS			
2A. 2,4-Dichlorophenol (120-83-2)	X			< 10						1	UG/L	LBS			
3A. 2,4-Dimethylphenol (105-67-9)	X			< 10						1	UG/L	LBS			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			< 10						1	UG/L	LBS			
5A. 2,4-Dinitrophenol (51-28-5)	X			< 10						1	UG/L	LBS			
6A. 2-Nitrophenol (88-75-5)	X			< 10						1	UG/L	LBS			
7A. 4-Nitrophenol (100-02-7)	X			< 10						1	UG/L	LBS			
8A. P-Chloro-M-Cresol (59-50-7)	X			< 10						1	UG/L	LBS			
9A. Pentachlorophenol (87-86-5)	X			< 10						1	UG/L	LBS			
10A. Phenol (108-95-2)	X			< 10						1	UG/L	LBS			
11A. 2,4,6-Trichlorophenol (88-06-2)	X			< 10						1	UG/L	LBS			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<0.25					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10	↓					1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10	↓					1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20	<0.50					1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10	<0.25					1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10	↓					1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10	↓					1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10	↓					1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10	↓					1	UG/L	LBS			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X			<10	↓					1	UG/L	LBS			
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X			<10	↓					1	UG/L	LBS			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)	X			<10	↓					1	UG/L	LBS			
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X			<10	↓					1	UG/L	LBS			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			<10	↓					1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10	↓					1	UG/L	LBS			
16B. 2-Chloronaphthalene (91-58-7)	X			<10	↓					1	UG/L	LBS			
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X			<10	↓					1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10	↓					1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10	↓					1	UG/L	LBS			
20B. 1,2-Dichlorobenzene (95-50-1)	X			<10	↓					1	UG/L	LBS			
21B. 1,3-Dichlorobenzene (541-73-1)	X			<10	↓					1	UG/L	LBS			

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-8

PA I. MBE y fro i I o 1) C .LL N ER
NHD000842666 001

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OM ... 2040-...
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD 000842666

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

OUTFALL NO. 004

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCENTRATION	b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	7	1.3					1	MG/L	TON	X		
b. Chemical Oxygen Demand *(COD)*	370	67.2					1	MG/L	TON	X		
c. Total Organic Carbon *(TOC)*	<5	<0.9					1	MG/L	TON	X		
d. Total Suspended Solids *(TSS)*	<10	<1.8					1	MG/L	TON	X		
e. Ammonia *(as N)*	<0.1	<36					1	MG/L	LB	X		
f. Flow	VALUE 43.5		VALUE 43.5		VALUE 27.6		1095	MGD	—	VALUE		
g. Temperature *(winter)*	VALUE 27		VALUE 27		VALUE 27		365	°C		VALUE		
h. Temperature *(summer)*	VALUE 35		VALUE 35		VALUE 35		1095	°C		VALUE		
i. pH	MINIMUM 7.8	MAXIMUM 8.2	MINIMUM 7.8	MAXIMUM 8.2			2	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	<0.4					1	MG/L	TON	X		
b. Chlorine, Total Residual	X		0.2	6.0	0.2	6.0	<0.05	<0.96	780	MG/L	LB			
c. Color	X			—								X		
d. Fecal Coliform	X		<1	—					1	CFU/100ML	—	X		
e. Fluoride (16984-48-8)	X		0.44	160					1	MG/L	LB	X		
f. Nitrate-Nitrite *(as N)*	X		<0.1	<36					1	MG/L	LB	X		

CONTINUE ON REVERSE

CEN-TION	UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANAL-YSES
	LBS	X		
	LBS	X		
	LBS	X		
	TON	X		
	LBS	X		
	LBS	X		
	LBS	X		
	LBS	X		
	LBS	X		
	LBS	X		
	LBS	X		
	LBS	X		
	TON	X		
	LBS	X		
	LBS	X		
	LBS	X		
	LBS	X		

CONTINUE ON PAGE V - 3

POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
. Nitrogen, Total Organic (as N)	X		<0.5	<181					1	MG/L	LBS	X		
. Oil and Grease	X		<5	<1815					1	MG/L	LBS	X		
Phosphorus (as P), Total (7723-14-0)	X		0.015	5.44					1	MG/L	LBS	X		
. Radioactivity														
1) Alpha, Total		X												
2) Beta, Total		X												
3) Radium, Total		X												
4) Radium 226, Total		X												
. Sulfate (as SO_4) (14808-79-8)	X		580	105					1	MG/L	TON	X		
. Sulfide (as S)	X		<1	<363					1	MG/L	LBS	X		
n. Sulfite (as SO_3) (14265-45-3)	X		<0.2	<72					1	MG/L	LBS	X		
. Surfactants	X		<0.02	<7.2					1	MG/L	LBS	X		
. Aluminum, Total (7429-90-5)	X		<0.3	<109					1	MG/L	LBS	X		
. Barium, Total (7440-39-3)	X		<0.4	<145					1	MG/L	LBS	X		
. Boron, Total (7440-42-8)	X		3.38	1227					1	MG/L	LBS	X		
. Cobalt, Total (7440-48-4)	X		<0.02	<7.2					1	MG/L	LBS	X		
. Iron, Total (7439-89-6)	X		<0.02	<7.2					1	MG/L	LBS	X		
. Magnesium, Total (7439-95-4)	X		1200	218					1	MG/L	TON	X		
. Molybdenum, Total (7439-98-7)	X		<0.08	<29					1	MG/L	LBS	X		
v. Manganese, Total (7439-96-5)	X		0.07	25					1	MG/L	LBS	X		
w. Tin, Total (7440-31-5)	X		<0.04	<14					1	MG/L	LBS	X		
x. Titanium, Total (7440-32-6)	X		<0.2	<72					1	MG/L	LBS	X		

CONTINUE ON PAGE V-3

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD 000842666

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

OUTFALL NO. 004

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	7	1.3					1	MG/L	TON	X		
b. Chemical Oxygen Demand (COD)	370	67.2					1	MG/L	TON	X		
c. Total Organic Carbon (TOC)	<5	<0.9					1	MG/L	TON	X		
d. Total Suspended Solids (TSS)	<10	<1.8					1	MG/L	TON	X		
e. Ammonia (as N)	<0.1	<36					1	MG/L	LB	X		
f. Flow	VALUE 43.5		VALUE 43.5		VALUE 27.6		1095	MGD	—	VALUE		
g. Temperature (winter)	VALUE 27		VALUE 27		VALUE 27		365	°C		VALUE		
h. Temperature (summer)	VALUE 35		VALUE 35		VALUE 35		1095	°C		VALUE		
i. pH	MINIMUM 7.8	MAXIMUM 8.2	MINIMUM 7.8	MAXIMUM 8.2			2	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	<0.4					1	MG/L	TON	X		
b. Chlorine, Total Residual	X		0.2	6.0	0.2	6.0	<0.05	<0.96	780	MG/L	LB			
c. Color	X			—								X		
d. Fecal Coliform	X		<1	—					1	CFU/100ML	—	X		
e. Fluoride (16984-48-8)	X		0.44	160					1	MG/L	LB	X		
f. Nitrate-Nitrite (as N)	X		<0.1	<36					1	MG/L	LB	X		

CONTINUE ON REVERSE

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666

OUTFALL NUMBER: 001

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<0.25					1	UG/L	LBS			
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
24B. Diethyl Phthalate (84-66-2)	X			<10						1	UG/L	LBS			
25B. Dimethyl Phthalate (131-11-3)	X			<10						1	UG/L	LBS			
26B. Di-N-Butyl Phthalate (84-74-2)	X			<10						1	UG/L	LBS			
27B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
28B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
29B. Di-N-Octyl Phthalate (117-84-0)	X			<10						1	UG/L	LBS			
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	X			<10						1	UG/L	LBS			
31B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
32B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
33B. Hexachlorobenzene (118-74-1)	X			<10						1	UG/L	LBS			
34B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
35B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
36B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
38B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
39B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
40B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
41B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
42B. N-Nitrosodi-n-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<10	<0.25					1	UG/L	LBS			
44B. Phenanthrene (85-01-8)	X			<10	<0.25					1	UG/L	LBS			
45B. Pyrene (129-00-0)	X			<10	<0.25					1	UG/L	LBS			
46B. 1,2,4 - Trichlorobenzene (120-82-1)	X			<10	<0.25					1	UG/L	LBS			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD000842666

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

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

OUTFALL NO. 015

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY *(if available)* (1) CONCENTRATION	(2)	3. UNITS *(specify if blank)* a. CONCENTRATION	b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*									
b. Chemical Oxygen Demand *(COD)*									
c. Total Organic Carbon *(TOC)*									
d. Total Suspended Solids *(TSS)*									
e. Ammonia *(as N)*									
f. Flow	VALUE 100000		VALUE 65000		VALUE 43540	1	MGD	—	VALUE
g. Temperature *(winter)*	VALUE		VALUE		VALUE		°C		VALUE
h. Temperature *(summer)*	VALUE		VALUE		VALUE		°C		VALUE
i. pH	MINIMUM 6.5	MAXIMUM 8.0	MINIMUM 6.5	MAXIMUM 8.0		1	STANDARD UNITS		

SAMPLING REQUIREMENT WAIVED

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)														
b. Chlorine, Total Residual														
c. Color														
d. Fecal Coliform														
e. Fluoride (16984-48-8)														
f. Nitrate-Nitrite *(as N)*														

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK X		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)														
h. Oil and Grease	X		5.2	4.3	<5	<3	<5	<2	1	MG/L				
i. Phosphorus (as P), Total (7723-14-0)														
j. Radioactivity														
(1) Alpha, Total														
(2) Beta, Total														
(3) Radium, Total														
(4) Radium 226, Total														
k. Sulfate (as SO_4) (14808-79-8)														
l. Sulfide (as S)														
m. Sulfite (as SO_3) (14265-45-3)														
n. Surfactants														
o. Aluminum, Total (7429-90-5)														
p. Barium, Total (7440-39-3)														
q. Boron, Total (7440-42-8)														
r. Cobalt, Total (7440-48-4)														
s. Iron, Total (7439-89-6)														
t. Magnesium, Total (7439-95-4)														
u. Molybdenum, Total (7439-98-7)														
v. Manganese, Total (7439-96-5)														
w. Tin, Total (7440-31-5)														
x. Titanium, Total (7440-32-6)														

CONTINUE ON PAGE V-3

Outfalls 002, 003, 004

These outfalls represent the non-contact cooling water discharges and occasional hotwell drains for Units 4, 5 and 6, respectively. The water is briefly treated with ferrous sulfate and sodium hypochlorite. The maximum daily mass value reported for total residual chlorine (6.0 pounds) represents a maximum concentration of 0.2 mg/l for a two hour chlorination cycle. PSNH requests no changes to the existing monitoring requirements.

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	004

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

ONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
ETALS, CYANIDE, AND TOTAL PHENOLS															
M. Antimony, Total (7440-36-0)	X			<0.02	<7.2					1	MG/L	LBS			
M. Arsenic, Total (7440-38-2)	X			<0.004	<1.45					1	MG/L	LBS			
M. Beryllium, Total, 7440-41-7)	X			<0.005	<1.81					1	MG/L	LBS			
M. Cadmium, Total (7440-43-9)	X			<0.005	<1.81					1	MG/L	LBS			
M. Chromium, Total (7440-47-3)	X			<0.04	<14.5					1	MG/L	LBS			
M. Copper, Total (440-50-8)	X			0.083	30.1					1	MG/L	LBS	X		
M. Lead, Total (439-92-1)	X			<0.01	<3.6					1	MG/L	LBS			
M. Mercury, Total (439-97-6)	X			0.0006	0.218					1	MG/L	LBS	X		
M. Nickel, Total (440-02-0)	X			<0.01	<3.6					1	MG/L	LBS			
M. Selenium, Total (7782-49-2)	X			0.2	72					1	MG/L	LBS	X		
M. Silver, Total (440-22-4)	X			<0.004	<1.45					1	MG/L	LBS			
M. Thallium, Total (7440-28-0)	X			<0.04	<14.5					1	MG/L	LBS			
M. Zinc, Total (440-66-6)	X			<0.006	2.18					1	MG/L	LBS			
M. Cyanide, Total (57-12-5)	X			<0.01	<3.6					1	MG/L	LBS			
M. Phenols, Total	X			<0.05	18.1					1	MG/L	LBS			
IOXIN															
3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

ONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
V. Acrolein (107-02-8)	X			<10	<3.6					1	UG/L	LBS			
V. Acrylonitrile (107-13-1)	X			<10	<3.6					1	UG/L	LBS			
V. Benzene (71-43-2)	X			<5	<1.8					1	UG/L	LBS			
V. Bis (Chloromethyl) Ether (542-88-1)	TESTING NOT REQUIRED														
V. Bromoform (75-25-2)	X			<5	<1.8					1	UG/L	LBS			
V. Carbon Tetrachloride (56-23-5)	X			<5						1	UG/L	LBS			
V. Chlorobenzene (108-90-7)	X			<5						1	UG/L	LBS			
V. Chlorodibromomethane (124-48-1)	X			<5						1	UG/L	LBS			
V. Chloroethane (75-00-3)	X			<5						1	UG/L	LBS			
0V. 2-Chloroethylvinyl Ether (110-75-8)	X			<5						1	UG/L	LBS			
1V. Chloroform (67-66-3)	X			<5						1	UG/L	LBS			
2V. Dichlorobromomethane (75-27-4)	X			<5						1	UG/L	LBS			
3V. Dichlorodifluoromethane (75-71-8)	TESTING NOT REQUIRED														
4V. 1,1-Dichloroethane (75-34-3)	X			<5	<1.8					1	UG/L	LBS			
5V. 1,2-Dichloroethane (107-06-2)	X			<5						1	UG/L	LBS			
6V. 1,1-Dichloroethylene (75-35-4)	X			<5						1	UG/L	LBS			
7V. 1,2-Dichloropropane (78-87-5)	X			<5						1	UG/L	LBS			
8V. 1,3-Dichloropropylene (542-75-6)	X			<5						1	UG/L	LBS			
9V. Ethylbenzene (100-41-4)	X			<5						1	UG/L	LBS			
0V. Methyl Bromide (74-83-9)	X			<5						1	UG/L	LBS			
1V. Methyl Chloride (74-87-3)	X			<5						1	UG/L	LBS			

CONTINUED FROM PAGE V-6

A I.D. NUMBER (from page 1 of 2) NHD000842666 | OUTFALL NUMBER 004

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<3.6					1	UG/L	LBS			
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
24B. Diethyl Phthalate (84-66-2)	X			<10						1	UG/L	LBS			
25B. Dimethyl Phthalate (131-11-3)	X			<10						1	UG/L	LBS			
26B. Di-N-Butyl Phthalate (84-74-2)	X			<10						1	UG/L	LBS			
27B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
28B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
29B. Di-N-Octyl Phthalate (117-84-0)	X			<10						1	UG/L	LBS			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<10						1	UG/L	LBS			
31B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
32B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
33B. Hexachlorobenzene (118-74-1)	X			<10						1	UG/L	LBS			
34B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
35B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
36B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
38B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
39B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
40B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
41B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUE ON REVERSE

)NTINUED FROM THE FRONT

POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
IB. N-Nitrodiphenylamine 6-30-6)	X			<10	<3.6					1	UG/L	LBS			
IB. Phenanthrene 5-01-8)	X			<10	<3.6					1	UG/L	LBS			
IB. Pyrene 29-00-0)	X			<10	<3.6					1	UG/L	LBS			
IB. 1,2,4 - Trilorobenzene 20-82-1)	X			<10	<3.6					1	UG/L	LBS			
C/MS FRACTION – PESTICIDES															
'. Aldrin 09-00-2)			X												
'. α-BHC 19-84-6)			X												
'. β-BHC 19-85-7)			X												
'. γ-BHC 8-89-9)			X												
'. δ-BHC 19-86-8)			X												
'. Chlordane 7-74-9)			X												
'. 4,4'-DDT 0-29-3)			X												
'. 4,4'-DDE 2-55-9)			X												
'. 4,4'-DDD 2-54-8)			X												
IP. Dieldrin 0-57-1)			X												
IP. α-Endosulfan 15-29-7)			X												
IP. β-Endosulfan 15-29-7)			X												
IP. Endosulfan ulfate 031-07-8)			X												
IP. Endrin 2-20-8)			X												
IP. Endrin dehyde 421-93-4)			X												
IP. Heptachlor 6-44-8)			X												

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

A.I.D. NUMBER (copy from item 1 of 1 on 1) NHD000842666 | OUTFALL NUMBER 004

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

☆U.S. GOVERNMENT PRINTING OFFICE : 1986 O - 491-191 (46116)

Outfall 006

This outfall actually consists of six pipes, two from each of the three units. With the exception of roof drains, the outfall is only used on the rare occasion when a deaerator or closed cooling water head tank overflow due to a unit upset or when the transfer tank is out of service. It was only activated on three occasions for a total of nine days in the last 3 years.

Samples of normal boiler blowdown from Unit #6 were collected to simulate the potential discharge effluent. The data shows the condensate to be relatively pure. Flows are based on the limited number of actual historical discharge estimates. PSNH requests no changes to the existing monitoring requirements.

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	006

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

ONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
M. Antimony, Total (7440-36-0)	X			<0.02	<0.0001					1	MG/L	LBS			
M. Arsenic, Total (7440-38-2)	X			<0.004	<0.0001										
M. Beryllium, Total (7440-41-7)	X			<0.005	<0.0001										
M. Cadmium, Total (7440-43-9)	X			<0.005	<0.0001										
M. Chromium, Total (7440-47-3)	X			<0.04	<0.0002										
M. Copper, Total (7440-50-8)	X			<0.005	<0.0001										
M. Lead, Total (7439-92-1)	X			<0.01	<0.0001										
M. Mercury, Total (7439-97-6)	X			0.0004	0.000002										
M. Nickel, Total (7440-02-0)	X			<0.01	<0.0001										
0M. Selenium, Total (7782-49-2)	X			<0.005	<0.0001										
1M. Silver, Total (7440-22-4)	X			<0.004	<0.0001										
2M. Thallium, Total (7440-28-0)	X			<0.04	<0.0002										
3M. Zinc, Total (7440-66-6)	X			0.019	0.0001										
4M. Cyanide, Total (57-12-5)	X			<0.01	<0.0001										
15M. Phenols, Total	X			<0.05	<0.0002										
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<10	<0.0001					1	UG/L	LBS			
2V. Acrylonitrile (107-13-1)	X			<10	<0.0001					1	UG/L	LBS			
3V. Benzene (71-43-2)	X			<5	<0.0001					1	UG/L	LBS			
4V. Bis (Chloromethyl) Ether (542-88-1)	TESTING NOT REQUIRED														
5V. Bromoform (75-25-2)	X			<5	<0.0001					1	UG/L	LBS			
6V. Carbon Tetrachloride (56-23-5)	X			<5						1	UG/L	LBS			
7V. Chlorobenzene (108-90-7)	X			<5						1	UG/L	LBS			
8V. Chlorodibromomethane (124-48-1)	X			<5						1	UG/L	LBS			
9V. Chloroethane (75-00-3)	X			<5						1	UG/L	LBS			
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<5						1	UG/L	LBS			
11V. Chloroform (67-66-3)	X			<5						1	UG/L	LBS			
12V. Dichlorobromomethane (75-27-4)	X			<5						1	UG/L	LBS			
13V. Dichlorodifluoromethane (75-71-8)	TESTING NOT REQUIRED														
14V. 1,1-Dichloroethane (75-34-3)	X			<5	<0.0001					1	UG/L	LBS			
15V. 1,2-Dichloroethane (107-06-2)	X			<5						1	UG/L	LBS			
16V. 1,1-Dichloroethylene (75-35-4)	X			<5						1	UG/L	LBS			
17V. 1,2-Dichloropropane (78-87-5)	X			<5						1	UG/L	LBS			
18V. 1,3-Dichloropropylene (542-75-6)	X			<5						1	UG/L	LBS			
19V. Ethylbenzene (100-41-4)	X			<5						1	UG/L	LBS			
20V. Methyl Bromide (74-83-9)	X			<5						1	UG/L	LBS			
21V. Methyl Chloride (74-87-3)	X			<5						1	UG/L	LBS			

CONTINUE ON PAGE V

EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666 | OUTFALL NUMBER: 006

Approval expires 7-31-88

OLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST FOUND REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
MS FRACTION – VOLATILE COMPOUNDS (continued)															
Methylene ride (75-09-2)	X			< 5	<0.0001					1	UG/L	LBS			
1,1,2,2-Tetra-roethane 34-5)	X			< 5						1	UG/L	LBS			
Tetrachloro-lene (127-18-4)	X			< 5						1	UG/L	LBS			
Toluene 3-88-3)	X			< 5						1	UG/L	LBS			
1,2-Trans-hloroethylene 8-60-5)	X			< 5						1	UG/L	LBS			
1,1,1-Tri-oroethane -55-6)	X			< 5						1	UG/L	LBS			
1,1,2-Tri-oroethane -00-5)	X			< 5						1	UG/L	LBS			
Trichloro-ylene (79-01-6)	X			< 5						1	UG/L	LBS			
Trichloro-oromethane 3-69-4)	X			< 5						1	UG/L	LBS			
Vinyl loride (75-01-4)	X			< 5						1	UG/L	LBS			
C/MS FRACTION – ACID COMPOUNDS															
2-Chlorophenol 5-57-8)	X			< 10	<0.0001					1	UG/L	LBS			
2,4-Dichloro-henol (120-83-2)	X			< 10						1	UG/L	LBS			
2,4-Dimethyl-henol (105-67-9)	X			< 10						1	UG/L	LBS			
4,6-Dinitro-O-resol (534-52-1)	X			< 10						1	UG/L	LBS			
2,4-Dinitro-henol (51-28-5)	X			< 10						1	UG/L	LBS			
2-Nitrophenol 88-75-5)	X			< 10						1	UG/L	LBS			
4-Nitrophenol 100-02-7)	X			< 10						1	UG/L	LBS			
P-Chloro-M-resol (59-50-7)	X			< 10						1	UG/L	LBS			
Pentachloro-henol (87-86-5)	X			< 10						1	UG/L	LBS			
Phenol 108-95-2)	X			< 10						1	UG/L	LBS			
2,4,6-Tri-chlorophenol 88-06-2)	X			< 10						1	UG/L	LBS			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<0.0001					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10						1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10						1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20						1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10						1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10						1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10						1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10						1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10						1	UG/L	LBS			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<10						1	UG/L	LBS			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<10						1	UG/L	LBS			
12B. Bis (2-Chloroiso-propyl) Ether (102-60-1)	X			<10						1	UG/L	LBS			
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<10						1	UG/L	LBS			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<10						1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10						1	UG/L	LBS			
16B. 2-Chloro-naphthalene (91-58-7)	X			<10						1	UG/L	LBS			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<10						1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10						1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10						1	UG/L	LBS			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<10						1	UG/L	LBS			
21B. 1,3-Dichloro-benzene (541-73-1)	X			<10						1	UG/L	LBS			

CONTINUE ON PAGE V-7

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

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD000842666

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

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

OUTFALL NO. 006

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	4	0.02					1	MG/L	LBS			
b. Chemical Oxygen Demand *(COD)*	<10	<0.05					1	MG/L	LBS			
c. Total Organic Carbon *(TOC)*	<5	<0.02					1	MG/L	LBS			
d. Total Suspended Solids *(TSS)*	<10	<0.05					1	MG/L	LBS			
e. Ammonia *(as N)*	0.9	0.004					1	MG/L	LBS			
f. Flow	VALUE 584*		VALUE 90*		VALUE		9	GPD	—	VALUE		
g. Temperature *(winter)*	VALUE 100		VALUE 100		VALUE		EST	°C		VALUE		
h. Temperature *(summer)*	VALUE 100		VALUE 100		VALUE		EST	°C		VALUE		
i. pH	MINIMUM 9.4	MAXIMUM 10.0	MINIMUM 9.4	MAXIMUM 10.0			9	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X	<2	<0.1					1	MG/L	LBS			
b. Chlorine, Total Residual		X	<0.05	<0.0002					1	MG/L	LBS			
c. Color		X												
d. Fecal Coliform		X	<1	—					1	CFU/100ML	—			
e. Fluoride (16984-48-8)	X		0.46	0.002					1	MG/L	LBS			
f. Nitrate-Nitrite *(as N)*		X	<0.05	<0.0002					1	MG/L	LBS			

CONTINUE ON REVERSE

* NOT INCLUDING ROOF DRAINS.

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)		X	< 5	< 0.02					1	MG/L	LBS			
h. Oil and Grease		X	< 5	< 0.02					1	MG/L	LBS			
i. Phosphorus (as P), Total (7723-14-0)		X	< 0.01	< 0.0001					1	MG/L	LBS			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		46	0.2					1	MG/L	LBS			
l. Sulfide (as S)		X	< 1	< 0.005					1	MG/L	LBS			
m. Sulfite (as SO_3) (14265-45-3)		X	< 0.2	< 0.001					1	MG/L	LBS			
n. Surfactants		X	< 0.02	< 0.0001					1	MG/L	LBS			
o. Aluminum, Total (7429-90-5)		X	< 0.3	< 0.001					1	MG/L	LBS			
p. Barium, Total (7440-39-3)		X	< 0.4	< 0.002					1	MG/L	LBS			
q. Boron, Total (7440-42-8)		X	0.06	0.0003					1	MG/L	LBS			
r. Cobalt, Total (7440-48-4)		X	< 0.02	< 0.0001					1	MG/L	LBS			
s. Iron, Total (7439-89-6)		X	< 0.02	< 0.0001					1	MG/L	LBS			
t. Magnesium, Total (7439-95-4)		X	< 0.005	< 0.0001					1	MG/L	LBS			
u. Molybdenum, Total (7439-98-7)		X	< 0.08	< 0.0004					1	MG/L	LBS			
v. Manganese, Total (7439-96-5)		X	< 0.006	< 0.0001					1	MG/L	LBS			
w. Tin, Total (7440-31-5)		X	< 0.04	< 0.0002					1	MG/L	LBS			
x. Titanium, Total (7440-32-6)		X	< 0.2	< 0.001					1	MG/L	LBS			

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666 | OUTFALL NUMBER: 004

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

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
MS FRACTION – VOLATILE COMPOUNDS (continued)															
. Methylene ride (75-09-2)	X			< 5	< 1.8					1	UG/L	LBS			
. 1,1,2,2-Tetra- roethane (34-5)	X			< 5						1	UG/L	LBS			
. Tetrachloro- ylene (127-18-4)	X			< 5						1	UG/L	LBS			
Toluene 3-88-3)	X			< 5						1	UG/L	LBS			
. 1,2-Trans- hloroethylene 8-60-5)	X			< 5						1	UG/L	LBS			
. 1,1,1-Tri- oroethane -55-6)	X			< 5						1	UG/L	LBS			
. 1,1,2-Tri- oroethane -00-5)	X			< 5						1	UG/L	LBS			
. Trichloro- ylene (79-01-6)	X			< 5						1	UG/L	LBS			
. Trichloro- oromethane -69-4)	X			< 5						1	UG/L	LBS			
. Vinyl loride (75-01-4)	X			< 5						1	UG/L	LBS			
/MS FRACTION – ACID COMPOUNDS															
. 2-Chlorophenol 5-57-8)	X			< 10	< 3.6					1	UG/L	LBS			
. 2,4-Dichloro- enol (120-83-2)	X			< 10						1	UG/L	LBS			
. 2,4-Dimethyl- enol (105-67-9)	X			< 10						1	UG/L	LBS			
. 4,6-Dinitro-O- resol (534-52-1)	X			< 10						1	UG/L	LBS			
. 2,4-Dinitro- enol (51-28-5)	X			< 10						1	UG/L	LBS			
. 2-Nitrophenol 8-75-5)	X			< 10						1	UG/L	LBS			
. 4-Nitrophenol 00-02-7)	X			< 10						1	UG/L	LBS			
. P-Chloro-M- resol (59-50-7)	X			< 10						1	UG/L	LBS			
. Pentachloro- henol (87-86-5)	X			< 10						1	UG/L	LBS			
0A. Phenol 08-95-2)	X			< 10						1	UG/L	LBS			
1A. 2,4,6-Tri- hlorophenol 88-06-2)	X			< 10						1	UG/L	LBS			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<3.6					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10	<3.6					1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10	<3.6					1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20	<7.2					1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10	<3.6					1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10						1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10						1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10						1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10						1	UG/L	LBS			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<10						1	UG/L	LBS			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<10						1	UG/L	LBS			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)	X			<10						1	UG/L	LBS			
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X			<10						1	UG/L	LBS			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<10						1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10						1	UG/L	LBS			
16B. 2-Chloro-naphthalene (91-58-7)	X			<10						1	UG/L	LBS			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<10						1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10						1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10						1	UG/L	LBS			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<10						1	UG/L	LBS			
21B. 1,3-Dichloro-benzene (541-73-1)	X			<10						1	UG/L	LBS			

CONTINUE ON PAGE V-7

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NHD000842666 | 006

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

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
2B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<0.0001					1	UG/L	LBS			
3B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
4B. Diethyl hthalate (84-66-2)	X			<10						1	UG/L	LBS			
5B. Dimethyl hthalate (131-11-3)	X			<10						1	UG/L	LBS			
6B. Di-N-Butyl hthalate (84-74-2)	X			<10						1	UG/L	LBS			
7B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
8B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
9B. Di-N-Octyl hthalate (117-84-0)	X			<10						1	UG/L	LBS			
0B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<10						1	UG/L	LBS			
1B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
2B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
3B. Hexachlorobenzene (18-74-1)	X			<10						1	UG/L	LBS			
4B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
5B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
6B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
7B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
8B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
9B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
0B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
1B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
2B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUE ON REVERSE

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
3B. N-Nitrosodiphenylamine (86-30-6)	X			<10	<0.0001					1	UG/L	LBS			
4B. Phenanthrene (85-01-8)	X			<10	<0.0001					1	UG/L	LBS			
5B. Pyrene (129-00-0)	X			<10	<0.0001					1	UG/L	LBS			
6B. 1,2,4-Trichlorobenzene (120-82-1)	X			<10	<0.0001					1	UG/L	LBS			
GC/MS FRACTION – PESTICIDES															
P. Aldrin (309-00-2)			X												
P. α-BHC (319-84-6)			X												
P. β-BHC (319-85-7)			X												
P. γ-BHC (58-89-9)			X												
P. δ-BHC (319-86-8)			X												
P. Chlordane (57-74-9)			X												
P. 4,4'-DDT (50-29-3)			X												
P. 4,4'-DDE (72-55-9)			X												
P. 4,4'-DDD (72-54-8)			X												
0P. Dieldrin (60-57-1)			X												
1P. α-Endosulfan (115-29-7)			X												
2P. β-Endosulfan (115-29-7)			X												
3P. Endosulfan sulfate (1031-07-8)			X												
4P. Endrin (72-20-8)			X												
5P. Endrin aldehyde (7421-93-4)			X												
6P. Heptachlor (76-44-8)			X												

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

A I.D. NUMBER (copy from item 1 of Form 1) NHD000842666 | OUTFALL NUMBER 006

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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Outfall 011

Effluent consists of a combination of stormwater and heater condensate drains from the Schiller Station Tank Farm. The maximum daily flow was partly calculated using a 10-year, 24-hour rainfall event of 4.6-inches. Based on historical results, PSNH requests the oil and grease monitoring frequency be reduced to quarterly. The pH language warrants clarification.

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

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD000842666

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

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

OUTFALL NO. 018

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	5	25					1	MG/L	LBS			
b. Chemical Oxygen Demand (COD)	<10	<50					1	MG/L	LBS			
c. Total Organic Carbon (TOC)	<5	<25					1	MG/L	LBS			
d. Total Suspended Solids (TSS)	<10	<50					1	MG/L	LBS			
e. Ammonia (as N)	<0.1	<0.5					1	MG/L	LBS			
f. Flow	VALUE 605000		VALUE 200000		VALUE 8700		1095	GPD	—	VALUE		
g. Temperature (winter)	VALUE 12		VALUE		VALUE		EST	°C		VALUE		
h. Temperature (summer)	VALUE 26		VALUE		VALUE		EST	°C		VALUE		
i. pH	MINIMUM 5.7	MAXIMUM 7.7	MINIMUM 5.7	MAXIMUM 7.7			37	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	<10					1	MG/L	LBS			
b. Chlorine, Total Residual		X	<0.05	<0.25					1	MG/L	LBS			
c. Color	X													
d. Fecal Coliform		X	<1	<5					1	CFU/100ML	—			
e. Fluoride (16984-48-8)	X		0.3	1.5					1	MG/L	LBS			
f. Nitrate-Nitrite (as N)	X		0.33	1.7					1	MG/L	LBS			

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK X		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		<0.5	<2.5					1	MG/L	LBS			
h. Oil and Grease	X		12.4	62.6	<5	<8	<5	<0.4	37	MG/L	LBS			
i. Phosphorus (as P), Total (7723-14-0)	X		0.01	0.05					1	MG/L	LBS			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		46	232					1	MG/L	LBS			
l. Sulfide (as S)		X	<1	<5										
m. Sulfite (as SO_3) (14265-45-3)		X	<0.2	<1.0										
n. Surfactants	X		<0.02	<0.10										
o. Aluminum, Total (7429-90-5)	X		<0.3	<1.5										
p. Barium, Total (7440-39-3)	X		<0.4	<2.0										
q. Boron, Total (7440-42-8)	X		0.06	0.30										
r. Cobalt, Total (7440-48-4)	X		<0.02	<0.10										
s. Iron, Total (7439-89-6)	X		0.06	0.30										
t. Magnesium, Total (7439-95-4)	X		0.49	2.47										
u. Molybdenum, Total (7439-98-7)	X		<0.08	<0.40										
v. Manganese, Total (7439-96-5)	X		<0.006	<0.030										
w. Tin, Total (7440-31-5)	X		<0.04	<0.20										
x. Titanium, Total (7440-32-6)	X		<0.2	<1.0										

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NTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666
OUTFALL NUMBER: 020, 021/022

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

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST DATA REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION — VOLATILE COMPOUNDS (continued)															
V. Methylene loride (75-09-2)	X			< 5	<0.004					1	UG/L	LBS			
V. 1,1,2,2-Tetra-loroethane 9-34-5)	X			< 5						1	UG/L	LBS			
V. Tetrachloro-ylene (127-18-4)	X			< 5						1	UG/L	LBS			
V. Toluene 08-88-3)	X			< 5						1	UG/L	LBS			
V. 1,2-Trans-chloroethylene 56-60-5)	X			< 5						1	UG/L	LBS			
V. 1,1,1-Tri-loroethane 1-55-6)	X			< 5						1	UG/L	LBS			
V. 1,1,2-Tri-loroethane 9-00-5)	X			< 5						1	UG/L	LBS			
V. Trichloro-ylene (79-01-6)	X			< 5						1	UG/L	LBS			
V. Trichloro-oromethane 5-69-4)	X			< 5						1	UG/L	LBS			
V. Vinyl loride (75-01-4)	X			< 5						1	UG/L	LBS			
C/MS FRACTION — ACID COMPOUNDS															
A. 2-Chlorophenol 6-57-8)	X			< 10	< 0.01					1	UG/L	LBS			
A. 2,4-Dichloro-enol (120-83-2)	X			< 10						1	UG/L	LBS			
A. 2,4-Dimethyl-enol (105-67-9)	X			< 10						1	UG/L	LBS			
A. 4,6-Dinitro-O-esol (534-52-1)	X			< 10						1	UG/L	LBS			
A. 2,4-Dinitro-enol (51-28-5)	X			< 10						1	UG/L	LBS			
A. 2-Nitrophenol 8-75-5)	X			< 10						1	UG/L	LBS			
A. 4-Nitrophenol 00-02-7)	X			< 10						1	UG/L	LBS			
A. P-Chloro-M-esol (59-50-7)	X			< 10						1	UG/L	LBS			
A. Pentachloro-enol (87-86-5)	X			< 10						1	UG/L	LBS			
A. Phenol 08-95-2)	X			< 10						1	UG/L	LBS			
A. 2,4,6-Tri-lorophenol 8-06-2)	X			< 10						1	UG/L	LBS			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<0.01					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10	<0.01					1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10	<0.01					1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20	<0.02					1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10	<0.01					1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10						1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10						1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10						1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10						1	UG/L	LBS			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<10						1	UG/L	LBS			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<10						1	UG/L	LBS			
12B. Bis (2-Chloroiso-propyl) Ether (102-60-1)	X			<10						1	UG/L	LBS			
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<10						1	UG/L	LBS			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<10						1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10						1	UG/L	LBS			
16B. 2-Chloro-naphthalene (91-58-7)	X			<10						1	UG/L	LBS			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<10						1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10						1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10						1	UG/L	LBS			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<10						1	UG/L	LBS			
21B. 1,3-Dichloro-benzene (541-73-1)	X			<10						1	UG/L	LBS			

CONTINUE ON PAGE V-7

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	018

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

CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST IND REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<0.02	<0.10					1	MG/L	LBS			
2M. Arsenic, Total (7440-38-2)				<0.004	<0.020										
3M. Beryllium, Total (7440-41-7)				<0.005	<0.025										
4M. Cadmium, Total (7440-43-9)				<0.005	<0.025										
5M. Chromium, Total (7440-47-3)				<0.04	<0.20										
6M. Copper, Total (7440-50-8)				<0.005	<0.025										
7M. Lead, Total (7439-92-1)				<0.01	<0.05										
8M. Mercury, Total (7439-97-6)				0.0002	0.0010										
9M. Nickel, Total (7440-02-0)				<0.01	<0.05										
10M. Selenium, Total (7782-49-2)				<0.005	<0.025										
11M. Silver, Total (7440-22-4)				<0.004	<0.020										
12M. Thallium, Total (7440-28-0)				<0.04	<0.20										
13M. Zinc, Total (7440-66-6)				0.042	0.212										
14M. Cyanide, Total (57-12-5)				<0.01	<0.05										
15M. Phenols, Total				<0.05	<0.25										
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

ONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TEST REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG-TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS															
V. Acrolein (107-02-8)	X			<10	<0.05					1	UG/L	LBS			
V. Acrylonitrile (107-13-1)	X			<10	<0.05					1	UG/L	LBS			
V. Benzene (71-43-2)	X			<5	<0.02					1	UG/L	LBS			
V. Bis (Chloromethyl) Ether (542-88-1)	TESTING NOT REQUIRED														
V. Bromoform (75-25-2)	X			<5	<0.02					1	UG/L	LBS			
V. Carbon Tetrachloride (56-23-5)	X			<5						1	UG/L	LBS			
V. Chlorobenzene (108-90-7)	X			<5						1	UG/L	LBS			
V. Chlorodibromomethane (124-48-1)	X			<5						1	UG/L	LBS			
V. Chloroethane (75-00-3)	X			<5						1	UG/L	LBS			
V. 2-Chloroethylvinyl Ether (110-75-8)	X			<5						1	UG/L	LBS			
V. Chloroform (67-66-3)	X			<5						1	UG/L	LBS			
V. Dichlorobromomethane (75-27-4)	X			<5						1	UG/L	LBS			
V. Dichlorodifluoromethane (75-71-8)	TESTING NOT REQUIRED														
V. 1,1-Dichloroethane (75-34-3)	X			<5	<0.02					1	UG/L	LBS			
V. 1,2-Dichloroethane (107-06-2)	X			<5						1	UG/L	LBS			
V. 1,1-Dichloroethylene (75-35-4)	X			<5						1	UG/L	LBS			
V. 1,2-Dichloropropane (78-87-5)	X			<5						1	UG/L	LBS			
V. 1,3-Dichloropropylene (542-75-6)	X			<5						1	UG/L	LBS			
V. Ethylbenzene (100-41-4)	X			<5						1	UG/L	LBS			
V. Methyl Bromide (74-83-9)	X			<5						1	UG/L	LBS			
V. Methyl Chloride (74-87-3)	X			<5						1	UG/L	LBS			

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EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666
OUTFALL NUMBER: 018

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST FOUND REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS (continued)															
2V. Methylene Chloride (75-09-2)	X			< 5	<0.02					1	UG/L	LBS			
3V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			< 5						1	UG/L	LBS			
4V. Tetrachloroethylene (127-18-4)	X			< 5						1	UG/L	LBS			
5V. Toluene (108-88-3)	X			< 5						1	UG/L	LBS			
6V. 1,2-Trans-Dichloroethylene (156-60-5)	X			< 5						1	UG/L	LBS			
7V. 1,1,1-Trichloroethane (71-55-6)	X			< 5						1	UG/L	LBS			
8V. 1,1,2-Trichloroethane (79-00-5)	X			< 5						1	UG/L	LBS			
9V. Trichloroethylene (79-01-6)	X			< 5						1	UG/L	LBS			
30V. Trichlorofluoromethane (75-69-4)	X			< 5						1	UG/L	LBS			
31V. Vinyl Chloride (75-01-4)	X			< 5						1	UG/L	LBS			
GC/MS FRACTION — ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			< 10	<0.05					1	UG/L	LBS			
2A. 2,4-Dichlorophenol (120-83-2)	X			< 10						1	UG/L	LBS			
3A. 2,4-Dimethylphenol (105-67-9)	X			< 10						1	UG/L	LBS			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			< 10						1	UG/L	LBS			
5A. 2,4-Dinitrophenol (51-28-5)	X			< 10						1	UG/L	LBS			
6A. 2-Nitrophenol (88-75-5)	X			< 10						1	UG/L	LBS			
7A. 4-Nitrophenol (100-02-7)	X			< 10						1	UG/L	LBS			
8A. P-Chloro-M-Cresol (59-50-7)	X			< 10						1	UG/L	LBS			
9A. Pentachlorophenol (87-86-5)	X			< 10						1	UG/L	LBS			
10A. Phenol (108-95-2)	X			< 10						1	UG/L	LBS			
11A. 2,4,6-Trichlorophenol (88-06-2)	X			< 10						1	UG/L	LBS			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST INFO. REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<0.05					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10	<0.05					1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10	<0.05					1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20	<0.10					1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10	<0.05					1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10						1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10						1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10						1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10						1	UG/L	LBS			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<10						1	UG/L	LBS			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<10						1	UG/L	LBS			
12B. Bis (2-Chloroiso-propyl) Ether (102-60-1)	X			<10						1	UG/L	LBS			
13B. Bis (2-Ethyl hexyl) Phthalate (117-81-7)	X			<10						1	UG/L	LBS			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<10						1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10						1	UG/L	LBS			
16B. 2-Chloro-naphthalene (91-58-7)	X			<10						1	UG/L	LBS			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<10						1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10						1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10						1	UG/L	LBS			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<10						1	UG/L	LBS			
21B. 1,3-Dichloro-benzene (541-73-1)	X			<10						1	UG/L	LBS			

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EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666 | OUTFALL NUMBER: 018

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<0.05					1	UG/L	LBS			
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
24B. Diethyl Phthalate (84-66-2)	X			<10						1	UG/L	LBS			
25B. Dimethyl Phthalate (131-11-3)	X			<10						1	UG/L	LBS			
26B. Di-N-Butyl Phthalate (84-74-2)	X			<10						1	UG/L	LBS			
27B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
28B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
29B. Di-N-Octyl Phthalate (117-84-0)	X			<10						1	UG/L	LBS			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)				<10						1	UG/L	LBS			
31B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
32B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
33B. Hexachlorobenzene (118-74-1)	X			<10						1	UG/L	LBS			
34B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
35B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
36B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
38B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
39B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
40B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
41B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<10	<0.05					1	UG/L	LBS			
44B. Phenanthrene (85-01-8)	X			<10	<0.05					1	UG/L	LBS			
45B. Pyrene (129-00-0)	X			<10	<0.05					1	UG/L	LBS			
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<10	<0.05					1	UG/L	LBS			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

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ONTINUED FROM PAGE V-8

I.D. NUMBER (Copy from Item 1 of Form 1): NHD000842666

OUTFALL NUMBER: 018

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – PESTICIDES (continued)															
7P. Heptachlor oxide 024-57-3)			X												
8P. PCB-1242 3469-21-9)			X												
9P. PCB-1254 1097-69-1)			X												
0P. PCB-1221 1104-28-2)			X												
1P. PCB-1232 1141-16-5)			X												
2P. PCB-1248 2672-29-6)			X												
3P. PCB-1260 1096-82-5)			X												
4P. PCB-1016 2674-11-2)			X												
5P. Toxaphene 001-35-2)			X												

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Outfalls 020, 021/022

These outfalls represent river water that is used to backwash the travelling screens for the non-contact cooling water intakes. Outfall 020 is for Unit 4, 021/022 is the combined discharge for Units 5 and 6. PSNH requests the two outfalls be combined under one monitoring/reporting procedure.

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

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD000842666

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

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

OUTFALL NO. 020 021/022

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	7	6					1	MG/L	LBS	X		
b. Chemical Oxygen Demand *(COD)*	370	333					1	MG/L	LBS	X		
c. Total Organic Carbon *(TOC)*	<5	<4					1	MG/L	LBS	X		
d. Total Suspended Solids *(TSS)*	<10	<9					1	MG/L	LBS	X		
e. Ammonia *(as N)*	<0.1	<0.1					1	MG/L	LBS	X		
f. Flow	VALUE 108000		VALUE 108000		VALUE 8400		1095	GPD	—	VALUE		
g. Temperature *(winter)*	VALUE 13		VALUE		VALUE		EST	°C		VALUE		
h. Temperature *(summer)*	VALUE 21		VALUE		VALUE		EST	°C		VALUE		
i. pH	MINIMUM 7.8	MAXIMUM 8.2	MINIMUM 7.8	MAXIMUM 8.2			2	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	<2					1	MG/L	LBS	X		
b. Chlorine, Total Residual		X	<0.05	<0.04					1	MG/L	LBS			
c. Color	X											X		
d. Fecal Coliform	X		<1	<0.9					1	CFU/100ML	—	X		
e. Fluoride (16984-48-8)	X		0.44	0.40					1	MG/L	LBS	X		
f. Nitrate-Nitrite *(as N)*	X		<0.1	<0.1					1	MG/L	LBS	X		

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
i. Nitrogen, Total Organic (as N)	X		<0.5	<0.4					1	MG/L	LBS	X		
h. Oil and Grease	X		<5	<4					1	MG/L	LBS	X		
i. Phosphorus (as P), Total (7723-14-0)	X		0.015	0.014					1	MG/L	LBS	X		
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		580	523					1	MG/L	LBS	X		
l. Sulfide (as S)	X		<1	<0.9					1	MG/L	LBS	X		
m. Sulfite (as SO_3) (14265-45-3)	X		<0.2	<0.2					1	MG/L	LBS	X		
n. Surfactants	X		<0.02	<0.02					1	MG/L	LBS	X		
o. Aluminum, Total (7429-90-5)	X		<0.3	<0.3					1	MG/L	LBS	X		
p. Barium, Total (7440-39-3)	X		<0.4	<0.4					1	MG/L	LBS	X		
q. Boron, Total (7440-42-8)	X		3.38	3.05					1	MG/L	LBS	X		
r. Cobalt, Total (7440-48-4)	X		<0.02	<0.02					1	MG/L	LBS	X		
s. Iron, Total (7439-89-6)	X		<0.02	<0.02					1	MG/L	LBS	X		
t. Magnesium, Total (7439-95-4)	X		1200	1081					1	MG/L	LBS	X		
u. Molybdenum, Total (7439-98-7)	X		<0.08	<0.07					1	MG/L	LBS	X		
v. Manganese, Total (7439-96-5)	X		0.07	0.06					1	MG/L	LBS	X		
w. Tin, Total (7440-31-5)	X		<0.04	<0.04					1	MG/L	LBS	X		
x. Titanium, Total (7440-32-6)	X		<0.2	<0.2					1	MG/L	LBS	X		

CONTINUE ON PAGE V-3

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EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: NHD000842666

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

OUTFALL NO. 016/017

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

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	5	12					1	MG/L	LBS			
b. Chemical Oxygen Demand *(COD)*	<10	<25					1	MG/L	LBS			
c. Total Organic Carbon *(TOC)*	1.2	3.0					1	MG/L	LBS			
d. Total Suspended Solids *(TSS)*	10.2	25.5	3.1	5.2	3.1	1.3	157	MG/L	LBS			
e. Ammonia *(as N)*	<0.1	<0.2					1	MG/L	LBS			
f. Flow	VALUE 300000		VALUE 200000		VALUE 51700		1095	GPD	—	VALUE		
g. Temperature *(winter)*	VALUE 15		VALUE		VALUE		EST	°C		VALUE		
h. Temperature *(summer)*	VALUE 30		VALUE		VALUE		EST	°C		VALUE		
i. pH	MINIMUM 6.5	MAXIMUM 8.0	MINIMUM 6.5	MAXIMUM 8.0			1095	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	<5					1	MG/L	LBS			
b. Chlorine, Total Residual		X	<0.05	<0.12					1	MG/L	LBS			
c. Color	X													
d. Fecal Coliform		X	<1	<2					1	CFU/100ML	—			
e. Fluoride (16984-48-8)	X		0.38	0.95					1	MG/L	LBS			
f. Nitrate-Nitrite *(as N)*	X		0.32	0.80					1	MG/L	LBS			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.2	3.0					1	MG/L	LBS			
h. Oil and Grease	X		14.7	36.8	<5	<8	2.5	1.1	157	MG/L	LBS			
i. Phosphorus (as P), Total (7723-14-0)	X		<0.01	<0.02					1	MG/L	LBS			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		420	1051					1	MG/L	LBS			
l. Sulfide (as S)		X	<1	<2.5					1					
m. Sulfite (as SO_3) (14265-45-3)		X	<0.2	<0.5					1					
n. Surfactants	X		<0.02	<0.05					1					
o. Aluminum, Total (7429-90-5)	X		<0.3	<0.8					1					
p. Barium, Total (7440-39-3)	X		<0.4	<1.0					1					
q. Boron, Total (7440-42-8)	X		0.14	0.35					1					
r. Cobalt, Total (7440-48-4)	X		<0.02	<0.05					1					
s. Iron, Total (7439-89-6)	X		0.9	2.2	0.5	0.8	0.5	0.2	157					
t. Magnesium, Total (7439-95-4)	X		6.6	16.5					1					
u. Molybdenum, Total (7439-98-7)	X		0.73	1.8					1					
v. Manganese, Total (7439-96-5)	X		<0.006	<0.015					1					
w. Tin, Total (7440-31-5)	X		<0.04	<0.10					1					
x. Titanium, Total (7440-32-6)	X		<0.2	<0.5					1					

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	016/017

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

CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
M. Antimony, otal (7440-36-0)	X			<0.02	<0.05					1	MG/L	LBS			
M. Arsenic, Total 7440-38-2)				<0.004	<0.010					1					
M. Beryllium, otal, 7440-41-7)				<0.005	<0.012					1					
M. Cadmium, otal (7440-43-9)				<0.005	<0.012					1					
M. Chromium, otal (7440-47-3)				<0.04	<0.10					1					
M. Copper, Total 440-50-8)				0.2	<0.5	0.08	0.13	0.08	0.03	157					
M. Lead, Total 439-92-1)				<0.01	<0.02					1					
M. Mercury, Total 439-97-6)				<0.0002	<0.0005					1					
M. Nickel, Total 440-02-0)				<0.01	<0.02					1					
M. Selenium, otal (7782-49-2)				0.016	0.040					1					
M. Silver, Total 440-22-4)				<0.004	<0.010					1					
M. Thallium, tal (7440-28-0)				<0.04	<0.10					1					
M. Zinc, Total 440-66-6)				0.01	0.02					1					
M. Cyanide, tal (57-12-5)				<0.01	<0.02					1					
M. Phenols, tal				<0.05	<0.12					1					
OXIN															
,7,8-Tetra-orodibenzo-P-oxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<10	<0.02					1	UG/L	LBS			
2V. Acrylonitrile (107-13-1)	X			<10	<0.02					1	UG/L	LBS			
3V. Benzene (71-43-2)	X			<5	<0.01					1	UG/L	LBS			
4V. Bis (Chloromethyl) Ether (542-88-1)	TESTING NOT REQUIRED														
5V. Bromoform (75-25-2)	X			<5	<0.01					1	UG/L	LBS			
6V. Carbon Tetrachloride (56-23-5)	X			<5						1	UG/L	LBS			
7V. Chlorobenzene (108-90-7)	X			<5						1	UG/L	LBS			
8V. Chlorodibromomethane (124-48-1)	X			<5						1	UG/L	LBS			
9V. Chloroethane (75-00-3)	X			<5						1	UG/L	LBS			
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<5						1	UG/L	LBS			
11V. Chloroform (67-66-3)	X			<5						1	UG/L	LBS			
12V. Dichlorobromomethane (75-27-4)	X			<5						1	UG/L	LBS			
13V. Dichlorodifluoromethane (75-71-8)	TESTING NOT REQUIRED														
14V. 1,1-Dichloroethane (75-34-3)	X			<5	<0.01					1	UG/L	LBS			
15V. 1,2-Dichloroethane (107-06-2)	X			<5						1	UG/L	LBS			
16V. 1,1-Dichloroethylene (75-35-4)	X			<5						1	UG/L	LBS			
17V. 1,2-Dichloropropane (78-87-5)	X			<5						1	UG/L	LBS			
18V. 1,3-Dichloropropylene (542-75-6)	X			<5						1	UG/L	LBS			
19V. Ethylbenzene (100-41-4)	X			<5						1	UG/L	LBS			
20V. Methyl Bromide (74-83-9)	X			<5						1	UG/L	LBS			
21V. Methyl Chloride (74-87-3)	X			<5						1	UG/L	LBS			

CONTINUE ON PAGE V

ITINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666
OUTFALL NUMBER: 016/017

Approve
Budget No. 204-
Approval expires 7-31-88

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST FOUND REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
/MS FRACTION — VOLATILE COMPOUNDS (continued)															
V. Methylene loride (75-09-2)	X			< 5	< 0.01					1	UG/L	LBS			
V. 1,1,2,2-Tetra-oroethane 1-34-5)	X			< 5						1	UG/L	LBS			
V. Tetrachloro-ylene (127-18-4)	X			< 5						1	UG/L	LBS			
V. Toluene 08-88-3)	X			< 5						1	UG/L	LBS			
V. 1,2-Trans-chloroethylene 56-60-5)	X			< 5						1	UG/L	LBS			
V. 1,1,1-Tri-loroethane 1-55-6)	X			< 5						1	UG/L	LBS			
V. 1,1,2-Tri-loroethane 9-00-5)	X			< 5						1	UG/L	LBS			
V. Trichloro-hylene (79-01-6)	X			< 5						1	UG/L	LBS			
V. Trichloro-uoromethane 5-69-4)	X			< 5						1	UG/L	LBS			
V. Vinyl hloride (75-01-4)	X			< 5						1	UG/L	LBS			
C/MS FRACTION — ACID COMPOUNDS															
A. 2-Chlorophenol 95-57-8)	X			< 10	< 0.02					1	UG/L	LBS			
A. 2,4-Dichloro-henol (120-83-2)	X			< 10						1	UG/L	LBS			
A. 2,4-Dimethyl-henol (105-67-9)	X			< 10						1	UG/L	LBS			
A. 4,6-Dinitro-O-Cresol (534-52-1)	X			< 10						1	UG/L	LBS			
A. 2,4-Dinitro-henol (51-28-5)	X			< 10						1	UG/L	LBS			
A. 2-Nitrophenol 88-75-5)	X			< 10						1	UG/L	LBS			
A. 4-Nitrophenol 100-02-7)	X			< 10						1	UG/L	LBS			
A. P-Chloro-M-Cresol (59-50-7)	X			< 10						1	UG/L	LBS			
A. Pentachloro-phenol (87-86-5)	X			< 10						1	UG/L	LBS			
10A. Phenol (108-95-2)	X			< 10						1	UG/L	LBS			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	X			< 10						1	UG/L	LBS			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<0.02					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10	<0.02					1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10	<0.02					1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20	<0.05					1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10	<0.02					1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10						1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10						1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10						1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10						1	UG/L	LBS			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<10						1	UG/L	LBS			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<10						1	UG/L	LBS			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)	X			<10						1	UG/L	LBS			
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X			<10						1	UG/L	LBS			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<10						1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10						1	UG/L	LBS			
16B. 2-Chloro-naphthalene (91-58-7)	X			<10						1	UG/L	LBS			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<10						1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10						1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10						1	UG/L	LBS			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<10						1	UG/L	LBS			
21B. 1,3-Dichloro-benzene (541-73-1)	X			<10						1	UG/L	LBS			

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I.D. NUMBER NHD000842666 | OUTFALL NUMBER 016/017

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

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION — BASE/NEUTRAL COMPOUNDS (continued)															
2B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<0.02					1	UG/L	LBS			
3B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
4B. Diethyl hthalate (84-66-2)	X			<10						1	UG/L	LBS			
5B. Dimethyl hthalate (131-11-3)	X			<10						1	UG/L	LBS			
6B. Di-N-Butyl hthalate (84-74-2)	X			<10						1	UG/L	LBS			
7B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
8B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
9B. Di-N-Octyl hthalate (117-84-0)	X			<10						1	UG/L	LBS			
0B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<10						1	UG/L	LBS			
1B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
2B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
3B. Hexachlorobenzene (118-74-1)	X			<10						1	UG/L	LBS			
4B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
5B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
6B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
7B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
8B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
9B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
0B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
1B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
2B. N-Nitrosodi-n-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUED FROM THE FRONT

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

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NPDES I.D. NUMBER (copy from item 1 of Form 1): NHD000842666 | OUTFALL NUMBER: 016 / 017

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

☆U.S. GOVERNMENT PRINTING OFFICE : 1986 O - 491-191 (46116)

Outfall 018

Effluent consists of a combination of stormwater and heater condensate drains from the Newington Tank Farm and Schiller Station grounds. The maximum daily flow was partly calculated using a 10-year, 24-hour rainfall event of 4.6-inches. Based on historical results, PSNH requests the oil and grease monitoring frequency be reduced to quarterly. The pH language warrants clarification.

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666 6	020 021/022

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

ONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST IND REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
ETALS, CYANIDE, AND TOTAL PHENOLS															
M. Antimony, Total (7440-36-0)	X			<0.02	<0.02					1	MG/L	LBS			
M. Arsenic, Total (7440-38-2)	X			<0.004	<0.004					1	MG/L	LBS			
M. Beryllium, Total (7440-41-7)	X			<0.005	<0.004					1	MG/L	LBS			
M. Cadmium, Total (7440-43-9)	X			<0.005	<0.004					1	MG/L	LBS			
M. Chromium, Total (7440-47-3)	X			<0.04	<0.04					1	MG/L	LBS			
M. Copper, Total (7440-50-8)	X			0.083	0.075					1	MG/L	LBS	X		
M. Lead, Total (7439-92-1)	X			<0.01	<0.01					1	MG/L	LBS			
M. Mercury, Total (7439-97-6)	X			0.0006	0.0005					1	MG/L	LBS	X		
M. Nickel, Total (7440-02-0)	X			<0.01	<0.01					1	MG/L	LBS			
DM. Selenium, Total (7782-49-2)	X			0.2	0.2					1	MG/L	LBS	X		
1M. Silver, Total (7440-22-4)	X			<0.004	<0.004					1	MG/L	LBS			
2M. Thallium, Total (7440-28-0)	X			<0.04	<0.04					1	MG/L	LBS			
3M. Zinc, Total (7440-66-6)	X			<0.006	<0.005					1	MG/L	LBS			
4M. Cyanide, Total (57-12-5)	X			<0.01	<0.01					1	MG/L	LBS			
5M. Phenols, Total	X			<0.05	<0.04					1	MG/L	LBS			
IOXIN															
3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

TINUED FROM THE FRONT

POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
MS FRACTION — VOLATILE COMPOUNDS															
Acrolein (-02-8)	X			<10	<0.01					1	UG/L	LBS			
Acrylonitrile (-13-1)	X			<10	<0.01					1	UG/L	LBS			
Benzene (43-2)	X			<5	<0.004					1	UG/L	LBS			
Bis (Chloro-hyl) Ether (2-88-1)	TESTING NOT REQUIRED														
Bromoform (-25-2)	X			<5	<0.004					1	UG/L	LBS			
Carbon rachloride (-23-5)	X			<5						1	UG/L	LBS			
Chlorobenzene (8-90-7)	X			<5						1	UG/L	LBS			
Chlorodi-romomethane (4-48-1)	X			<5						1	UG/L	LBS			
Chloroethane (-00-3)	X			<5						1	UG/L	LBS			
2-Chloro-ylvinyl Ether (0-75-8)	X			<5						1	UG/L	LBS			
Chloroform (-66-3)	X			<5						1	UG/L	LBS			
Dichloro-romomethane (-27-4)	X			<5						1	UG/L	LBS			
Dichloro-uoromethane (-71-8)	TESTING NOT REQUIRED														
1,1-Dichloro-ane (75-34-3)	X			<5	<0.004					1	UG/L	LBS			
1,2-Dichloro-ane (107-06-2)	X			<5						1	UG/L	LBS			
1,1-Dichloro-ylene (75-35-4)	X			<5						1	UG/L	LBS			
1,2-Dichloro-pane (78-87-5)	X			<5						1	UG/L	LBS			
1,3-Dichloro-pylene (542-75-6)	X			<5						1	UG/L	LBS			
Ethylbenzene (0-41-4)	X			<5						1	UG/L	LBS			
Methyl nide (74-83-9)	X			<5						1	UG/L	LBS			
Methyl loride (74-87-3)	X			<5						1	UG/L	LBS			

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CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	020, 021/022

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
2B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<0.01					1	UG/L	LBS			
3B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
4B. Diethyl Phthalate (84-66-2)	X			<10						1	UG/L	LBS			
5B. Dimethyl Phthalate (131-11-3)	X			<10						1	UG/L	LBS			
6B. Di-N-Butyl Phthalate (84-74-2)	X			<10						1	UG/L	LBS			
7B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
8B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
9B. Di-N-Octyl Phthalate (117-84-0)	X			<10						1	UG/L	LBS			
0B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<10						1	UG/L	LBS			
1B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
2B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
3B. Hexachlorobenzene (18-74-1)	X			<10						1	UG/L	LBS			
4B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
5B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
6B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
7B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
8B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
9B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
0B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
1B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
2B. N-Nitrosodi-n-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUED FROM THE FRONT

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

ONTINUED FROM THE FRONT

. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
C/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
3B. N-Nitro-diphenylamine 16-30-6)	X			<10	<0.02					1	UG/L	LBS			
4B. Phenanthrene 15-01-8)	X			<10	<0.02					1	UG/L	LBS			
5B. Pyrene 129-00-0)	X			<10	<0.02					1	UG/L	LBS			
6B. 1,2,4 - Tri-hlorobenzene 120-82-1)	X			<10	<0.02					1	UG/L	LBS			
C/MS FRACTION – PESTICIDES															
P. Aldrin 309-00-2)			X												
P. α-BHC 319-84-6)			X												
P. β-BHC 319-85-7)			X												
P. γ-BHC 58-89-9)			X												
P. δ-BHC 319-86-8)			X												
P. Chlordane 57-74-9)			X												
P. 4,4'-DDT 50-29-3)			X												
P. 4,4'-DDE 72-55-9)			X												
P. 4,4'-DDD 72-54-8)			X												
DP. Dieldrin 60-57-1)			X												
1P. α-Endosulfan 15-29-7)			X												
2P. β-Endosulfan 15-29-7)			X												
3P. Endosulfan ulfate 031-07-8)			X												
4P. Endrin 72-20-8)			X												
5P. Endrin ldehyde 421-93-4)			X												
6P. Heptachlor 76-44-8)			X												

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<10	<0.02					1	UG/L	LBS			
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<10						1	UG/L	LBS			
24B. Diethyl Phthalate (84-66-2)	X			<10						1	UG/L	LBS			
25B. Dimethyl Phthalate (131-11-3)	X			<10						1	UG/L	LBS			
26B. Di-N-Butyl Phthalate (84-74-2)	X			<10						1	UG/L	LBS			
27B. 2,4-Dinitrotoluene (121-14-2)	X			<10						1	UG/L	LBS			
28B. 2,6-Dinitrotoluene (606-20-2)	X			<10						1	UG/L	LBS			
29B. Di-N-Octyl Phthalate (117-84-0)	X			<10						1	UG/L	LBS			
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)				<10						1	UG/L	LBS			
31B. Fluoranthene (206-44-0)	X			<10						1	UG/L	LBS			
32B. Fluorene (86-73-7)	X			<10						1	UG/L	LBS			
33B. Hexachlorobenzene (118-74-1)	X			<10						1	UG/L	LBS			
34B. Hexachlorobutadiene (87-68-3)	X			<10						1	UG/L	LBS			
35B. Hexachlorocyclopentadiene (77-47-4)	X			<10						1	UG/L	LBS			
36B. Hexachloroethane (67-72-1)	X			<10						1	UG/L	LBS			
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X			<10						1	UG/L	LBS			
38B. Isophorone (78-59-1)	X			<10						1	UG/L	LBS			
39B. Naphthalene (91-20-3)	X			<10						1	UG/L	LBS			
40B. Nitrobenzene (98-95-3)	X			<10						1	UG/L	LBS			
41B. N-Nitrosodimethylamine (62-75-9)	X			<10						1	UG/L	LBS			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<10						1	UG/L	LBS			

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<10	<0.02					1	UG/L	LBS			
2B. Acenaphtylene (208-96-8)	X			<10	<0.02					1	UG/L	LBS			
3B. Anthracene (120-12-7)	X			<10	<0.02					1	UG/L	LBS			
4B. Benzidine (92-87-5)	X			<20	<0.04					1	UG/L	LBS			
5B. Benzo (a) Anthracene (56-55-3)	X			<10	<0.02					1	UG/L	LBS			
6B. Benzo (a) Pyrene (50-32-8)	X			<10						1	UG/L	LBS			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10						1	UG/L	LBS			
8B. Benzo (ghi) Perylene (191-24-2)	X			<10						1	UG/L	LBS			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<10						1	UG/L	LBS			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<10						1	UG/L	LBS			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<10						1	UG/L	LBS			
12B. Bis (2-Chloroiso-propyl) Ether (102-60-1)	X			<10						1	UG/L	LBS			
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<10						1	UG/L	LBS			
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<10						1	UG/L	LBS			
15B. Butyl Benzyl Phthalate (85-68-7)	X			<10						1	UG/L	LBS			
16B. 2-Chloro-naphthalene (91-58-7)	X			<10						1	UG/L	LBS			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<10						1	UG/L	LBS			
18B. Chrysene (218-01-9)	X			<10						1	UG/L	LBS			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<10						1	UG/L	LBS			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<10						1	UG/L	LBS			
21B. 1,3-Dichloro-benzene (541-73-1)	X			<10						1	UG/L	LBS			

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EPA I.D. NUMBER (copy from Item 1 of Form 1): NHD000842666 | OUTFALL NUMBER: 011

Form Approved. O. 2040 Approval expires 7-31-88

OLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST FOUND/REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
MS FRACTION — VOLATILE COMPOUNDS (continued)															
. Methylene oride (75-09-2)	X			<5	<0.01					1	UG/L	LBS			
. 1,1,2,2-Tetra-oroethane 34-5)	X			<5						1	UG/L	LBS			
. Tetrachloro-ylene (127-18-4)	X			<5						1	UG/L	LBS			
. Toluene 8-88-3)	X			<5						1	UG/L	LBS			
. 1,2-Trans-hloroethylene 6-60-5)	X			<5						1	UG/L	LBS			
. 1,1,1-Tri-oroethane -55-6)	X			<5						1	UG/L	LBS			
. 1,1,2-Tri-oroethane -00-5)	X			<5						1	UG/L	LBS			
. Trichloro-ylene (79-01-6)	X			<5						1	UG/L	LBS			
. Trichloro-oromethane 5-69-4)	X			<5						1	UG/L	LBS			
. Vinyl loride (75-01-4)	X			<5						1	UG/L	LBS			
C/MS FRACTION — ACID COMPOUNDS															
. 2-Chlorophenol 5-57-8)	X			<10	<0.02					1	UG/L	LBS			
. 2,4-Dichloro-enol (120-83-2)	X			<10						1	UG/L	LBS			
. 2,4-Dimethyl-enol (105-67-9)	X			<10						1	UG/L	LBS			
. 4,6-Dinitro-O-esol (534-52-1)	X			<10						1	UG/L	LBS			
. 2,4-Dinitro-enol (51-28-5)	X			<10						1	UG/L	LBS			
. 2-Nitrophenol 8-75-5)	X			<10						1	UG/L	LBS			
. 4-Nitrophenol 00-02-7)	X			<10						1	UG/L	LBS			
. P-Chloro-M-esol (59-50-7)	X			<10						1	UG/L	LBS			
. Pentachloro-enol (87-86-5)	X			<10						1	UG/L	LBS			
A. Phenol 08-95-2)	X			<10						1	UG/L	LBS			
A. 2,4,6-Tri-hlorophenol 8-06-2)	X			<10						1	UG/L	LBS			

CONTINUE ON REVERSE

ONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS															
V. Acrolein (107-02-8)	X			<10	<0.02					1	UG/L	LBS			
V. Acrylonitrile (107-13-1)	X			<10	<0.02					1	UG/L	LBS			
V. Benzene (71-43-2)	X			<5	<0.01					1	UG/L	LBS			
V. Bis (Chloromethyl) Ether (542-88-1)	TESTING NOT REQUIRED														
V. Bromoform (75-25-2)	X			<5	<0.01					1	UG/L	LBS			
V. Carbon Tetrachloride (56-23-5)	X			<5						1	UG/L	LBS			
V. Chlorobenzene (108-90-7)	X			<5						1	UG/L	LBS			
V. Chlorodibromomethane (124-48-1)	X			<5						1	UG/L	LBS			
V. Chloroethane (75-00-3)	X			<5						1	UG/L	LBS			
0V. 2-Chloroethylvinyl Ether (110-75-8)	X			<5						1	UG/L	LBS			
1V. Chloroform (67-66-3)	X			<5						1	UG/L	LBS			
2V. Dichlorobromomethane (75-27-4)	X			<5						1	UG/L	LBS			
3V. Dichlorodifluoromethane (75-71-8)	TESTING NOT REQUIRED														
4V. 1,1-Dichloroethane (75-34-3)	X			<5	<0.01					1	UG/L	LBS			
5V. 1,2-Dichloroethane (107-06-2)	X			<5						1	UG/L	LBS			
6V. 1,1-Dichloroethylene (75-35-4)	X			<5						1	UG/L	LBS			
7V. 1,2-Dichloropropane (78-87-5)	X			<5						1	UG/L	LBS			
8V. 1,3-Dichloropropylene (542-75-6)	X			<5						1	UG/L	LBS			
9V. Ethylbenzene (100-41-4)	X			<5						1	UG/L	LBS			
0V. Methyl Bromide (74-83-9)	X			<5						1	UG/L	LBS			
1V. Methyl Chloride (74-87-3)	X			<5						1	UG/L	LBS			

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
NHD000842666	011

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

ONTINUED FROM PAGE 3 OF FORM 2-C

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

POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. TEST ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
ETALS, CYANIDE, AND TOTAL PHENOLS															
M. Antimony, Total (7440-36-0)	X			<0.02	<0.04					1	MG/L	LBS			
M. Arsenic, Total (440-38-2)				<0.004	<0.008										
M. Beryllium, Total, 7440-41-7)				<0.005	<0.010										
M. Cadmium, Total (7440-43-9)				<0.005	<0.010										
M. Chromium, Total (7440-47-3)				<0.04	<0.08										
M. Copper, Total (440-50-8)				<0.005	<0.010										
M. Lead, Total (439-92-1)				<0.01	<0.02										
M. Mercury, Total (439-97-6)				0.0002	0.0004										
M. Nickel, Total (440-02-0)				<0.01	<0.02										
M. Selenium, Total (7782-49-2)				<0.005	<0.010										
M. Silver, Total (440-22-4)				<0.004	<0.008										
M. Thallium, Total (7440-28-0)				<0.04	<0.08										
M. Zinc, Total (440-66-6)				0.042	0.082										
M. Cyanide, Total (57-12-5)				<0.01	<0.02										
M. Phenols, Total				<0.05	<0.10										
DXIN															
2,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		<0.5	<1.0					1	MG/L	LBS			
h. Oil and Grease	X		9.1	18	<5	<1.0	<5	<0.5	37	MG/L	LBS			
i. Phosphorus (as P), Total (7723-14-0)	X		0.01	0.02					1	MG/L	LBS			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO_4) (14808-79-8)	X		46	90					1	MG/L	LBS			
l. Sulfide (as S)		X	<1	<2										
m. Sulfite (as SO_3) (14265-45-3)		X	<0.2	<0.4										
n. Surfactants	X		<0.02	<0.04										
o. Aluminum, Total (7429-90-5)	X		<0.3	<0.6										
p. Barium, Total (7440-39-3)	X		<0.4	<0.8										
q. Boron, Total (7440-42-8)	X		0.06	0.12										
r. Cobalt, Total (7440-48-4)	X		<0.02	<0.04										
s. Iron, Total (7439-89-6)	X		0.06	0.12										
t. Magnesium, Total (7439-95-4)	X		0.49	0.96										
u. Molybdenum, Total (7439-98-7)	X		<0.08	<0.16										
v. Manganese, Total (7439-96-5)	X		<0.006	<0.012										
w. Tin, Total (7440-31-5)	X		<0.04	<0.08										
x. Titanium, Total (7440-32-6)	X		<0.2	<0.4										

CONTINUE ON PAGE V-3

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

EPA I.D. NUMBER *(copy from Item I of Form 1)*: NHD000842666

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

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

OUTFALL NO. 011

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

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	5	10					1	MG/L	LBS			
b. Chemical Oxygen Demand (COD)	<10	<20					1	MG/L	LBS			
c. Total Organic Carbon (TOC)	<5	<10					1	MG/L	LBS			
d. Total Suspended Solids (TSS)	<10	<20					1	MG/L	LBS			
e. Ammonia (as N)	<0.1	<0.2					1	MG/L	LBS			
f. Flow	VALUE 235000		VALUE 23500		VALUE 11000		1095	GPD	—	VALUE		
g. Temperature (winter)	VALUE 12		VALUE		VALUE		1	°C		VALUE		
h. Temperature (summer)	VALUE 26		VALUE		VALUE		EST	°C		VALUE		
i. pH	MINIMUM 6.6	MAXIMUM 7.7	MINIMUM 6.6	MAXIMUM 7.7			37	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	<4					1	MG/L	LBS			
b. Chlorine, Total Residual		X	<0.05	<0.10					1	MG/L	LBS			
c. Color	X													
d. Fecal Coliform		X	<1	<2					1	CFU/100 ML	—			
e. Fluoride (16984-48-8)	X		0.3	0.6					1	MG/L	LBS			
f. Nitrate-Nitrite (as N)	X		0.33	0.65					1	MG/L	LBS			

CONTINUE ON REVERSE

. I.D. NUMBER (from page 1 of 1) | NHD000842666 | OUTFALL NUMBER | 011

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – PESTICIDES *(continued)*															
7P. Heptachlor epoxide (1024-57-3)			X												
8P. PCB-1242 (53469-21-9)			X												
9P. PCB-1254 (11097-69-1)			X												
0P. PCB-1221 (11104-28-2)			X												
1P. PCB-1232 (11141-16-5)			X												
2P. PCB-1248 (12672-29-6)			X												
3P. PCB-1260 (11096-82-5)			X												
4P. PCB-1016 (12674-11-2)			X												
5P. Toxaphene (8001-35-2)			X												

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CONTINUED FROM PAGE V-8

... A I.D. NUMBER (copy from item 1 of Form 1) NHD000842666 | OUTFALL NUMBER 020,021/022

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES (continued)															
7P. Heptachlor epoxide (1024-57-3)			X												
8P. PCB-1242 (53469-21-9)			X												
9P. PCB-1254 (11097-69-1)			X												
0P. PCB-1221 (11104-28-2)			X												
1P. PCB-1232 (11141-16-5)			X												
2P. PCB-1248 (12672-29-6)			X												
3P. PCB-1260 (11096-82-5)			X												
4P. PCB-1016 (12674-11-2)			X												
5P. Toxaphene (8001-35-2)			X												

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Schiller Station Drainage Study

The Schiller Station Drainage Study is a floor-by-floor description of types and volumes of substances in bulk storage that could be released and the predicted paths of discharge. Unless otherwise noted, all spills/releases from the storage vessels and piping systems will enter floor drains which feed into the station oil separator and to the wastewater treatment plant(WTP). This study is submitted as an approved replacement for the NHWSPCD requirement to provide detailed floor plans.

Elevation 11

(2) 30000 Gallon No. 6 Fuel Oil Day Tanks
(3) 3500 Gallon Closed Cooling Water (Sodium Molybdate and Tolytriazole Solution) Sumps
4000 Gallon Used Oil for Recycling Tank
3000 Gallon Unit 3 Closed Cooling Water Tank
2700 Gallon Lube Oil Purification Tank
2400 Gallon 93% Sulfuric Acid Tank (Bermed, No Drain)
2000 Gallon 50% Sodium Hydroxide Tank (Bermed with Drain to WTP)
1000 Gallon 20±% Sodium Hydroxide Tank (Bermed with Drain to WTP)
175 Gallon Dilute Disodium Phosphate Day Tank
150 Gallon 50% Sodium Hydroxide Tank (Bermed with Drain to WTP)
100 Gallon Dilute Sodium Hydroxide Day Tank
(15±) 15 Gallon 93% Sulfuric Acid Carboys (Bermed, No Drain)
(10±) 55 Gallon Lube Oil Drums (Bermed, No Drain)
(3) 55 Gallon Defoaming Agent Drums
(3) 55 Gallon Dilute Hydrazine/Morpholine Day Tanks
(3) 55 Gallon Dilute Tri/Disodium Phosphate Day Tanks
(2±) 55 Gallon Self-Contained Solvent Sinks
(2) 55 Gallon Hydrazine Drums (Bermed, No Drain)
55 Gallon Morpholine Drum
55 Gallon Biocide Drum
55 Gallon Tolytriazole Drum
55 Gallon Hydrazine Transfer Drum (Bermed, No Drain)
55 Gallon Morpholine Transfer Drum (Bermed, No Drain)
50 Gallon 93% Sulfuric Acid Tank (Bermed with Drain to WTP)
30 Gallon 93% Sulfuric Acid Drum (Bermed, No Drain)

Piping For All Chemical Systems
Piping For All Lubricating, Hydraulic and Used Oil Systems
Piping For All Fuel and Fuel Additive Systems
Piping For All Closed Cooling Water Systems

Elevation 24

(3) 2700 Gallon Turbine/Generator Lube Oil Sumps
(3) 500 Gallon Fuel Oil Heaters
(15±) 55 Gallon Oil/ Grease Drums (Storage Room, No Drain)
(116) 13.3 Gallon 30% Sulfuric Acid Batteries (Storage Room, No Drain)

Piping For All Chemical Systems
Piping For All Lubricating, Hydraulic and Used Oil Systems
Piping For All Fuel and Fuel Additive Systems
Piping For All Closed Cooling Water Systems

Elevations 56, 65, 83, 95

Piping For Chemical Systems
Piping For Closed Cooling Water Systems

Elevation 0: Screenhouses

3000 Gallon 15% Sodium Hypochlorite Solution Tank (Bermed, No Drain)

(2) 55 Gallon Ferrous (5.5±%) Sulfate Solution Drum. Releases will drain into screenwells and mix with condenser once through cooling water

Tubing For Sodium Hypochlorite Injection

Elevation 11: Wastewater Treatment Plant #2

See Drawings R-6521-26 and 56045-20-E-2

AGP\lm\595drain.

NPDES FILE CROSS-REFERENCE SHEET

NUMBER	FACILITY	VOL #	VOL NAME	COMMENTS
NH0001473	P.S. OF NH-SCHILLER STATION	1 A	PERMIT FILE	CURRENT DMRS IN VOL 8
NH0001473	P.S. OF NH-SCHILLER STATION	2	APPL FILE	1990 APPLICATION
NH0001473	P.S. OF NH-SCHILLER STATION	3 A	PERMIT FILE	NON-CURRENT PERMITS 1984,1987
NH0001473	P.S. OF NH-SCHILLER STATION	4 A	PERMIT FILE	NON-CURRENT PERMIT 1979
NH0001473	P.S. OF NH-SCHILLER STATION	5 D	DMR FILE	1978-89
NH0001473	P.S. OF NH-SCHILLER STATION	6 D	DMR FILE	1988-91
NH0001473	P.S. OF NH-SCHILLER STATION	7 D	DMR FILE	1992-93
NH0001473	P.S. OF NH-SCHILLER STATION	8 D	DMR FILE	1994-96

CHECKLIST FOR WASTEWATER TREATMENT FACILITY
UNIT PROCESS FLOW DIAGRAM AND DESIGN DATA*
FOR ALL FACILITIES (INCLUDING POTWs)

*Treatment Facilities Associated with NPDES Permit Only
For Example Flow Diagram see Attachment C (non-POTWs)
and D (POTWs)

I. TYPE OF TREATMENT
Specify Type of Treatment on Flow Diagram
(i.e. Activated Sludge, Metals Precipitation, Cyanide Destruct etc.
and Whether Continuous or Batch)

II. PROCESS CONTROL
Specify type of Process Control Used on Flow Diagram
(Constant MLSS for Activated Sludge, Iron Removal for Metals, etc.)

III. SLUDGE DISPOSAL
Specify Sludge Disposal Location on Flow Diagram (Whether Manifested
as Hazardous Waste, On-site/Off-site Disposal, Local Landfill,
Regional Landfill, Recycled, etc.)

IV. APPLICABLE UNIT PROCESSES

A. PRELIMINARY (TREATMENT/PUMPING ETC.)

Y Applicable (Y/N)	Number		
Y	2	1.	Pumping Stations (COALPILE & FIRESIDE BASINS)
Y	4	2.	Sump Pumps (AIR PREHEATER AND WASH WATER SUMPS)
Y	1	3.	Grease/Scum Removal (OIL SEPARATOR)
Y	1	4.	Grit Removal (OIL SEPARATOR)
N		5.	Screening
N		6.	Equalization Basin
N		7.	Influent Flow Measurement
Y	2	8.	Preaeration (FIRESIDE BASIN & OXIDATION TANK)
N		9.	pH Adjustment
		10.	Other _____

B. PHYSICAL/CHEMICAL TREATMENT

Applicable (Y/N)	Number		
N		1.	Primary Clarifier
N		2.	Secondary Clarifier
Y	1	3.	Lamella Clarifier
N		4.	Filtration
N		5.	Dissolved Air Floatation
N		6.	Coagulation
Y	1	7.	Chemical Addition (FLOCCULATION TANK)
Y	1	8.	Intermediate pH Adjustment (pH ADJUSTMENT TANK)
N		9.	Ion Exchange
N		10.	Air Stripping
N		11.	Microscreens
N		12.	Ultrafiltration
N		13.	Reverse Osmosis
N		14.	Heat Treatment
		15.	Other _____

C. BIOLOGICAL TREATMENT

N		1.	Aeration Tank (label whether or not sludge is wasted/recycled)
N		2.	Aerated Lagoon (label whether or not sludge is wasted/recycled)
N		3.	Anaerobic/Facultative Lagoon
N		4.	Rotating Biological Contactor
N		5.	Trickling Filter
N		6.	Nitrification
		7.	Other _____

D. SLUDGE HANDLING/VOLUME REDUCTION

Applicable (Y/N)	Number		
Y	1	1.	Holding Tank (Aerated?) (15000 GALS, NO AERATION)
Y	1	2.	Gravity Thickener
Y	1	3.	Belt Filter Press (500 # DRY SOLID / 8 HRS)
N		4.	Vacuum Filter
N		5.	Centrifuge
N		6.	Coil Filter
N		7.	Plate & Frame Press
N		8.	Incineration
		9.	Other _____

E. SLUDGE STABILIZATION

N		1.	Aerobic Digestion
N		2.	Anaerobic Digestion
N		3.	Lime Stabilization
N		4.	Static Pile Composting
N		5.	In Vessel Composting
		6.	Other _____

F. FINAL TREATMENT/DISINFECTION

Y	1	1.	Final pH Adjustment (NEUTRALIZATION TANK)
N		2.	Chlorination
N		3.	Dechorination
N		4.	Ultraviolet
		5.	Other _____

G. EFFLUENT FLOW MEASURMENT

Applicable (Y/N)	Number		
N	___	1.	Parshall Flume
N	___	2.	V-Notch Weir
Y	1	3.	Rectangular Weir
N	___	4.	Venturi
N	___	5.	Magnetic
___	___	6.	Other _____

I. TYPE OF TREATMENT
- pH ADJUST, METALS PRECIPITATION
- CONTINUOUS PROCESS
- SEE DWG. No. 56045-20-E-2.

II. PROCESS CONTROL
- CONTINUOUS pH MONITORING
- SOLIDS REMOVAL
- IRON / COPPER REMOVAL

III. SLUDGE DISPOSAL
- OFF-SITE, LOCAL INDUSTRIAL WASTE LANDFILL
- ON-SITE REBURN
- NON-HAZARDOUS WASTE

Prepared By: ALLAN PALMER
Title: SENIOR ENGINEER
Date: 5/25/95
Checked By: _____
Title: _____
Date: _____

V. DESIGN DATA

#Report appropriate data for entire treatment facility (WWTF) and for individual unit processes if known. In lieu of design data for individual units, unit dimensions (volumes etc.) may be reported (Item H.) Attach additional sheets to unit process flow diagram as necessary.

A. Design Data For (check one):

1. WWTF (✓)
2. Unit process ( ) Name: _____ No. Units: _____

B. Design Flows, gpd (for WWTF, flow measurement/clarification units)

1. Minimum NA 2. Maximum 144,000

3. Average NA

C. Design BOD, mg/l (for WWTF, biological treatment units)

1. Influent NA

2. Effluent NA

D. Design TSS, mg/l (for WWTF, clarification units)

1. Influent 2500

2. Effluent 30/100

E. Detention Time, hours (for biological/disinfection/clarification units, mix tanks)

1. For average flow NA 2. For maximum flow NA

F. Overflow rates, gpd/ft^2 (for clarification units)

1. For average flow NA 2. For maximum flow NA

G. Surface loading rate, gal/ft^2-min (for filration units)

1. For average flow NA 2. For maximum flow NA

H. Unit Dimensions: FIRESIDE BASIN

1. Volume (ft^3) 33275 2. Length (ft) 55 Width (ft) 55

Depth (ft) 11

3. Diameter (ft) _____ 4. Other _____

Prepared By: ALLAN PALMER
Title: SENIOR ENGINEER
Date: 5/25/95
Checked By: _____
Title: _____
Date: _____

3852D