



Boston Edison

Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, Massachusetts 02360

E. T. Boulette, PhD
Senior Vice President - Nuclear

October 25, 1995
5.95.088

Mr. Kevin McSweeney, Chief
Compliance Branch
U. S. Environmental Protection Agency
J.F.K. Federal Building
Boston, MA 02203

Attn: Ms. Olga Vergara

Re: NPDES Permit Renewal Application
Pilgrim Station

Dear Mr. McSweeney:

In accordance with the Consolidated Permits Regulations under Title 40, Code of Federal Regulations, Parts 122, 123, 124 and 125 (Revised July 1, 1994), Boston Edison is applying for renewal of our National Pollutant Discharge Elimination System (NPDES) Permit under the Clean Water Act using Forms 1 and 2C of the consolidated permits application forms at Pilgrim Nuclear Power Station (NPDES #MA0003557). Comments are noted below:

- 1) Similar to Boston Edison Company's previous permit application in 1990 for our current Pilgrim Station NPDES Permit, the following requests and information are provided regarding this renewal application:
 - A. Outfalls 001 (Condenser Cooling Water), 002 (Thermal Backwash), and 010 (Plant Service Cooling Water) are once-through discharge points whose sole source of water is the Cape Cod Bay. Therefore, we believe that they should be classified as identical outfalls. Outfalls 003 (Intake Screen Wash) and 008 (Sea Foam Suppression) utilize Cape Cod Bay water and/or Plymouth town water stored as Pilgrim Fire Water. For the pollutants listed in Parts B and C of Item V, we believe that, except for ambient levels, they are generally not present for these discharge points. Therefore, we would like the sampling requirements for these pollutants, at these outfalls, generally suspended. It is also requested that sampling/analysis be waived for BOD, COD, TOC, TSS and ammonia at 001, 002, 003, 008 and 010 outfalls because they are non-process industrial discharge whose water source is classified as SA quality or potable water and are, therefore, not expected to influence these parameters.

300127

9510310377 951025
PDR ADOCK 05000293
P PDR

Cool
1/1

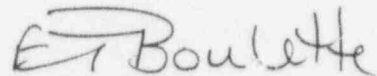
- B. For outfall numbers 001, 002, 003, 008 and 010, limited analyses were performed. For outfall number 001, the discharge is only treated with chlorine which is required to be monitored and not exceed 0.1 ppm TRC. Similarly, nothing is chemically added to 002 or 008, only sodium thiosulfate is added to 003 as a dechlorination agent, and only chlorine is added to 010 with chlorination monitoring required to maintain permit limits of 0.5 ppm daily average and 1.0 ppm daily maximum TRC, prior to mixing with condenser cooling waters. Analyses for cobalt, iron and titanium were performed for outfall numbers 001, 002 and 010 because there was a possibility of these constituents being present. An analysis for sulfate was performed for outfall number 003 because of the sodium thiosulfate addition. Protocol references and sampling strategies are noted in Attachment A.
 - C. For all outfalls in Item V Parts B and C, we have marked an "X" in the "believed present" or "believed absent" column for pollutant.
 - D. All temperature and pH data were taken from actual operating data rather than from grab samples.
- 2) The following changes have been adopted in the permit since the last application:
- A. A modification of the Pilgrim Station NPDES permit was approved and issued effective August 30, 1994, containing various discharge changes.
 - B. A letter from EPA to Boston Edison dated June 30, 1995, approved the use of Tolytriazole, a corrosion inhibitor, in various Pilgrim Station systems.
 - C. Via telecon between the EPA and Boston Edison on December 16, 1994, (BECo Telecon #4.94.038), approval was granted to use Pilgrim Station storm drain #007 for the intermittent discharge of untreated seawater from the condenser scavenger tank.
- 3) Boston Edison requests that the five storm drains, Outfalls 004, 005, 006, 007, and a miscellaneous storm drain, be covered under the NPDES General Permit for Storm Water Discharges Associated with Industrial Activity (Permit No. MAR000000) upon expiration of the current NPDES permit. The Massachusetts Department of Environmental Protection has formally determined that the storm water discharges at the facility can be covered under the General Permit per the September 11, 1995, letter from Paul Hogan (Attachment B). Two days prior to expiration of the current NPDES permit, a Notice of Intent (NOI) will be submitted to EPA per Part II of the Preface of the General Permit.

Mr. Kevin McSweeney
U.S. Environmental Protection Agency
October 25, 1995
Page Three

- A. The miscellaneous storm drain located at the boat launch between Outfalls 006 and 007 was noted during a recent site visit. It drains a small portion of the facility which is similar to the drainage areas for Outfalls 004, 005, 006 and 007. Stormwater runoff from the miscellaneous outfall is expected, therefore, to be similar to runoff from the other four outfalls.
- 4) The impacts associated with the Pilgrim Station 316(a) and 316(b) demonstration document (July 1975) and supplement (September 1977), submitted in conformance with Federal Water Pollution Control Act (The Clean Water Act), have not changed significantly.
- 5) Pilgrim Station discharges in the coastal zone comply with the policies of the Massachusetts approved coastal management program and will be conducted in a manner consistent with such policies.

I trust that these additional comments will meet your requirements and that our application is complete.

If you have any questions, please contact Mr. Robert D. Anderson of my staff at (508) 830-7935.



E. T. Boulette, PhD
Senior Vice President - Nuclear

cc: Mr. Paul Hogan
Massachusetts Department of Environmental Protection
Regulatory Branch - 7th Floor
One Winter Street
Boston, MA 02108

Mr. Rick Zeroka
Massachusetts Coastal Zone Management
100 Cambridge Street, Floor 20
Boston, MA 02202

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

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

Senior Resident Inspector, Pilgrim Station



Consulting • Engineering • Remediation

35 Nagog Park
Acton, MA 01720
(508) 635-9500
FAX (508) 635-9180

September 19, 1995

ENSR Ref. No: 0970-013
ENSR Doc. No: 550-JWJ-700

Mr. Robert D. Anderson
Principal Marine Biologist
Regulatory Affairs and Emergency Preparedness
Boston Edison Company
Pilgrim Nuclear Power Station
800 Rocky Hill Road
Plymouth, MA 02360-5599

Dear Mr. Anderson:

ENSR is pleased to submit this letter in support of the NPDES permit renewal package for the Pilgrim Nuclear Power Station (NPDES # MA0003557). ENSR has assisted Boston Edison in this effort by coordinating the collection and analysis of discharge samples at selected locations, preparing analytical reports and completing the EPA NPDES permit renewal application materials (i.e. Forms 1 and 2C).

ENSR's subcontractor, Thermo Analytical (TMA) Services performed all analytical services. TMA is fully certified to perform all the required analyses using analytical methods and quality assurance/quality control protocols (or equivalent methods) consistent with state and federal requirements. In addition, ENSR performed its own quality assurance review on the analytical results. Each analysis was performed within the protocols established in the following references:

- Methods for Chemical Analysis of Water and Wastes (EPA-600/4-79-020); USEPA, Cincinnati, OH.
- Standard Methods for the Examination of Water and Wastewater; American Public Health Association, Washington, D.C.
- Guidelines Establishing Test Procedures for the Analysis of Pollutants under the Clean Water Act (40 CFR Part 136).
- Test Methods for Evaluating Solid Wastes, SW-846, USEPA, Office of Solid Waste and Emergency Response, Washington; Third Edition.

The exact method references, sampling, preparation, analytical dates, quality assurance/quality control and reporting limits are contained within the ENSR analytical



report entitled "Sampling and Analysis of Wastewater, NPDES Monitoring for the Pilgrim Nuclear Power Station".

Please contact us if there are any questions regarding the permit renewal application and the analyses performed to complete it.

Sincerely,

A handwritten signature in cursive script, appearing to read 'James W. Jolley'.

James W. Jolley
Project Manager



Commonwealth of Massachusetts
 Executive Office of Environmental Affairs
**Department of
 Environmental Protection**
 Office of Watershed Management

William F. Weld
 Governor

Trudy Coxe
 Secretary, ECEA

David B. Struhs
 Commissioner

September 11, 1995

James Jolley
 ENSR Consulting and Engineering
 35 Nagog Park
 Acton, MA 01720

Re: BECo Pilgrim Nuclear Power Station
 Storm Water Discharges and Permits

Dear Mr. Jolley:

The Massachusetts Department of Environmental Protection has reviewed the storm water data which you submitted for the referenced facility. The Department has determined that the storm water discharges at the facility can be covered under the General Storm Water Permit (USEPA: 25 SEP 92). The Department feels that implementation of a storm water pollution prevention plan as required by the General Permit will enable the facility to avoid the storm water pollutant loading problems which were evident prior to 1994. The company should be reminded that the Department and USEPA can require an individual permit (with more restrictive conditions) if there is a demonstrated water quality standards violations as a result of storm water discharges.

If you have any questions concerning this determination, please contact me at your earliest convenience.

Respectfully,

Paul Hogan

Paul Hogan
 Surface Water Discharge Permit Program

cc: J. Mahala, MADEP-SERO
 S. Halterman, MADEP-OWM
 J. Brolin, USEPA-WMB

FORM 1	EPA	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>	I. EPA I.D. NUMBER
GENERAL			F M A 0 0 0 3 5 5 7
ABSTRACTS	PLEASE PLACE LABEL IN THIS SPACE		GENERAL INSTRUCTIONS
I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION			If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

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

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

III. NAME OF FACILITY

1	SKIP	PILGRIM NUCLEAR POWER STATION
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IV. FACILITY CONTACT

2	A. NAME & TITLE (last, first, & title)	B. PHONE (area code & no.)
	TED SULLIVAN PLANT MANAGER	5 0 8 8 3 0 7 9 0 0

V. FACILITY MAILING ADDRESS

3	A. STREET OR P.O. BOX		
	600 ROCKY HILL ROAD		
4	B. CITY OR TOWN	C. STATE	D. ZIP CODE
	PLYMOUTH	MA	0 2 3 6 0

VI. FACILITY LOCATION

5	A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER				
	ROCKY HILL ROAD				
6	B. COUNTY NAME		C. CITY OR TOWN	D. STATE	E. ZIP CODE
	PLYMOUTH		PLYMOUTH	MA	0 2 3 6 0

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

A. FIRST				B. SECOND			
C	7	4911	(specify) generation, transmission and distribution of electricity	C	7		(specify)
13	14	15	16	13	14	15	16
C. THIRD				D. FOURTH			
C	7		(specify)	C	7		(specify)
13	14	15	16	13	14	15	16

VIII. OPERATOR INFORMATION

A. NAME
 BOSTON EDISON COMPANY

B. Is the name listed in item VIII-A also the owner?
 YES NO

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

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

P (specify)

D. PHONE (area code & no.)
 617 424 2000

E. STREET OR P.O. BOX
 800 BOYLSTON STREET

F. CITY OR TOWN
 BOSTON

G. STATE
 MA

H. ZIP CODE
 02199

IX. INDIAN LAND
 Is the facility located on Indian lands?
 YES NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
C	9	N	MA0003557	C	9	P	
13	14	15	16	13	14	15	16
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
C	9	U		C	9		(specify)
13	14	15	16	13	14	15	16
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
C	9	R	MAD097454599	C	9		(specify)
13	14	15	16	13	14	15	16

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

XII. NATURE OF BUSINESS (provide a brief description)
 Boston Edison is a privately owned electric utility engaged in the generation, transmission and distribution of electrical energy.

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) Mr. E.T. Boulette Senior Vice President - Nuclear	B. SIGNATURE <i>E.T. Boulette</i>	C. DATE SIGNED 10/24/95
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COMMENTS FOR OFFICIAL USE ONLY

70° 35'

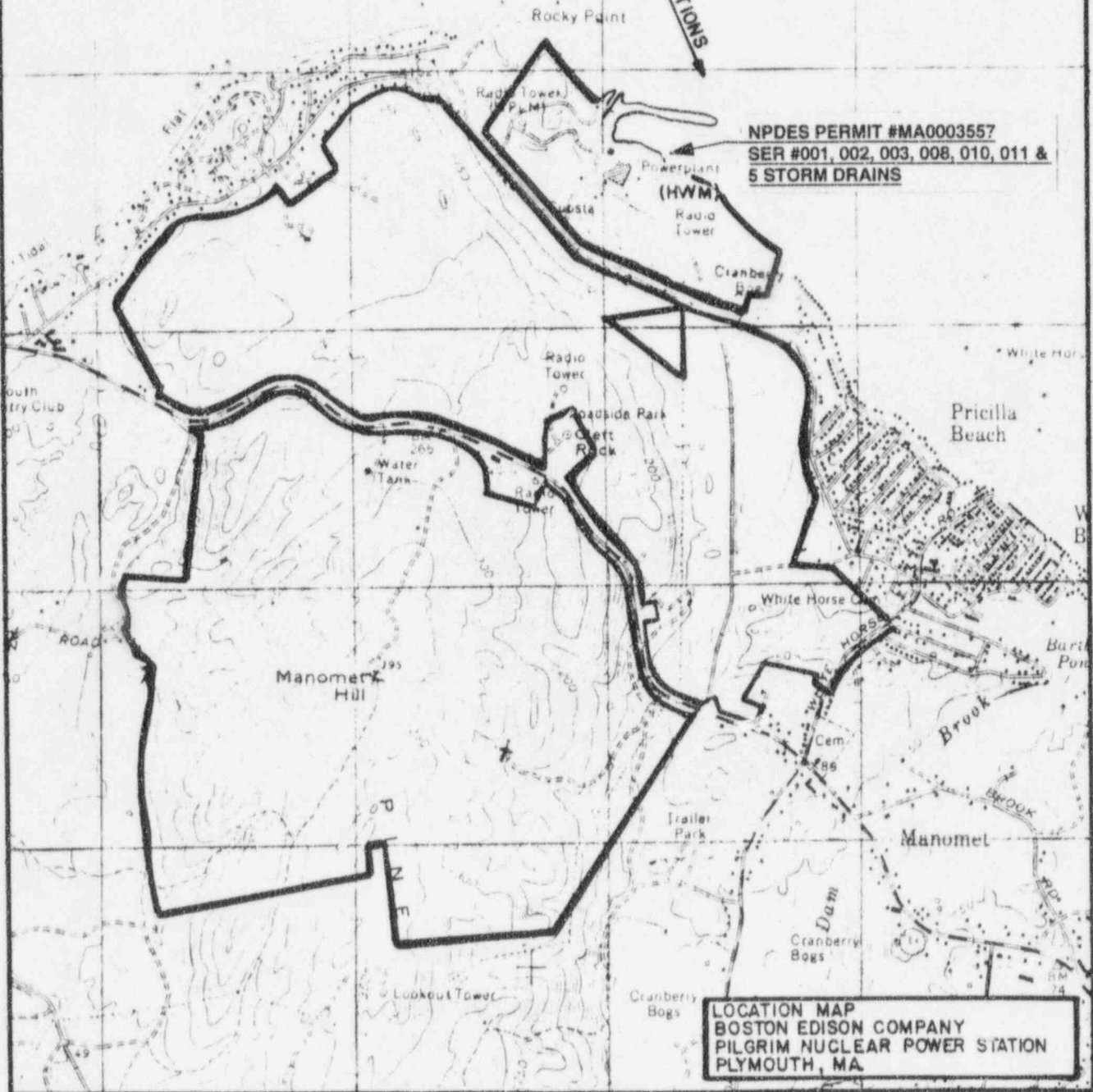
41° 57' 30"

PLYMOUTH BAY

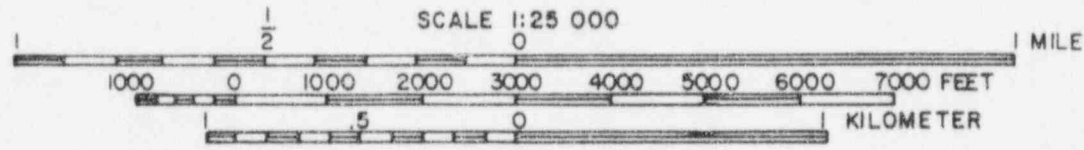
CAPE COD BAY

TIDAL DIRECTIONS

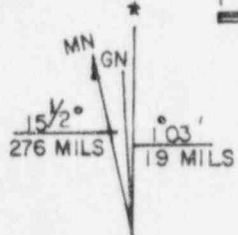
NPDES PERMIT #MA0003557
SER #001, 002, 003, 008, 010, 011 &
5 STORM DRAINS



LOCATION MAP
BOSTON EDISON COMPANY
PILGRIM NUCLEAR POWER STATION
PLYMOUTH, MA



CONTOUR INTERVAL 10 FEET



UTM GRID AND 1974 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

MANOMET, MASS.
N4152.5 - W7030/7.5

1977

FORM
2C
NPDES



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.	
001	41°	56	30	70°	35'	00	Cape Cod Bay
002	41°	56	30	70°	35'	00	Cape Cod Bay
003	41°	56	30	70°	35'	00	Cape Cod Bay
008	41°	56	30	70°	35'	00	Cape Cod Bay
010	41°	56	30	70°	35'	00	Cape Cod Bay
011	41°	56	30	70°	35'	00	Cape Cod Bay

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	Condenser Cooling Water	447 MGD	Chlorine	2 F
			Ocean Discharge through Outfall	4 B
002	Thermal Backwash for Bio-fouling Control	224 MGD	None	X X
			Ocean Discharge through Outfall	4 B
003	Intake Screen Wash (Fish Sluice Water)	4.10 MGD	Dechlorination	2 E
			Ocean Discharge through Outfall	4 B
008	Sea Foam Suppression Discharge	0.73 MGD	None	X X
			Ocean Discharge through Outfall	4 B
010	Plant Service Cooling Water	19.4 MGD	Chlorine	2 F
			Ocean Discharge through Outfall	4 B
011	Makeup Water and Demineralizer	0.015 MGD	Neutralizing	2 K
	Waste Discharge		Ocean Discharge through Outfall	4 B

OFFICIAL USE ONLY (effluent guidelines sub-categories)

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				c. DUR- ATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
002	Thermal Backwash for Bio-fouling Control	1	8	224	255	224 MG	255 MG	4 hrs/day
003	Intake Screen Wash (Fish Sluice Water)	7	12	4.1	4.1	4.1 MG	4.1 MG	6 hrs/day
008	Sea Foam Suppression Discharge	1	8	0.73	0.73	0.73 MG	0.73 MG	2 hrs/day
011	Makeup Water and Demineralizer	1	12	0.015	0.06	0.015	0.06 MG	2 hrs/day

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

a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	(list outfall numbers)

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 COM- PLIANCE DATE	
	B. NO	D. SOURCE OF DISCHARGE		A. RE- QUIRED	D. PRO- JECTED

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

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 analysed 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)
Thermo Analytical	300 Second Avenue Waltham, MA 02254	(617)890-7200	All Analyses except TSS, TRO, Boron (These analyses performed at PNPS Chemistry Laboratory)

IX. CERTIFICATION

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

A. NAME & OFFICIAL TITLE (type or print)
Mr. E.T. Boulette, Senior Vice President - Nuclear

B. PHONE NO. (area code & no.)
(508)830-8814

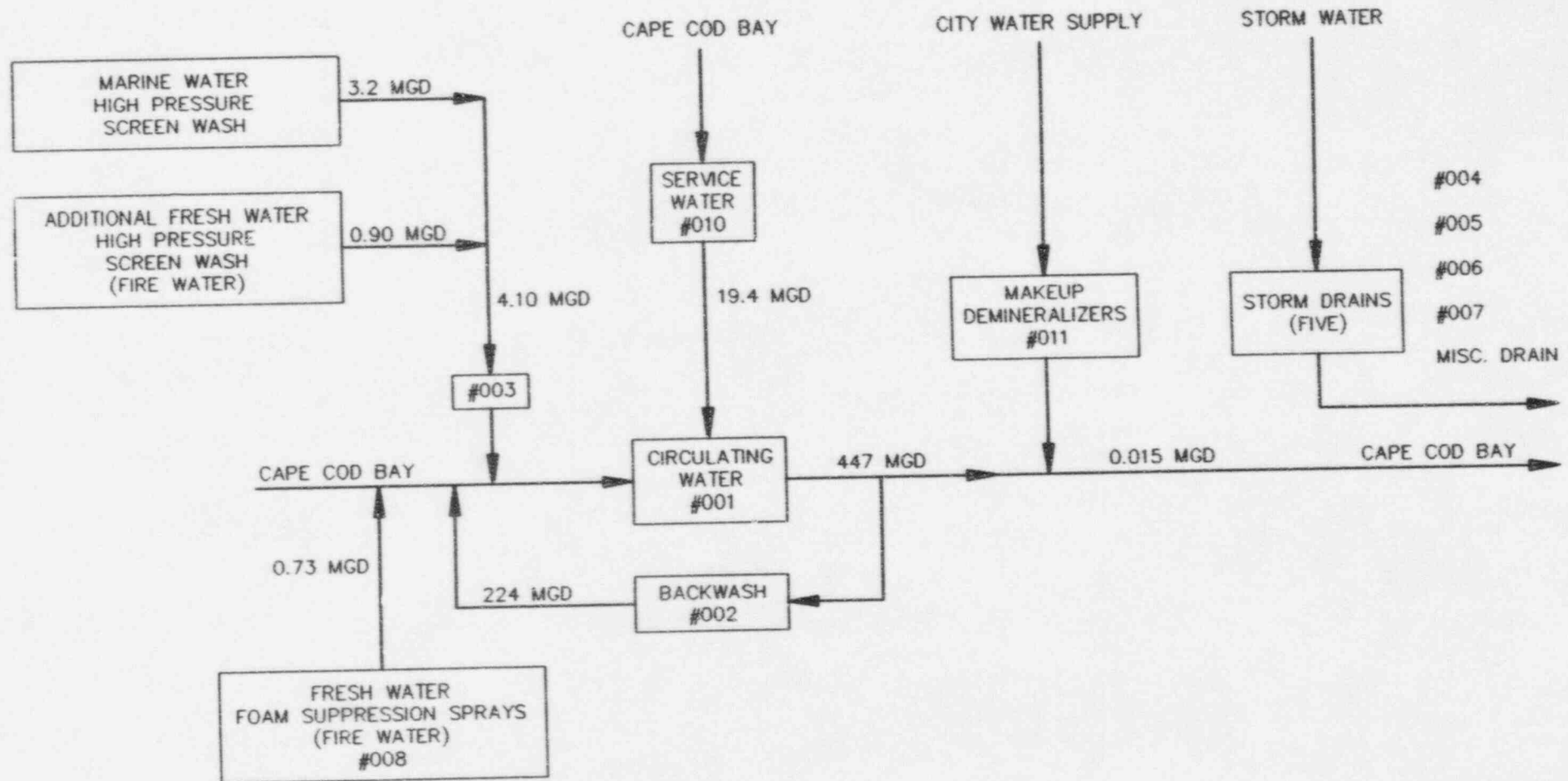
C. SIGNATURE

E.T. Boulette

D. DATE SIGNED

10/24/95

WATER FLOW DIAGRAM PILGRIM NUCLEAR POWER STATION PLYMOUTH, MA



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)

MA 0003557

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

OUTFALL NO
001

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						d. NO. OF ANALYSES	3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)			b. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)												
e. Ammonia (as N)												
f. Flow	VALUE		VALUE		VALUE		*	MGD		VALUE		
g. Temperature (winter)	VALUE	23°	VALUE		VALUE		*	°C		VALUE		
h. Temperature (summer)	VALUE	35	VALUE		VALUE		*	°C		VALUE		
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	X		*	STANDARD UNITS	X			
	7.5	8.5										

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)			b. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.09	174	0.09	174	0.02	38.5	9	MG/L	KG			
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

ITEM V.B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS				5. INTAKE (optional)		6. NO. OF ANAL. USES	
	a. SE. IDENTIFIED SENT	b. SE. IDENTIFIED SENT	D. MAXIMUM DAILY VALUE (if available)		E. LONG TERM AVG. VALUE (if available)		B. CONCENTRATION	C. MASS	A. AVERAGE FIRM VALUE	D. NO. OF ANAL. USES	CONCENTRATION	C. MASS		
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS								
g. Nitrogen, Total Organic (as N)		X												
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14808-79-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14266-46-3)		X												
n. Surfactants														
o. Aluminum, Total (7429-90-6)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)	X		<0.010	0.0						MG/L		KG		
s. Iron, Total (7439-89-6)	X		0.0875	169						MG/L		KG		
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-6)		X												
w. Tin, Total (7440-31-8)		X												
x. Titanium, Total (7440-32-6)	X		<0.010	0.0						MG/L		KG		

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						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. YES/NO/RE-REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)			a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)			X												
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-dioxin (1754-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

I. POLLUTANT NUMBER AND CAS (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	PHASE I SILICONE SAND QUIP	PHASE II SILICONE SAND SERT	D. MAXIMUM DAILY VALUE (if available)	(1) CONCENTRATION	(2) MASS	A. CONCEN- TRATION	B. MASS	(1) CONCEN- TRATION	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)			X						
2V. Acrylonitrile (107-13-1)			X						
3V. Benzene (71-43-2)			X						
4V. Bis (Chloro- methyl) Ether (542-88-1)			X						
5V. Bromoform (75-25-2)			X						
6V. Carbon Tetrachloride (56-23-5)			X						
7V. Chlorobenzene (108-90-7)			X						
8V. Chlorodi- bromomethane (124-48-1)			X						
9V. Chloroethane (75-00-3)			X						
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X						
11V. Chloroform (67-66-3)			X						
12V. Dichloro- bromomethane (75-27-4)			X						
13V. Dichloro- difluoromethane (75-71-8)			X						
14V. 1,1-Dichloro- ethane (75-34-3)			X						
15V. 1,2-Dichloro- ethane (107-06-2)			X						
16V. 1,1-Dichloro ethylene (75-35-4)			X						
17V. 1,2-Dichloro propane (78-87-5)			X						
18V. 1,3-Dichloro- propylene (542-75-6)			X						
19V. Ethylbenzene (100-41-4)			X						
20V. Methyl Bromide (74-83-9)			X						
21V. Methyl Chloride (74-87-3)			X						

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1) MA 0003557
 OUTFALL NUMBER 001

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

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

CONTINUED FROM THE FRONT

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

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1) **MA 0003557** **OUTFALL NUMBER 001**

Form Approved
OMB No. 2040-0066
Approval expires 7-31-88

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

ERA I.D. NUMBER (copy from Item 1 of Form 1) OUTFALL NUMBER
MA 0003557 001

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	USE OF POLLUTANT IN PRODUCTION OF THE PRODUCT	USE OF POLLUTANT IN THE PRODUCTION OF THE PRODUCT	a. MAXIMUM DAILY VALUE (1) MASS CONCENTRATION	b. MAXIMUM 30 DAY VALUE (1) MASS CONCENTRATION	c. LONG TERM AVG. VALUE (1) MASS CONCENTRATION	b. CONCENTRATION	b. MASS	8. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	5. 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 (11087-69-1)		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							

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)

MA 0003557

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OMB No. 2040-0086
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OUTFALL NO

002

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						d. NO. OF ANALYSES	3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)			a. CONCENTRATION-	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)												
e. Ammonia (as N)												
f. Flow	VALUE 255		VALUE		VALUE		*	MGD		VALUE		
g. Temperature (winter)	VALUE 17°		VALUE		VALUE		*	°C		VALUE		
h. Temperature (summer)	VALUE 34		VALUE		VALUE		*	°C		VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 8.5	MINIMUM	MAXIMUM	X		*	STANDARD UNITS	X			

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

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

ITEM V-8 CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS				5. INTAKE (optional)		6. NO. OF ANAL. YSES	
	a. RE-CEIVED SENT	b. RE-CEIVED SENT	b. MAXIMUM DAILY VALUE		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL. YSES	e. CONCENTRATION	f. MASS	a. AVERAGE VALUE		g. MASS		
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS			
g. Nitrogen, Total Organic (as N)		X												
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)		X												
J. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14808-79-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)	X		<0.010	0.0							1	MG/L	KG	
s. Iron, Total (7439-89-6)	X		0.0385	8.12							1	MG/L	KG	
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-8)		X												
x. Titanium, Total (7440-32-6)	X		<0.010	0.0							1	MG/L	KG	

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MA 0003557	002

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CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	TESTING REQUIRED	D. BELIEVED PRESENT	C. BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	B. CONCENTRATION	b. MASS	B. LONG TERM AVERAGE VALUE		h. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)			X												
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		6. NO. OF ANALYSES	
	TEST EQUIP. SER. NO.	DATE	CONCENTRATION	(1) MASS	(2) MASS	CONCENTRATION	(1) MASS	(2) MASS	(1) CONCENTRATION	(2) MASS		
	D. SEC. C. SER. NO.	D. SEC. P. SER. NO.	D. SEC. S. SER. NO.	D. SEC. T. SER. NO.	D. SEC. U. SER. NO.	D. SEC. V. SER. NO.	D. SEC. W. SER. NO.	D. SEC. X. SER. NO.	D. SEC. Y. SER. NO.	D. SEC. Z. SER. NO.	D. SEC. AA. SER. NO.	
GC/MS FRACTION - VOLATILE COMPOUNDS												
1V. Acrolein (107-02-8)												
2V. Acrylonitrile (107-13-1)												
3V. Benzene (71-43-2)												
4V. Bis (Chloromethyl) Ether (542-88-1)												
5V. Bromoform (75-25-2)												
6V. Carbon Tetrachloride (56-23-5)												
7V. Chlorobenzene (108-90-7)												
8V. Chlorodibromomethane (124-48-1)												
9V. Chloroethane (75-00-3)												
10V. 2-Chloroethylvinyl Ether (110-75-8)												
11V. Chloroform (67-66-3)												
12V. Dichlorobromomethane (75-27-4)												
13V. Dichlorodifluoromethane (75-71-8)												
14V. 1,1-Dichloroethane (75-34-3)												
15V. 1,2-Dichloroethane (107-06-2)												
16V. 1,1-Dichloroethylene (75-35-4)												
17V. 1,2-Dichloropropane (78-87-5)												
18V. 1,3-Dichloropropylene (542-75-6)												
19V. Ethylbenzene (100-41-4)												
20V. Methyl Bromide (74-83-9)												
21V. Methyl Chloride (74-87-3)												

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	A. TEST INC. RE-QUIRED	B. DE-RIEVED PRE-SENT	C. RE-RIEVED AS-SENT	A. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		D. NO. OF ANAL- YSES	B. CONCENTRATION	D. MASS	B. LONG TERM AVERAGE VALUE		D. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetra- chloroethane (79-34-5)			X												
24V. Tetrachloro- ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans- Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Tri- chloroethane (71-55-6)			X												
28V. 1,1,2-Tri- chloroethane (79-00-5)			X												
29V. Trichloro- ethylene (79-01-6)			X												
30V. Trichloro- fluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2 Chloropheno (95-57-8)			X												
2A. 2,4-Dichloro- phenol (120-83-2)			X												
3A. 2,4-Dimethyl- phenol (105-67-9)			X												
4A. 4,6-Dinitro-O- Cresol (534-52-1)			X												
5A. 2,4-Dinitro- phenol (51-28-5)			X												
6A. 2 Nitrophenol (88-75-5)			X												
7A. 4 Nitrophenol (100-02-7)			X												
8A. P-Chloro M- Cresol (59-50-7)			X												
9A. Pentachloro- phenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Tri- chlorophenol (88-06-2)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	STATE INC. QUOTE NO.	C. M. C. NO. (if available)	D. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	D. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	E. CONCENTRATION	F. MASS	G. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	H. NO. OF ANAL YSES	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)		X							
2B. Acenaphthylene (208-96-8)		X							
3B. Anthracene (120-12-7)		X							
4B. Benzidine (92-87-5)		X							
5B. Benzo (a) Anthracene (56-55-3)		X							
6B. Benzo (a) Pyrene (50-32-8)		X							
7B. 3,4-Benzo-fluoranthene (206-99-2)		X							
8B. Benzo (ghi) Perylene (191-24-2)		X							
9B. Benzo (k) Fluoranthene (207-08-9)		X							
10B. Bis (2-Chloroethoxy) Methane (111-91-1)		X							
11B. Bis (2-Chloroethyl) Ether (111-44-4)		X							
12B. Bis (2-Chloropropyl) Ether (102-60-1)		X							
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)		X							
14B. 4-Bromophenyl Phenyl Ether (101-55-3)		X							
15B. Butyl Benzyl Phthalate (85-68-7)		X							
16B. 2-Chloronaphthalene (91-58-7)		X							
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)		X							
18B. Chrysene (218-01-9)		X							
19B. Dibenz (a,h) Anthracene (53-70-3)		X							
20B. 1,2-Dichlorobenzene (95-50-1)		X							
21B. 1,3-Dichlorobenzene (541-73-1)		X							

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	A. TEST ING. RE-QUIR-ED	B. BE-NEVE-ILED PRE-SENT	C. BE-NEVE-ILED AG-ENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL- YSES	e. CONCEN- TRATION	f. MASS	g. LONG TERM AVERAGE VALUE		h. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued ¹)															
22B. 1,4-Dichloro- benzene (106-46-7)			X												
23B. 3,3'-Dichloro- benzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitro- toluene (121-14-2)			X												
28B. 2,6-Dinitro- toluene (806-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)			X												
31B. Fluorethene (206-44-0)			X												
32B. Fluorene (86-73-7)			X												
33B. Hexachlorobenzene (118-74-1)			X												
34B. Heptachlorobenzene (87-68-3)			X												
35B. Hexachloro- cyclopentadiene (77-47-4)			X												
36B. Hexachloro- ethane (67-72-1)			X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)			X												
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitro- sodimethylamine (62-75-9)			X												
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X												

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CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	TESTING PERIOD	C. SEVERITY	a. MAXIMUM DAILY VALUE	b. LONG TERM AVG. VALUE (if available)	8. CONCEN TRATION	d. MASS	9. LONG TERM AVERAGE VALUE	10. NO. OF ANAL YSES	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	
43B. N Nitro-sodiphenylamine (56-30-6)		X							
44B. Phenanthrene (85-01-8)		X							
45B. Pyrene (129-00-0)		X							
46B. 1,2,4 - Tri-chlorobenzene (120-82-1)		X							
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)		X							
2P. G-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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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	TEST NO. (if available)	DATE RECEIVED	B. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	C. LONG TERM AVG. VALUE (1) CONCENTRATION (2) MASS	A. CONCEN- TRATION	D. MASS	E. LONG TERM AVERAGE VALUE (1) CONCEN- TRATION (2) MASS	F. NO. OF ANAL- YSES
GC/MS FRACTION — PESTICIDES (con/vised)								
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 (11098-82-5)		X						
24P. PCB-1016 (12574-11-2)		X						
25P. Toxaphene (6001-35-2)		X						

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

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

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.

I. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)												
e. Ammonia (as N)												
f. Flow	VALUE 4.1		VALUE		VALUE		*	MGD		VALUE		
g. Temperature (winter)	VALUE 9°		VALUE		VALUE		*	°C		VALUE		
h. Temperature (summer)	VALUE 16°		VALUE		VALUE		*	°C		VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 8.5	MINIMUM	MAXIMUM	X		*	STANDARD UNITS	X			

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.

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

ITEM V-8 CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. LIMITS		5. INTAKE (optional)		6. NO. OF ANALYSES	
	a. PRESENT	b. SENT	8. MAXIMUM DAILY VALUE		9. MAXIMUM 30 DAY VALUE (if available)		d. NO. OF ANALYSES	e. CONCENTRATION	f. MASS	7. AVERAGE VALUE		
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION		(2) MASS
g. Nitrogen, Total Organic (as N)		X										
h. Oil and Grease		X										
i. Phosphorus (as P), Total (7723-14-0)		X										
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		2,540	27,600					1	MG/L	KG	
l. Sulfide (as S)		X										
m. Sulfite (as SO ₃) (14265-45-3)		X										
n. Surfactants		X										
o. Aluminum, Total (7429-90-5)		X										
p. Barium, Total (7440-38-3)		X										
q. Boron, Total (7440-42-8)		X										
r. Cobalt, Total (7440-48-4)		X										
s. Iron, Total (7439-89-6)		X										
t. Magnesium, Total (7439-95-4)		X										
u. Molybdenum, Total (7439-98-7)		X										
v. Manganese, Total (7439-96-5)		X										
w. Tin, Total (7440-31-5)		X										
x. Titanium, Total (7440-32-8)		X										

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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-b (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	b. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total, 7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)			X												
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		C. LONG TERM (if available) AVG. VALUE		4. UNITS		5. INTAKE (optional)		
	IS BY INQUIRY SENT	IS BY C. M. S. SENT	B. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	D. MAXIM. (if available) (1) CONCENTRATION (2) MASS	(1) CONCENTRATION (2) MASS	(1) CONCENTRATION (2) MASS	B. CONCENTRATION	L. MASS	(1) CONCEN- TRATION (2) MASS	B. LONG TERM AVERAGE VALUE	
GC/MS FRACTION - VOLATILE COMPOUNDS											
1V. Acrolein (107-02-8)		X									
2V. Acrylonitrile (107-13-1)		X									
3V. Benzene (71-43-2)		X									
4V. Bis (Chloro- methyl) Ether (542-88-1)		X									
5V. Bromoform (75-25-2)		X									
6V. Carbon Tetrachloride (56-23-5)		X									
7V. Chlorobenzene (108-90-7)		X									
8V. Chlorodi- bromomethane (124-48-1)		X									
9V. Chloroethane (75-00-3)		X									
10V. 2-Chloro- ethylvinyl Ether (110-75-8)		X									
11V. Chloroform (67-66-3)		X									
12V. Dichloro- bromomethane (75-27-4)		X									
13V. Dichloro- difluoromethane (75-71-8)		X									
14V. 1,1-Dichloro- ethene (75-34-3)		X									
15V. 1,2-Dichloro- ethene (107-06-2)		X									
16V. 1,1-Dichloro ethylene (75-35-4)		X									
17V. 1,2-Dichloro propane (78-87-5)		X									
18V. 1,3-Dichloro propylene (542-75-6)		X									
19V. Ethylbenzene (100-41-4)		X									
20V. Methyl Bromide (74-83-9)		X									
21V. Methyl Chloride (74-87-3)		X									

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

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK X		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	h. SE. VAL. (REV. 10/80)	g. SE. VAL. (REV. 10/80)	b. MAXIMUM DAILY VALUE (if available)	c. LONG TERM AVE. VALUE (if available)	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (if available)	b. NO. OF ANAL. YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS	CONCENTRATION	(g) MASS	CONCENTRATION	(g) MASS	CONCENTRATION	(g) MASS	(g) MASS	(g) MASS
1B. Acenaphthene (83-32-9)			X					
2B. Acenaphthylene (208-96-8)			X					
3B. Anthracene (120-12-7)			X					
4B. Benzidine (92-87-5)			X					
5B. Benzo (a) Anthracene (5F 75-3)			X					
6B. Benzo (a) Pyrene (50-32-8)			X					
7B. 3,4-Benzo-fluoranthene (205-99-2)			X					
8B. Benzo (ghi) Perylene (191-24-2)			X					
9B. Benzo (h) Fluoranthene (207-08-9)			X					
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X					
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)			X					
12B. Bis (2-Chloro-propyl) Ether (102-60-1)			X					
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)			X					
14B. 2-Bromo-phenyl Phenyl Ether (101-55-3)			X					
15B. Butyl Benzyl Phthalate (85-68-7)			X					
16B. 2-Chloro-naphthalene (91-58-7)			X					
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X					
18B. Chrysene (218-01-9)			X					
19B. Dibenzo (a,h) Anthracene (53-70-3)			X					
20B. 1,2-Dichloro-benzene (95-50-1)			X					
21B. 1,3-Dichloro-benzene (541-73-1)			X					

EPA I.D. NUMBER (copy from Item 1 of Form 1) OUTFALL NUMBER
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CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		a. MAXIMUM DAILY VALUE (1) MASS CONCENTRATION	b. MAXIMUM 30 DAY VALUE (1) MASS CONCENTRATION	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCEN- TRATION	b. NO. OF ANAL. YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)							
22B. 1,4-Dichloro- benzene (106-46-7)	X						
23B. 3,3'-Dichloro- benzidine (91-94-1)	X						
24B. Diethyl Phthalate (84-66-2)	X						
25B. Dimethyl Phthalate (131-11-3)	X						
26B. Di-N-Butyl Phthalate (84-74-2)	X						
27B. 2,4-Dinitro- toluene (121-14-2)	X						
28B. 2,6-Dinitro- toluene (606-20-2)	X						
29B. Di-N-Octyl Phthalate (117-94-0)	X						
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)	X						
31B. Fluoranthene (206-44-0)	X						
32B. Fluorene (86-73-7)	X						
33B. Haaschlorobenzene (118-74-1)	X						
34B. Hexa- chlorobutadiene (87-68-3)	X						
35B. Hexachloro- cyclopentadiene (77-47-4)	X						
36B. Hexachloro- ethane (67-72-1)	X						
37B. Indeno (1,2,3-cd) Pyrene (193-39-6)	X						
38B. Isophorone (78-59-1)	X						
39B. Naphthalene (91-20-3)	X						
40B. Nitrobenzene (98-96-3)	X						
41B. N-Nitro- sodimethylamine (62-75-9)	X						
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X						

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL YSES
	RES. QUIN	RES. SERV	CONCENTRATION	(1) MASS	CONCENTRATION	(1) MASS	CONCENTRATION	(1) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)									
43B. N Nitro-sodiphenylamine (86-30-6)		X							
44B. Phenanthrene (85-01-8)		X							
45B. Pyrene (129-00-0)		X							
46B. 1,2,4-Trichlorobenzene (120-82-1)		X							
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							

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 P.D. NUMBER (copy from Item 1 of Form 1)

MA 0003557

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

OUTFALL NO
008

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

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)												
e. Ammonia (as N)												
f. Flow	VALUE 0.73		VALUE		VALUE		*	MGD		VALUE		
g. Temperature (winter)	VALUE 9°		VALUE		VALUE		*	°C		VALUE		
h. Temperature (summer)	VALUE 16°		VALUE		VALUE		*	°C		VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 8.5	MINIMUM	MAXIMUM	X		*	STANDARD UNITS	X			

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

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

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		6. NO. OF ANALYSES
	a. RE-CEIVED PERCENT	b. DELIVERED PERCENT	d. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVG. VALUE (if available)		b. MASS	a. CONCENTRATION	b. CONCENTRATION	a. AVERAGE VALUE		
				(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X									
h. Oil and Grease		X									
i. Phosphorus (as P), Total (7723-14-0)		X									
j. Radioactivity											
(1) Alpha, Total		X									
(2) Beta, Total		X									
(3) Radium, Total		X									
(4) Radium 226, Total		X									
k. Sulfate (as SO ₄) (14808-79-8)		X									
l. Sulfide (as S)		X									
m. Sulfite (as SO ₃) (14265-45-3)		X									
n. Surfactants		X									
o. Aluminum, Total (7429-90-5)		X									
p. Barium, Total (7440-39-3)		X									
q. Boron, Total (7440-42-8)		X									
r. Cobalt, Total (7440-48-4)		X									
s. Iron, Total (7439-89-6)		X									
t. Magnesium, Total (7439-95-4)		X									
u. Molybdenum, Total (7439-98-7)		X									
v. Manganese, Total (7439-96-5)		X									
w. Tin, Total (7440-31-6)		X									
x. Titanium, Total (7440-32-6)		X									

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MA 0003557	008

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CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)					
	a. TEST-ING RE-QUIR-ED	b. RE-LIEVED PRE-SENT	c. RE-LIEVED AB-SENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL-YSES	B. CONCEN-TRATION	b. MASS	B. LONG TERM AVERAGE VALUE		h. NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total, 7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)			X												
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo-P-dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

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

EPA I.D. NUMBER (copy from Item 1 of Form 1) MA 0003557
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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	A. TOXIC CONC. QUANT. ED.	B. DE. ALIQUOT PRESENT	C. BE. LEVEL PRESENT	A. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		D. NO. OF ANALYSES	B. CONCENTRATION	D. MASS	B. LONG TERM AVERAGE VALUE		D. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloroethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Trichloroethane (71-55-6)			Y												
28V. 1,1,2-Trichloroethane (79-00-5)			X												
29V. Trichloroethylene (79-01-6)			X												
30V. Trichlorofluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X												
2A. 2,4-Dichlorophenol (120-83-2)			X												
3A. 2,4-Dimethylphenol (105-67-9)			X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitrophenol (51-28-5)			X												
6A. 2-Nitrophenol (88-75-5)			X												
7A. 4-Nitrophenol (100-02-7)			X												
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachlorophenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Trichlorophenol (88-06-2)			X												

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)	
	1. TEST W.C. QUIC. SENT	2. TEST W.C. QUIC. SENT	3. MAXIMUM DAILY VALUE (g) MASS	4. MAXIMUM 30 DAY VALUE (g) MASS	5. LONG TERM AVERAGE VALUE (g) MASS	6. CONCENTRATION (g) MASS	7. CONCENTRATION (g) MASS	8. LONG TERM AVERAGE VALUE (g) MASS	9. NO. OF ANAL. YSES	10. NO. OF ANAL. YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS										
1B. Acenaphthene (83-32-9)		X								
2B. Acenaphthylene (208-96-8)		X								
3B. Anthracene (120-12-7)		X								
4B. Benzidine (92-87-5)		X								
5B. Benzo (a) Anthracene (56-55-3)		X								
6B. Benzo (a) Pyrene (50-32-8)		X								
7B. 3,4-Benzofluoranthene (206-99-2)		X								
8B. Benzo (ghi) Perylene (191-24-2)		X								
9B. Benzo (k) Fluoranthene (207-08-9)		X								
10B. Bis (2-Chloroethoxy) Methane (111-91-1)		X								
11B. Bis (2-Chloroethyl) Ether (111-44-4)		X								
12B. Bis (2-Chloropropyl) Ether (102-80-1)		X								
13B. Bis (2-Ethylhexyl) Phthalate (117-91-7)		X								
14B. 4-Bromophenyl Phenyl Ether (101-55-3)		X								
15B. Butyl Benzyl Phthalate (85-68-7)		X								
16B. 2-Chloronaphthalene (91-58-7)		X								
17B. 4-Chlorophenyl Phenyl Ether (2005-72-3)		X								
18B. Chrysene (218-01-9)		X								
19B. Dibenzo (a,h) Anthracene (53-70-3)		X								
20B. 1,2-Dichlorobenzene (95-50-1)		X								
21B. 1,3-Dichlorobenzene (541-73-1)		X								

EPA I.D. NUMBER (copy from Item I of Form I) **OUTFALL NUMBER**
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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM 30 DAY VALUE (if available)	c. CONCEN TRATION	d. MASS	e. LONG TERM AVERAGE VALUE (i) CONCEN TRATION (ii) MASS	f. NO. OF ANAL YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)							
22B. 1,4-Dichloro-benzene (106-46-7)	X						
23B. 3,3'-Dichloro-benzidine (91-94-1)	X						
24B. Diethyl Phthalate (84-66-2)	X						
25B. Dimethyl Phthalate (131-11-3)	X						
26B. Di-N-Butyl Phthalate (84-74-2)	X						
27B. 2,4-Dinitro-toluene (121-14-2)	X						
28B. 2,6-Dinitro-toluene (806-20-2)	X						
29B. Di-N-Octyl Phthalate (117-84-0)	X						
30B. 1,2-Diphenyl-hydrazine (or Azobenzene) (122-66-7)	X						
31B. Fluoranthene (206-44-0)	X						
32B. Fluorene (86-73-7)	X						
33B. Hexachlorobenzene (118-74-1)	X						
34B. Hexachlorobutadiene (87-68-3)	X						
35B. Hexachlorocyclopentadiene (77-47-4)	X						
36B. Hexachloroethane (67-72-1)	X						
37B. Indeno (1,2,3-cd) Pyrene (193-39-6)	X						
38B. Isophorons (78-69-1)	X						
39B. Naphthalene (91-20-3)	X						
40B. Nitrobenzene (98-95-3)	X						
41B. N-Nitrosodimethylamine (62-78-9)	X						
42B. N-Nitrosodi-N-propylamine (621-64-7)	X						

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		B. MAXIMUM DAILY VALUE		3. EFFLUENT		C. LONG TERM AVERAGE VALUE (if available)		4. UNITS		5. INTAKE (optimal)		D. NO. OF ANAL YSES
	MARK 'X' QUANT. LIMIT	MARK 'X' QUAL. LIMIT	CONCENTRATION	[1] MASS	CONCENTRATION	[1] MASS	CONCENTRATION	[1] MASS	CONCENTRATION	[1] MASS	CONCENTRATION	[1] MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)													
43B. N-Nitro-sodiphenylamins (86-30-6)			X										
44B. Phenanthrene (85-01-8)			X										
45B. Pyrene (129-00-0)			X										
46B. 1,2,4-Trichlorobenzene (120-82-1)			X										
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 (72-95-9)			X										
9P. 4,4'-DDD (72-94-8)			X										
10P. Dieldrin (60-57-1)			X										
11P. α -Endosulfan (115-29-7)			X										
12P. β -Endosulfan (115-29-7)			X										
13P. Endosulfan Sulfate (11031-07-8)			X										
14P. Endrin (72-20-8)			X										
15P. Endrin Aldehyde (7421-93-4)			X										
16P. Heptachlor (76-44-8)			X										

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CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	A. TOXIC SUBSTANCE CONTROL ACT (TSCA)	B. FEDERAL INHERENT SUBSTANCE CONTROL ACT (FISCA)	6. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	7. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION (2) MASS	8. CONCEN TRATION	9. MASS	10. LONG TERM AVERAGE VALUE (1) CONCEN TRATION (2) MASS	11. LONG TERM AVERAGE VALUE (1) CONCEN TRATION (2) MASS
GC/MS FRACTION -- PESTICIDES (continued)								
17P. Heptachlor Epoxide (1024-67-3)		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 (11098-82-5)		X						
24P. PCB-1016 (12674-11-2)		X						
25P. Toxaphene (9001-35-2)		X						

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

OUTFALL NO
010

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						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	{1} CONCENTRATION	{2} MASS	{1} CONCENTRATION	{2} MASS	{1} CONCENTRATION	{2} MASS				{1} CONCENTRATION	{2} MASS	
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)												
e. Ammonia (as N)												
f. Flow	VALUE 19.4		VALUE		VALUE		*	MGD		VALUE		
g. Temperature (winter)	VALUE 23°		VALUE		VALUE		*	°C		VALUE		
h. Temperature (summer)	VALUE 35°		VALUE		VALUE		*	°C		VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 8.5	MINIMUM	MAXIMUM	X		*	STANDARD UNITS		X		

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
			{1} CONCENTRATION	{2} MASS	{1} CONCENTRATION	{2} MASS	{1} CONCENTRATION	{2} MASS				{1} CONCENTRATION	{2} MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.94	68.9	0.94	68.9	0.138	0.49	11	MG/L	KG			
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' (a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x)	3. EFFLUENT				4. UNITS		5. INTAKE (optional)		6. NO. OF ANALYSES
		D. MAXIMUM DAILY VALUE		E. LONG TERM AVERAGE VALUE (if available)		B. CONCENTRATION	D. MASS	A. LONG TERM AVERAGE VALUE	C. CONCENTRATION	
		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					
g. Nitrogen, Total Organic (as N)	X									
h. Oil and Grease	X									
i. Phosphorus (as P), Total (7723-14-0)	X									
J. Radioactivity										
(1) Alpha, Total	X									
(2) Beta, Total	X									
(3) Radium, Total	X									
(4) Radium 226, Total	X									
k. Sulfate (as SO ₄) (14808-79-8)	X									
l. Sulfide (as S)	X									
m. Sulfite (as SO ₃) (14265-45-3)	X									
n. Surfactants	X									
o. Aluminum, Total (7429-90-5)	X									
p. Barium, Total (7440-38-3)	X									
q. Boron, Total (7440-42-8)	X									
r. Cobalt, Total (7440-48-4)	X	<0.010	0.0						1	MG/L
s. Iron, Total (7439-89-6)	X	1.17	85.8						1	MG/L
t. Magnesium, Total (7439-95-4)	X									
u. Molybdenum, Total (7439-98-7)	X									
v. Manganese, Total (7439-96-5)	X									
w. Tin, Total (7440-31-5)	X									
x. Titanium, Total (7440-32-6)	X	0.0177	1.30						1	MG/L

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CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)				
	B. TESTING REQUIRED	D. BELIEVED PRESENT	C. BELIEVED ABSENT	A. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	B. CONCENTRATION	b. MASS	E. LONG TERM AVERAGE VALUE		D. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
METALS, CYANIDE, AND TOTAL PHENOLS																
1M. Antimony, Total (7440-36-0)			X													
2M. Arsenic, Total (7440-38-2)			X													
3M. Beryllium, Total (7440-41-7)			X													
4M. Cadmium, Total (7440-43-9)			X													
5M. Chromium, Total (7440-47-3)			X													
6M. Copper, Total (7440-50-8)			X													
7M. Lead, Total (7439-92-1)			X													
8M. Mercury, Total (7439-97-6)			X													
9M. Nickel, Total (7440-02-0)			X													
10M. Selenium, Total (7782-49-2)			X													
11M. Silver, Total (7440-22-4)			X													
12M. Thallium, Total (7440-23-0)			X													
13M. Zinc, Total (7440-66-6)			X													
14M. Cyanide, Total (57-12-5)			X													
15M. Phenols, Total			X													
DIOXIN																
2,3,7,8-Tetrahydrodibenzo-P-dioxin (1764-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL. YSES	
	D. SEC. GASES SENT TO AIR EG	D. SEC. GASES AW. SENT TO EG	B. MAXIMUM DAILY VALUE (if available)	C. LONG TERM AVG. VALUE (if available)	A. CONCENTRATION	D. MASS	B. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	C. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS										
1V. Acrolein (107-02-8)		X								
2V. Acrylonitrile (107-13-1)		X								
3V. Benzene (71-43-2)		X								
4V. Bis (Chloromethyl) Ether (542-88-1)		X								
5V. Bromoform (75-25-2)		X								
6V. Carbon Tetrachloride (56-23-5)		X								
7V. Chlorobenzene (108-90-7)		X								
8V. Chlorodibromomethane (124-48-1)		X								
9V. Chloroethane (75-00-3)		X								
10V. 2-Chloroethylvinyl Ether (110-75-8)		X								
11V. Chloroform (67-66-3)		X								
12V. Dichlorobromomethane (75-27-4)		X								
13V. Dichlorodifluoromethane (75-71-8)		X								
14V. 1,1-Dichloroethene (75-34-3)		X								
15V. 1,2-Dichloroethane (107-06-2)		X								
16V. 1,1-Dichloroethylene (75-35-4)		X								
17V. 1,2-Dichloropropane (78-87-5)		X								
18V. 1,2-Dichloropropylene (542-75-8)		X								
19V. Ethylbenzene (100-41-4)		X								
20V. Methyl Bromide (74-83-9)		X								
21V. Methyl Chloride (74-87-3)		X								

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	D. MS. ANALYZED QUANTITATIVELY	C. MS. SENT TO DEPT. OF HEALTH	B. MAXIMUM DAILY VALUE (1) CONCENTRATION	D. MAXIMUM 30 DAY VALUE (1) CONCENTRATION	B. CONCEN- TRATION	D. MASS	B. LONG TERM AVERAGE VALUE (1) CONCEN- TRATION	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)								
22V. Methylene Chloride (75-09-2)		X						
23V. 1,1,2,2-Tetra- chloroethane (79-34-5)		X						
24V. Tetrachloro- ethylene (127-18-4)		X						
25V. Toluene (108-88-3)		X						
26V. 1,2-Trans- Dichloroethylene (156-60-5)		X						
27V. 1,1,1-Trif- chloroethane (71-55-6)		X						
28V. 1,1,2-Trif- chloroethane (79-00-5)		X						
29V. Trichloro- ethylene (79-01-6)		X						
30V. Trichloro- fluoromethane (75-69-4)		X						
31V. Vinyl Chloride (75-01-4)		X						
GC/MS FRACTION - ACID COMPOUNDS								
1A. 2-Chlorophenol (95-57-8)		X						
2A. 2,4-Dichloro- phenol (120-83-2)		X						
3A. 2,4-Dimethyl- phenol (105-67-9)		X						
4A. 4,6-Dinitro O- Cresol (534-52-1)		X						
5A. 2,4 Dinitro- phenol (51-28-5)		X						
6A. 2-Nitrophenol (88-75-5)		X						
7A. 4-Nitrophenol (100-02-7)		X						
8A. P-Chloro-M- Cresol (59-50-7)		X						
9A. Pentachloro- phenol (87-86-5)		X						
10A. Phenol (108-95-2)		X						
11A. 2,4,6-Trif- chlorophenol (88-06-2)		X						

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL. YSES	
	MSD	MSL	D. MAXIMUM DAILY VALUE (if available)	D. MAXIMUM (if available)	P. CONCENTRATION	B. MASS	A. LONG TERM AVERAGE VALUE (if available)	A. LONG TERM AVERAGE VALUE (if available)		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS										
1B. Acenaphthens (83-32-9)										
2B. Acenaphthylene (208-96-8)										
3B. Anthracene (120-12-7)										
4B. Benzidine (92-87-5)										
5B. Benzo (a) Anthracene (56-85-3)										
6B. Benzo (a) Pyrene (50-32-8)										
7B. 3,4-Benzofluoranthene (205-99-2)										
8B. Benzo (ghi) Perylene (191-24-2)										
9B. Benzo (k) Fluoranthene (207-08-9)										
10B. Bis (2-Chloroethoxy) Methane (111-91-1)										
11B. Bis (2-Chloroethyl) Ether (111-44-4)										
12B. Bis (2-Chloropropyl) Ether (102-60-1)										
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)										
14B. 4-Bromophenyl Phenyl Ether (101-55-3)										
15B. Butyl Benzyl Phthalate (85-68-7)										
16B. 2-Chloronaphthalene (91-58-7)										
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)										
18B. Chrysenes (218-01-9)										
19B. Dibenzo (a,h) Anthracene (53-70-3)										
20B. 1,2-Dichlorobenzene (95-60-1)										
21B. 1,3-Dichlorobenzene (541-73-1)										

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

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	STATE USE REG. NO.	FED. USE REG. NO.	B. MAXIMUM DAILY VALUE (if available)	C. LONG TERM AVG. VALUE (if available)	B. CONCEN TRATION	B. MASS	B. LONG TERM AVERAGE VALUE (i) CONCEN TRATION (j) MASS	B. NO. OF ANAL YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)								
43B. N-Nitro- naphthalene/terpine (86-30-6)		X						
44B. Phenanthrene (85-01-8)		X						
45B. Pyrene (129-00-0)		X						
46S. 1,2,4-Trichlorobenzene (120-82-1)		X						
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						

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

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

OUTFALL NO.

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						d. NO. OF ANALYSES	3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRS. VALUE (if available)			e. CONCENTRATION	f. MASS	g. LONG TERM AVERAGE VALUE		h. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.0	0.0					1	mg/l	kg			
b. Chemical Oxygen Demand (COD)	< 50.0	0.0					1	mg/l	kg			
c. Total Organic Carbon (TOC)	1.3	0.177					1	mg/l	kg			
d. Total Suspended Solids (TSS)	87.5	11.9	87.5	11.9	19.9	2.71	25	mg/l	kg			
e. Ammonia (as N)	0.13	0.018					1	mg/l	kg			
f. Flow	VALUE 0.06		VALUE		VALUE		*	MGD	kg	VALUE		
g. Temperature (winter)	VALUE 21.5°		VALUE		VALUE		*	°C		VALUE		
h. Temperature (summer)	VALUE 23°		VALUE		VALUE		*	°C		VALUE		
i. pH	MINIMUM 6.1	MAXIMUM 8.4	MINIMUM	MAXIMUM	X		*	STANDARD UNITS		X		

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. RECEIVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRS. VALUE (if available)			e. CONCENTRATION	f. MASS	g. LONG TERM AVERAGE VALUE		h. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24869-87-9)	X		< 2.0	0.0					1	mg/l	kg			
b. Chlorine, Total Residual		X												
c. Color	X		< 5.0	0.0					1	CU				
d. Fecal Coliform		X												
e. Fluoride (18884-48-8)	X		0.89	0.121					1	mg/l	kg			
f. Nitrate-Nitrite (as N)	X		3.72	0.506					1	mg/l	kg			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL. USES
	a. b. c. d. e. f. g. h. i. j. k. l. m. n. o. p. q. r. s. t. u. v. w. x. y. z.	b. e. f. g. h. i. j. k. l. m. n. o. p. q. r. s. t. u. v. w. x. y. z.	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		b. CONCENTRATION	b. MASS	a. AVERAGE VALUE		
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS			(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		0.11	0.015				mg/l	kg		
h. Oil and Grease	X		< 1.0	0.0				mg/l	kg		
i. Phosphorus (as P), Total (7723-14-0)	X		< 0.10	0.0				mg/l	kg		
J. Radioactivity											
(1) Alpha, Total		X									
(2) Beta, Total		Y	23.8±0.77	-				PCI/L	-		
(3) Radium, Total		X									
(4) Radium 226, Total		X									
k. Sulfate (as SO ₄) (14806-79-8)	X		12.3	1.67				mg/l	kg		
l. Sulfide (as S)	X		< 1.0	0.0				mg/l	kg		
m. Sulfite (as SO ₃) (14266-45-3)	X		< 1.0	0.0				mg/l	kg		
n. Surfactants	X		< 0.3	0.0				mg/l	kg		
o. Aluminum, Total (7429-90-5)	X		< 0.075	0.0				mg/l	kg		
p. Barium, Total (7440-39-3)	X		< 0.010	0.0				mg/l	kg		
q. Boron, Total (7440-42-8)	X		0.256	0.035	0.256	0.035	< 0.0013	mg/l	kg		
r. Cobalt, Total (7440-48-4)	X		< 0.010	0.0				mg/l	kg		
s. Iron, Total (7439-89-6)	X		0.418	0.057				mg/l	kg		
t. Magnesium, Total (7439-95-4)	X		1.4	0.190				mg/l	kg		
u. Molybdenum, Total (7439-98-7)	X		0.715	0.097				mg/l	kg		
v. Manganese, Total (7439-96-5)	X		0.0309	0.042				mg/l	kg		
w. Tin, Total (7440-11-8)	X		< 0.030	0.0				mg/l	kg		
x. Titanium, Total (7440-32-6)	X		< 0.010	0.0				mg/l	kg		

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CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructor ... 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	B. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	B. CONCENTRATION	b. MASS	B. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
METALS, CYANIDE, AND TOTAL PHENOLS																
1M. Antimony, Total (7440-36-0)	X			< 0.050	0.0					1	mg/l	kg				
2M. Arsenic, Total (7440-38-2)	X			< 0.005	0.0					1	mg/l	kg				
3M. Beryllium, Total (7440-41-7)	X			< 0.005	0.0					1	mg/l	kg				
4M. Cadmium, Total (7440-43-9)	X			< 0.005	0.0					1	mg/l	kg				
5M. Chromium, Total (7440-47-3)	X			< 0.020	0.0					1	mg/l	kg				
6M. Copper, Total (7440-50-8)	X			0.0498	0.007					1	mg/l	kg				
7M. Lead, Total (7439-92-1)	X			0.00837	0.001					1	mg/l	kg				
8M. Mercury, Total (7439-97-6)	X			< 0.0002	0.0					1	mg/l	kg				
9M. Nickel, Total (7440-02-0)	X			0.0159	0.002					1	mg/l	kg				
10M. Selenium, Total (7782-49-2)	X			< 0.005	0.0					1	mg/l	kg				
11M. Silver, Total (7440-22-4)	X			< 0.010	0.0					1	mg/l	kg				
12M. Thallium, Total (7440-28-0)	X			< 0.005	0.0					1	mg/l	kg				
13M. Zinc, Total (7440-66-6)	X			0.0409	0.006					1	mg/l	kg				
14M. Cyanide, Total (57-12-5)	X			< 0.01	0.0					1	mg/l	kg				
15M. Phenols, Total	X			< 0.10	0.0					1	mg/l	kg				
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-dioxin (1764-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANALYSES
	TESTS IN COMPLIANCE WITH 901.001	TESTS IN COMPLIANCE WITH 901.002	A. MAXIMUM DAILY VALUE (i) CONCENTRATION	B. MAXIMUM 30 DAY VALUE (ii) MASS	C. LONG TERM AVERAGE VALUE (i) CONCENTRATION	D. MASS	E. LONG TERM AVERAGE VALUE (i) CONCENTRATION	F. NO. OF ANALYSES	
GC/MS FRACTION - VOLATILE COMPOUNDS									
1V. Acrolein (107-02-8)	X		< 0.020	0.0		mg/l	kg		
2V. Acrylonitrile (107-13-1)	X		< 0.020	0.0		mg/l	kg		
3V. Benzene (71-43-2)	X		< 0.005	0.0		mg/l	kg		
4V. Bis (Chloromethyl) Ether (542-88-1)		X							
5V. Bromoform (75-25-2)	X		< 0.005	0.0		mg/l	kg		
6V. Carbon Tetrachloride (56-23-5)	X		< 0.005	0.0		mg/l	kg		
7V. Chlorobenzene (108-90-7)	X		< 0.005	0.0		mg/l	kg		
8V. Chlorodibromomethane (124-48-1)	X		< 0.005	0.0		mg/l	kg		
9V. Chloroethane (75-00-3)	X		< 0.010	0.0		mg/l	kg		
10V. 2-Chloroethylvinyl Ether (110-75-8)	X		< 0.005	0.0		mg/l	kg		
11V. Chloroform (67-66-3)	X		< 0.005	0.0		mg/l	kg		
12V. Dichlorobromomethane (75-27-4)	X		< 0.005	0.0		mg/l	kg		
13V. Dichlorodifluoromethane (75-71-8)		X							
14V. 1,1-Dichloroethane (75-34-3)	X		< 0.005	0.0		mg/l	kg		
15V. 1,2-Dichloroethane (107-06-2)	X		< 0.005	0.0		mg/l	kg		
16V. 1,1-Dichloroethylene (75-35-4)	X		< 0.005	0.0		mg/l	kg		
17V. 1,2-Dichloropropane (78-87-5)	X		< 0.005	0.0		mg/l	kg		
18V. 1,3-Dichloropropylene (542-75-6)	X		< 0.005	0.0		mg/l	kg		
19V. Ethylbenzene (100-41-4)	X		< 0.005	0.0		mg/l	kg		
20V. Methyl Bromide (74-83-9)	X		< 0.010	0.0		mg/l	kg		
21V. Methyl Chloride (74-87-3)	X		< 0.010	0.0		mg/l	kg		

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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	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	B. CONCENTRATION	D. MASS	B. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X			0.0058	0.001					1	ug/l	kg			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<0.005	0.0					1	mg/l	kg			
24V. Tetrachloroethylene (127-18-4)	X			<0.005	0.0					1	mg/l	kg			
25V. Toluene (108-88-3)	X			<0.005	0.0					1	mg/l	kg			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<0.005	0.0					1	mg/l	kg			
27V. 1,1,1-Trichloroethane (71-55-6)	X			<0.005	0.0					1	mg/l	kg			
28V. 1,1,2-Trichloroethane (79-00-5)	X			<0.005	0.0					1	mg/l	kg			
29V. Trichloroethylene (79-01-6)	X			<0.005	0.0					1	mg/l	kg			
30V. Trichlorofluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)	X			<0.010	0.0					1	mg/l	kg			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<0.010	0.0					1	mg/l	kg			
2A. 2,4-Dichlorophenol (120-83-2)	X			<0.010	0.0					1	mg/l	kg			
3A. 2,4-Dimethylphenol (105-67-9)	X			<0.010	0.0					1	mg/l	kg			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<0.050	0.0					1	mg/l	kg			
5A. 2,4-Dinitrophenol (51-28-5)	X			<0.050	0.0					1	mg/l	kg			
6A. 2-Nitrophenol (88-75-5)	X			<0.010	0.0					1	mg/l	kg			
7A. 4-Nitrophenol (100-02-7)	X			<0.050	0.0					1	mg/l	kg			
8A. P-Chloro-M-Cresol (59-50-7)	X			<0.010	0.0					1	mg/l	kg			
9A. Pentachlorophenol (87-86-5)	X			<0.050	0.0					1	mg/l	kg			
10A. Phenol (108-95-2)	X			<0.010	0.0					1	mg/l	kg			
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<0.010	0.0					1	mg/l	kg			

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL. YSES	
	D. BE. LISTED TOXIC SUBSTANCE ACT. (1)	C. WE. LISTED TOXIC SUBSTANCE ACT. (2)	D. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	B. CONCENTRATION	B. MASS	A. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS										
1B. Acenaphthene (83-32-9)										
2B. Acenaphthylene (208-96-8)										
3B. Anthracene (120-12-7)										
4B. Benzidine (92-87-5)										
5B. Benzo (a) Anthracene (56-55-3)										
6B. Benzo (a) Pyrene (50-32-8)										
7B. 3,4-Benzo-fluoranthene (205-99-2)										
8B. Benzo (ghi) Perylene (191-24-2)										
9B. Benzo (k) Fluoranthene (207-08-9)										
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)										
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)										
12B. Bis (2-Chloro-propyl) Ether (102-60-1)										
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)										
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)										
15B. Butyl Benzyl Phthalate (85-68-7)										
16B. 2-Chloro-naphthalene (91-58-7)										
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)										
18B. Chrysene (218-01-9)										
19B. D-Benzo (a,h) Anthracene (53-70-3)										
20B. 1,2-Dichloro-benzene (95-60-1)										
21B. 1,3-Dichloro-benzene (541-73-1)										

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	B. TESTING REQUIRED	D. BELIEVED PRESENT	C. BELIEVED ABSENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVG. VALUE (if available)		f. NO. OF ANALYSES	B. CONCENTRATION	D. MASS	B. LONG TERM AVERAGE VALUE		D. 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 (9001-35-2)			X												