



Portland General Electric Company

James E. Cross
Vice President and Chief Nuclear Officer

June 21, 1994

Trojan Nuclear Plant
Docket 50-344
License NPF-1

VPN-026-94

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

Dear Sirs:

National Pollutant Discharge Elimination System (NPDES)
Application Renewal

In accordance with NPF-1, Appendix B, Environmental Protection Plan, Section 3.2, this letter transmits a completed application for renewal of the National Pollutant Discharge Elimination System (NPDES) permit for Portland General Electric Company's Trojan Plant.

Sincerely,

S. M. Quennoz
for J. E. Cross

Enclosure

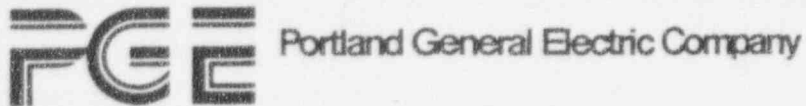
- c: L. J. Callan, NRC Region IV
S. J. Collins, NRC Region IV
F. A. Wenslawski, NRC Region IV/WCFO
D. Stewart-Smith, ODOE

9406270224 940621
PDR ADOCK 05000344
P PDR

121 SW Salmon Street, Portland, OR 97204
503/464-8897

240001

JE25



May 26, 1994
ES-262-94
Trojan
Gov Rel 9

Department of Environmental Quality
2020 SW Fourth Avenue
Suite 400
Portland OR 97201

Re: Permit No. 100718
File No. 70825
PGE Trojan Nuclear Power Plant
Columbia County

Enclosed is a completed application for renewal of the National Pollutant Discharge Elimination System (NPDES) Permit #100718 for the Portland General Electric Trojan Nuclear Power Plant and a check for \$5,050 (PGE #6E-526650) for the filing fee and the processing fee. The \$5,050 fee was confirmed by a telephone conversation between Tim Moore (PGE) and Julie Schmitt and Kent Ashbaker (DEQ) on May 5, 1994.

The enclosed NPDES application is based upon the current status of Trojan Nuclear Plant as a permanently terminated facility. PGE is investigating the development of gas-fired generation of electricity at the Trojan site. If a decision is made to develop a gas-fired facility, an NPDES permit modification will be submitted to the DEQ.

Several modifications to reduce effluents and reduce monitoring are being requested. PGE requests the following changes to the current Trojan NPDES permit:

Schedule A, Section 1

Outfall 001

Sodium

PGE requests that the sodium concentration and sampling requirements be deleted. Sodium hydroxide is no longer used in either boiler water or drinking water treatment.

Sulfate

PGE requests that the sulfate concentration and sampling requirements be deleted. Sulfuric Acid is no longer used in either boiler water or drinking water treatment.

Aluminum

PGE requests that the aluminum concentration and sampling requirements be deleted. The use of alum for water pretreatment was discontinued in April 1990 when well water replaced the Columbia River as the source of potable water. With the termination of alum usage there is no source of aluminum in the main outfall due to plant operations.

Temperature and Heat

All temperature and heat references to reactor cooldown operations can be deleted. Use of the reactor has been permanently terminated and no heat is being produced that affects the NPDES permit.

Outfall 003

PGE requests that outfall 003 be deleted. The Settling Basin system was deactivated and is no longer a discharge pathway.

Outfall 004

The Steam Generator Blowdown (SGBD) System is no longer routinely used as a discharge pathway. The Steam Generators (S/G) are currently filled with water awaiting their removal from the containment building. The S/G's are expected to be drained via the SGBD system. The SGBD system will be permanently deactivated following completion of S/G draining. This discharge pathway will no longer be utilized following SGBD system deactivation.

PGE requests that the NPDES permit be flexible enough to permit the final draining of the Steam Generators and then not require a permit modification (or further submittal of DMR's) after the final draining of the Steam Generators.

Outfall 006

PGE requests that references to Startup Boiler Blowdown be deleted. The Startup Boiler was deactivated and is no longer a discharge pathway.

Schedule A, Section 2

PGE requests that references to pump seal water be deleted. Drainage of pump seal water to the recreation lake was discontinued.

Schedule A, Section 3

Because the circulating water system has been drained and deactivated, references to Section 3 can be deleted.

Schedule A, Section 5

References to Circulating Water System Drainage should be deleted. The circulating water system has been drained and deactivated.

Schedule B (Explanations are in Schedule A)

Outfall 001

Monitoring and reporting requirements for sodium, sulfate and aluminum can be deleted because these chemicals are no longer used in process streams, therefore they would not be found in outfall 001.

To match present operations and an agreement with the DEQ (PGE to DEQ, ES-352-93, September 13, 1993, not attached), the minimum frequency for boron should be once per batch release. The sample should be a grab sample. The grab sample will be taken from a tank prior to discharge, and the effluent boron concentration calculated based upon dilution flow.

Line 3

The second sentence referring to cooldown operations can be deleted. The reactor is permanently shutdown and the fuel was removed.

Line 5

Line 5 can be deleted because surface water is no longer treated for potable water.

Outfall 002

Grab samples for Fecal Coliform, pH, and Chlorine Residual should also be defined as grab samples collected from a compositor.

Outfall 003

Delete all references to Outfall 003.

Outfall 004

Delete all references to Outfall 004.

Outfall 006

Delete reference to Startup Boiler Blowdown and Drain Water.

Miscellaneous drainage to Recreation Lake

Delete references to pump seal water and all references to periods of drainage from circulating water systems. These sources no longer exist.

Sources of miscellaneous drainage are being investigated. If all miscellaneous drainage sources can be eliminated, then only stormwater from paved areas will drain to the Recreation Lake implying that Outfall 003 could be eliminated from the NPDES permit. No materials are stored on these paved areas.

Schedule D, Line 4

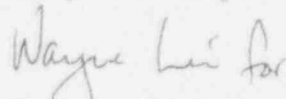
Line 4 can be deleted. The cooling tower has been deactivated and chemicals are no longer used.

Schedule D, Line 7

Line 7 can be deleted as explained under comments for Section A, Line 1.

If you have questions or require additional information, please contact Lolita Carter at (503)464-8520 or Tim Moore at (503)464-8490.

Respectfully,



Dennis Norton
Manager, Environmental Services

cc Tim Moore
Lolita Carter
Tom Meek
Wayne Lei w/o
David Stewart-Smith, DOE

ENV00002

6E-526650

Portland General Electric Co.
121 SW SALMON STREET
PORTLAND, OR 97204

Seafirst Bank
Disbursement Account
First Union National Bank
Chapel Hill, North Carolina

66-156
531

DATE
05/20/94

THIS CHECK MUST BE PRESENTED FOR
PAYMENT WITHIN NINETY DAYS FROM DATE

PAY EXACTLY
\$5,050.00

TO THE ORDER OF:

DEPT OF ENVIRONMENTAL QUALITY
2020 SW 4TH AV STE 400
PORTLAND OR 97201-4987

Portland General Electric Co.

Joseph M. Heik

⑈0526650⑈ ⑆053101561⑆ 2079985266435⑈

RETURN APPLICATION TO:
 DEPARTMENT OF ENVIRONMENTAL
 QUALITY
 Business Office
 811 S.W. Sixth Avenue
 Portland, OR 97204
 (503) 229-5269

APPLICATION
 FOR RENEWAL OF
 NATIONAL POLLUTANT DISCHARGE
 ELIMINATION SYSTEM PERMIT (NPDES-R)
 STATE OF OREGON

Attn: Julie Schmitt/NW

DEQ USE ONLY
 Appl. No.: _____
 FDe No.: 70825
 Received: _____
 WQ EPA No.: OR-

A. REFERENCE INFORMATION

Portland General Electric Company
 Official Name of Applicant (Owner)
Trojan Nuclear Power Plant
 Facility Name
121 SW Salmon St - JWCBR05
 Mailing Address
Portland OR 97204
 City State Zip
Dennis Norton
 Responsible Official
Manager, Environmental Services
 Title
Same (503) 464-8522
 Address or Location Phone

Present Permit No.: 100718
 Date Expires: November 30, 1995
 Enter Site Location by Latitude and Longitude:

LATITUDE			LONGITUDE		
1. Deg.	2. Min.	3. Sec.	1. Deg.	2. Min.	3. Sec.
N46 ^o	02'	25"	W122	53'	03"

Steve Quennoz
 Alternate Responsible Official or Chief Operator
Plant Manager
 Title
71760 Columbia River Hwy
Rainier OP 97048 (503) 556-7001
 Address or Location Phone

Description of activities requiring a permit from the Department: (Check all that apply.)
 Construct, install or modify waste collection, treatment, or disposal facilities.
 Operate waste collection, treatment, or disposal facilities.
 Discharge treated wastewaters into the waters of the Columbia River
 (Other) _____

B. GENERAL QUESTIONS

1. Have the treatment or disposal methods employed, as indicated in previous applications, been altered in any way since the last application was submitted?
 Yes No (If yes, explain.) The Trojan Nuclear Power Plant was permanently closed in 1993. Numerous plant systems and components have been deactivated resulting in fewer treatment and disposal methods.

2. Has the quantity or quality of wastes discharged, as indicated in previous applications, been significantly changed in any way since the last application was submitted?
 Yes No (If yes, explain.) The Trojan Nuclear Power Plant was permanently closed in 1993. Numerous plant systems and components have been deactivated resulting in a reduction of the quantity of wastes discharged.

C. SPECIAL QUESTIONS AND REQUESTED INFORMATION

1. If any changes in operations or waste quantity or quality are anticipated in the near future, please attach an explanation or proposal.
 2. Please attach a brief report which indicates your progress in meeting the requirements and limitations of your present permit.

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
[Signature] [Title] 5/26/94
 Signature of Owner Title Date
 (Or Legally Authorized Representative)

INSTRUCTION — PERMIT RENEWAL APPLICATION

- A. **Reference Information:** Complete the required information in detail. If there has been a name change, address change or change in personnel since the last application, please make a special note to that effect.
- B. **General Questions:** If more space is needed than provided on the application form, please attach as many additional pages as necessary in order to supply whatever explanation or diagrams are needed to update the treatment and disposal methods used and the characteristics of the waste discharged or otherwise disposed.
- C. **Special Questions and Requested Information:**
1. Please elaborate on any proposed expansions, cutbacks, improvements or changes of any kind which will or may affect the quantity or quality of pollutants discharged.
 2. Each condition of your present permit should be reviewed and an assessment made as to the success you have had in meeting the requirements and limitations.

Signature on Application:

The person who signs the application form will often be the applicant himself; when another person signs on behalf of the applicant, his title or relationship to the applicant should be shown in the space provided. In all cases, the persons signing the form should be authorized to do so by the applicant. An application submitted by a corporation must be signed by a principal executive officer of at least the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge(s) described in the form originate. In the case of a partnership or a sole proprietorship, the application must be signed by a general partner or the proprietor, respectively. In the case of a municipal, State, Federal or other public facility, the application must be signed by either a principal executive officer, ranking elected official or other duly authorized employee.

Other Instructions:

Submit this application as soon as possible. It should be submitted at least 180 days prior to the expiration of your present permit.

All Permit Applications are to be submitted to:

Department of Environmental Quality
Business Office
811 S.W. Sixth Avenue
Portland, OR 97204

Please print or type in the unshaded areas only.

FORM
2C
NPDES



U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND 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	N46	02	30	W122	52	00	Columbia River
002	N46	02	15	W122	52	00	Columbia River
003	N46	02	00	W122	53	15	Recreation Lake

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	
	3. OPERATION (list)	4. AVERAGE FLOW (include units)	5. DESCRIPTION	6. LIST CODES FROM TABLE 2C-1
001	See Attachment		See Attachment	2E 2F 2K 4A
002	Sanitary wastes are treated in a sequential batch reactor		Aeration, aerobic, digestion, screening, settling, chlorination	2F 3E 3A 4A
003	Miscellaneous drainage. Stormwater runoff	Less than 500 gallons per day	Discharge to Recreation Lake	4A

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	

III. MAXIMUM 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 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 maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. MAXIMUM QUANTITY			2. AFFECTED OUTFALLS (list outfall numbers)
A. QUANTITY PER DAY	B. UNITS OF MEASURE	C. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of waste-water treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.
 YES (complete the following table) NO (go to Item IV-B)

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

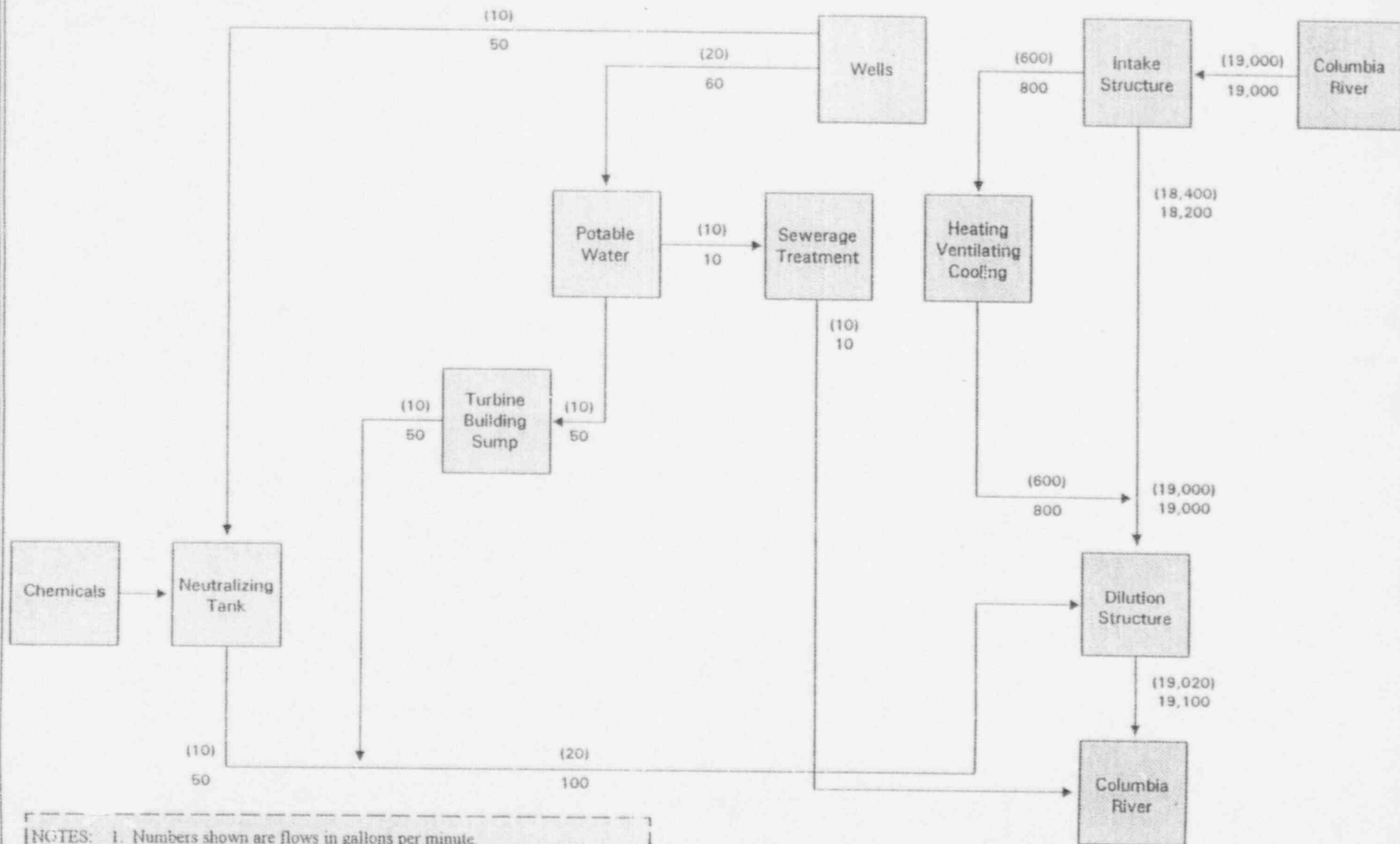
B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned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

OUTFALL 001

The Service Water System provides auxiliary cooling and makeup to the plant. A majority of the flow passes through a heat exchanger for component cooling water. This system provides non-contact cooling water for nuclear auxiliary systems. A small flow is used for domestic water and makeup water to various systems. In addition, a small flow provides non-contact cooling for lube oil coolers, air coolers, after coolers and distillate coolers. After passing through the component cooling water heat exchanger, the flow enters the upper chamber of the dilution/discharge structure, overflows to the dilution chamber, and mixes with other effluents from the plant.

In addition, the dilution/discharge structure receives flows from the following sources: Bearing cooling water heat exchangers, steam generator blowdown, neutralizing tank discharge, potable water treatment drain, plant liquid rad waste treatment system and service water strainers flush system.

Water Flow - Trojan Nuclear Plant



NOTES: 1. Numbers shown are flows in gallons per minute.
 2. Numbers in parentheses represent normal operating conditions.
 3. Nonparentheses numbers represent warm weather operating conditions.

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 discharge or on receiving water in relation to your discharge within the last 3 years?
 YES (Identify the tests and state their purposes below) NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

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

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

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Coffey Labs	4914 NE 122nd Portland OR 97230	(503) 254-1794	Thallium
Water, Food, and Research Laboratories	13035 SW Pacific Hwy Tigard OR 97219	(503) 639-9311	TOC Phenols

IX. CERTIFICATION

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 individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. PHONE NO. (area code & no.)
C. SIGNATURE	D. DATE SIGNED

INTAKE AND EFFLUENT CHARACTERISTICS

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

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

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
None			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Is any pollutant listed in Item V-C a substance or a component of a substance which you do or expect that you will over the next 5 years use or manufacture as an intermediate or final product or byproduct?

YES (list all such pollutants below)

NO (go to Item VI-B)

B. Are your operations such that your raw materials, processes, or products can reasonably be expected to vary so that your discharges of pollutants may during the next 5 years exceed two times the maximum values reported in Item V?

YES (complete Item VI-C below)

NO (go to Section VII)

C. If you answered "Yes" to Item VI-B, explain below, and describe in detail the sources and expected levels of such pollutants which you anticipate will be discharged from each outfall over the next 5 years, to the best of your ability at this time. Continue on additional sheets if you need more space.

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.

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

OR-002345-1

Form Approved OMB No. 158-R0173

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

OUTFALL NO.

001

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

1. POLLUTANT	2. EFFLUENT						4. 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	3. 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)	1.7	666	NA	NA	NA	NA	EST	mg/L	1b/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	<25	9788	NA	NA	NA	NA	EST	mg/L	1b/day	NA	NA	NA
c. Total Organic Carbon (TOC)	3.6	999	NA	NA	NA	NA	1	mg/L	1b/day	NA	NA	NA
d. Total Suspended Solids (TSS)	<200	78302	NA	NA	NA	NA	EST	mg/L	1b/day	NA	NA	NA
e. Ammonia (as N)	<0.01	NA	NA	NA	NA	NA	24	mg/L	NA	NA	NA	NA
f. Flow	VALUE 63.5	VALUE 52.9	VALUE 51.3			cont 4 mo.		MGE	NA	VALUE NA	NA	
g. Temperature (winter)	VALUE 18.3	VALUE 14.4	VALUE 11.6			cont 7 mo.		°C		VALUE NA	NA	
h. Temperature (summer)	VALUE 25.0	VALUE 24.0	VALUE 20.3			cont 6 mo.		°C		VALUE NA	NA	
i. pH	MINIMUM 7.2	MAXIMUM 8.5	MINIMUM 7.2	MAXIMUM 8.5			cont 4 mo.	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. 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. 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	3. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)	(2)	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	X										NA	NA	NA	
b. Chlorine, Total Residual	X		Effluent dechlorinated. No detectable chlorine.						cont	mg/L	NA	NA	NA	NA
c. Color	X										NA	NA	NA	
d. Fecal Coliform	X										NA	NA	NA	
e. Fluoride (16984-48-8)	X										NA	NA	NA	
f. Nitrate-Nitrite (as N)	X										NA	NA	NA	

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, non-process wastewater outfalls, and non-required 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 to be absent. If you mark either columns 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (*all seven 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. INITIALS AND DATES			
	A. TESTING EQUIP. ID.	B. RE-INDUSTRY SENT	C. RE-INDUSTRY SENT	6. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		E. LONG TERM AVG. VALUE (if available)		F. NO. OF ANALYSES	G. CONCENTRATION	H. MASS	I. DATE		J. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				11-11-85	11-11-85	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	0.2	55.5	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
2M. Arsenic, Total (7440-38-2)			X	0.002	0.6	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
3M. Beryllium, Total (7440-41-7)			X	0.005	1.4	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
4M. Cadmium, Total (7440-43-8)			X	0.005	1.4	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
5M. Chromium, Total (7440-47-3)			X	0.005	13.9	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
6M. Copper, Total (7550-50-8)			X	0.03	8.3	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
7M. Lead, Total (7439-97-6)			X	0.006	1.7	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
8M. Mercury, Total (7439-97-6)			X	0.0002	0.06	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
9M. Nickel, Total (7440-02-0)			X	0.03	8.3	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
10M. Selenium, Total (7782-49-2)			X	0.002	0.6	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
11M. Silver, Total (7440-22-4)			X	0.005	1.4	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
12M. Thallium, Total (7440-28-0)			X	0.02	5.5	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
13M. Zinc, Total (7440-66-6)			X	0.009	2.5	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
14M. Cyanide, Total (57-12-5)			X	.224	62.1	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
15M. Phenols, Total			X	0.5	138.7	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK X		3. EFFLUENT				d. NO. OF ANALYSES	4. UNITS		5. INTAKE <i>(optional)</i>		
	ATKINS	REMOVED	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>			c. LONG TERM AVG. VALUE <i>(if available)</i>		a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	GUIDE	SENT	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS												
1V. Acrolein (107-02-8)												
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. Dichlorodibromomethane (75-27-4)												
13V. Dichlorodifluoromethane (75-71-8)												
14V. 1,1-Dichloroethane (75-34-3)												
15V. 1,2-Dichloroethane (107-06-3)												
16V. 1,1-Dichloroethylene (75-35-4)												
17V. 1,2-Dichloropropane (78-87-5)												
18V. 1,2-Dichloropropylene (542-75-5)												
19V. Ethylbenzene (100-41-4)												
20V. Methyl Bromide (74-83-9)												
21V. Methyl Chloride (74-87-3)												

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND GAS NUM PER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL. YSES
	5. MEASUREMENT METHOD	6. CONC. UNIT	(1) CONCENTRATION	(2) MASS	a. CONCENTRATION	b. MASS	LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	
GC/MS FRACTION -- VOLATILE COMPOUNDS (continued)									
22V. Methylene Chloride (76-09-2)									
23V. 1,1,2,2-Tetra-chloroethane (79-34-5)									
24V. Tetrachloro-ethylene (127-18-4)									
25V. Toluene (108-88-3)									
26V. 1,2-Trans-Dichloroethylene (156-60-5)									
27V. 1,1,1-Tril-chloroethane (71-55-6)									
28V. 1,1,2-Tril-chloroethane (79-00-5)									
29V. Trichloro-ethylene (79-01-6)									
30V. Trichloro-fluoromethane (75-69-4)									
31V. Vinyl Chloride (75-01-4)									
GC/MS FRACTION -- ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)									
2A. 2,4-Dichloro-phenol (120-83-2)									
3A. 2,4-Dimethyl-phenol (105-67-9)									
4A. 4,6-Dinitro-O-Cresol (534-52-1)									
5A. 2,4-Dinitro-phenol (51-28-5)									
6A. 2-Nitrophenol (88-75-5)									
7A. 4-Nitrophenol (100-02-7)									
8A. P-Chloro-M-Cresol (59-60-7)									
9A. Pentachloro-phenol (87-86-6)									
10A. Phenol (108-95-2)									
11A. 2,4,6-Tril-chlorophenol (88-06-2)									

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT NAME AND CAS NO.	2. MARK (K, L, S, T, U, V, W, X, Y, Z)	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		a. MAXIMUM DAILY VALUE (if available)	b. LONG TERM AVG VALUE (if available)	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	b. NO. OF ANAL YSES
18. Benzene (71-43-2)							
28. Acetone (67-64-1)							
36. Anthracene (120-127-1)							
48. Benzofuran (92-57-6)							
56. Benzofuran Anthracene (56-55-3)							
66. Benzofuran Pyrene (50-32-8)							
78. 3,4-Benzofluoranthene (206-99-2)							
86. Benzofuran Pyrene (191-24-2)							
96. Benzofuran Fluoranthene (207-08-9)							
106. 1,2,3,4-Chlorofluoranthene (111-91-1)							
116. 1,2,3,4-Chlorofluoranthene (111-44-4)							
126. 1,2,3,4-Chlorofluoranthene (139636-32-9)							
136. 1,2,3,4-Chlorofluoranthene (177-81-7)							
146. 4-Bromodiphenyl Ether (101-88-3)							
156. Diphenyl Ether (101-88-3)							
166. 2-Chloro-1,4-naphthalene (191-58-7)							
176. 4-Chlorodiphenyl Ether (1005-72-3)							
186. 1,2-Dichlorobenzene (95-50-1)							
196. 1,3-Dichlorobenzene (641-31-1)							
206. 1,4-Dichlorobenzene (95-50-1)							
216. 1,2,3,4-Tetrachlorobenzene (641-31-1)							
This entire page is non-applicable as none of these compounds are believed to be present							

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS	5. INTAKE (optional)					
	A. YES NO N/A Q ED	B. SE- LIV VOL PRE- SENT	C. RE- LIV VOL PRE- SENT	8. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVRG. VALUE (if available)			H. NO. OF ANALYSES	A. CONCEN- TRATION	B. MASS	3. 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)																
23B. 3,3'-Dichlorobenzidine (91-94-1)																
24B. Diethyl Phthalate (84-66-2)																
25B. Dimethyl Phthalate (131-11-3)																
26B. Di-N-Butyl Phthalate (84-74-2)																
27B. 2,4-Dinitrotoluene (121-14-2)																
28B. 2,6-Dinitrotoluene (606-20-2)																
29B. Di-N-Octyl Phthalate (117-84-0)																
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)																
31B. Fluoranthene (206-44-0)																
32B. Fluorene (86-73-7)																
33B. Hexachlorobenzene (116-71-1)																
34B. Hexachlorobutadiene (87-68-3)																
35B. Hexachlorocyclopentadiene (77-47-4)																
36B. Hexachloroethane (67-72-1)																
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)																
38B. Isophorone (78-59-1)																
39B. Naphthalene (91-20-3)																
40B. Nitrobenzene (98-95-3)																
41B. N-Nitrosodimethylamine (62-75-9)																
42B. N-Nitrosodi-N-Propylamine (62-64-7)																

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING METHOD	b. RELEVANT PERCENT	c. RELEVANT PERCENT	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)															
43B. N-Nitrosodiphenylamine (86-30-6)															
44B. Phenanthrene (85-01-8)															
45B. Pyrene (129-00-0)															
46B. 1,2,4-Trichlorobenzene (120-82-1)															
This entire page is non-applicable as none of these compounds are believed to be present.															
GC/MS FRACTION - PESTICIDES															
1P. Atralin (309-00-2)															
2P. α -BHC (319-84-6)															
3P. β -BHC (319-85-7)															
4P. γ -BHC (58-89-9)															
5P. δ -BHC (319-86-8)															
6P. Chlordane (57-74-9)															
7P. 4,4'-DDT (50-29-3)															
8P. 4,4'-DDE (72-55-0)															
9P. 4,4'-DDD (72-54-8)															
10P. Dieldrin (60-57-1)															
11P. α -Endosulfan (115-29-7)															
12P. β -Endosulfan (115-29-7)															
13P. Endosulfan Sulfate (1031-07-8)															
14P. Endrin (72-20-8)															
15P. Endrin Aldehyde (7421-93-4)															
16P. Heptachlor (76-44-8)															

EPA I.D. NUMBER (copy from Item 1 of Form 1) **OR-002345-1** OUTFALL NUMBER **001**

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if applicable)	2. MARK 'X' TESTING REQUIRED BY STATE OR FED.	3. EFFLUENT		4. UNITS		5. INTAKE (if optional)	
		8. MAXIMUM DAILY VALUE CONCENTRATION (1)	5. MAXIMUM 30 DAY VALUE CONCENTRATION (1)	9. CONCEN- TRATION	6. MASS	7. LONG TERM AVERAGE VALUE (1) CONCEN- TRATION (2) MASS	8. NO. OF ANAL- YSES
GC/MS FRACTION -- PESTICIDES (continued)							
17P. Heptachlor Epoxide (102457-3)							
18P. PCB-1242 (53469-21-6)							
19P. PCB-1254 (11097-69-1)							
20P. PCB-1221 (11104-28-2)							
21P. PCB-1232 (11141-16-5)							
22P. PCB-1248 (12672-29-6)							
23P. PCB-1260 (11098-82-5)							
24P. PCB-1016 (12674-11-2)							
25P. Toxaphene (8001-36-2)							
This entire page is non-applicable as none of these compounds are believed to be present.							

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

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

OR-002345-1

Form Approved OMB No. 158-R0173

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

OUTFALL NO
001

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

1. POLLUTANT	2. EFFLUENT						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	3. 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)	1.7	666	NA	NA	NA	NA	EST	mg/L	lb/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	<25	9788	NA	NA	NA	NA	EST	mg/L	lb/day	NA	NA	NA
c. Total Organic Carbon (TOC)	3.6	999	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
d. Total Suspended Solids (TSS)	<200	78302	NA	NA	NA	NA	EST	mg/L	lb/day	NA	NA	NA
e. Ammonia (as N)	<0.01	NA	NA	NA	NA	NA	24	mg/L	NA	NA	NA	NA
f. Flow	VALUE 63.5		VALUE 52.9		VALUE 51.3		cont 4 mo.	MGD	NA	VALUE NA	NA	NA
g. Temperature (winter)	VALUE 18.3		VALUE 14.4		VALUE 11.6		cont 7 mo.	°C		VALUE NA	NA	NA
h. Temperature (summer)	VALUE 25.6		VALUE 24.0		VALUE 20.3		cont 6 mo.	°C		VALUE NA	NA	NA
i. pH	MINIMUM 7.2	MAXIMUM 8.5	MINIMUM 7.2	MAXIMUM 8.5	X		cont 4 mo.	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 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. 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	3. 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										NA	NA	NA
b. Chlorine, Total Residual		X	Effluent dechlorinated. No detectable chlorine.						cont	mg/L	NA	NA	NA	NA
c. Color		X										NA	NA	NA
d. Fecal Coliform		X										NA	NA	NA
e. Fluoride (16084-48-8)		X										NA	NA	NA
f. Nitrate-Nitrite (as N)		X										NA	NA	NA

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS			5. INTAKE (optional)		
	a. SE-REGISTERED	b. RE-REGISTERED	B. MAXIMUM DAILY VALUE		C. LONG TERM AVG. VALUE (if available)		D. NO. OF ANALYSES	E. CONCENTRATION	F. MASS	A. AVERAGE VALUE		G. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
B. Nitrogen, Total Organic (as N)	X											
B. Oil and Grease	X		1.1	305.1	NA	NA	1	mg/L	1b/day			
C. 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 (7439-89-5)		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 (7440-32-6)		X										

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, non-process wastewater outfalls, and non-required 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 to be absent. If you mark either columns 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven 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. TEST RESULTS			
	A. TESTING EQUIP. USED	B. BELIEVED PRESENT	C. BELIEVED ABSENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		E. LONG TERM AVG. VALUE (if available)		H. NO. OF ANAL. YRS.	I. CONCENTRATION	J. MASS	K. ANAL. METHOD	L. DATE	M. NO. OF ANAL. YRS.
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS						
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	0.2	55.5	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
2M. Arsenic, Total (7440-38-2)			X	0.002	0.6	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
3M. Beryllium, Total (7440-41-7)			X	0.005	1.4	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
4M. Cadmium, Total (7440-43-9)			X	0.005	1.4	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
5M. Chromium, Total (7440-47-3)			X	0.005	13.9	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
6M. Copper, Total (7550-50-8)			X	0.03	8.3	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
7M. Lead, Total (7439-97-6)			X	0.006	1.7	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
8M. Mercury, Total (7439-97-6)			X	0.0002	0.06	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
9M. Nickel, Total (7440-02-0)			X	0.03	8.3	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
10M. Selenium, Total (7782-49-2)			X	0.002	0.6	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
11M. Silver, Total (7440-22-4)			X	0.005	1.4	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
12M. Thallium, Total (7440-28-0)			X	0.02	5.5	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
13M. Zinc, Total (7440-66-6)			X	0.009	2.5	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
14M. Cyanide, Total (57-12-5)			X	.224	62.1	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
15M. Phenols, Total			X	0.5	138.7	NA	NA	NA	NA	1	mg/L	lb/day	NA	NA	NA
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1784-01-6)			X	DESCRIBE RESULTS											

1. POLLUTANT AND CASE NUMBER (if available)	2. MARK X			3. EFFLUENT				4. UNITS		5. INTAKE (optional)					
	STREET ADDRESS	C.B.E. PRESENT	C.B.E. ASSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - 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. Chloro dibromomethane (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 (75-71-6)															
14V. 1,1-Dichloroethane (75-34-3)															
15V. 1,2-Dichloroethane (107-06-2)															
16V. 1,1-Dichloroethylene (75-35-4)															
17V. 1,2-Dichloropropene (78-87-6)															
18V. 1,2-Dichloropropylene (542-75-5)															
19V. Ethylbenzene (100-41-4)															
20V. Methyl Bromide (74-83-9)															
21V. Methyl Chloride (74-87-3)															

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		6. NO. OF ANAL. YSES
	5. NO. OF INVESTIGATIONS	6. NO. OF TESTS	7. MAXIMUM DAILY VALUE (if applicable)	8. LONG TERM AVERAGE VALUE (if applicable)	9. CONCENTRATION	10. MASS	11. CONCENTRATION	12. MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)									
22V. Methylene Chloride (75-09-2)									
23V. 1,1,2,2-Tetrachloroethane (79-34-5)									
24V. Tetrachloroethylene (127-18-4)									
25V. Toluene (108-88-3)									
26V. 1,2-Trans-Dichloroethylene (155-60-5)									
27V. 1,1,1-Trichloroethane (71-85-6)									
28V. 1,1,2-Trichloroethane (78-00-5)									
29V. Trichloroethylene (79-01-6)									
30V. Trichlorofluoromethane (75-85-4)									
31V. Vinyl Chloride (75-01-4)									
GC/MS FRACTION - ACID COMPOUNDS									
1A. 2-Chlorophenol (95-57-8)									
2A. 2,4-Dichlorophenol (120-83-2)									
3A. 2,4-Dimethylphenol (105-67-9)									
4A. 4,6-Dinitro-Cresol (534-52-1)									
5A. 2,4-Dinitrophenol (51-28-5)									
6A. 2-Nitrophenol (88-75-5)									
7A. 4-Nitrophenol (100-02-7)									
8A. P-Chloro-M-Cresol (59-50-7)									
9A. Pentachlorophenol (67-88-5)									
10A. Phenol (108-95-2)									
11A. 2,4,6-Trichlorophenol (88-06-2)									
This entire page is non-applicable as none of these compounds are believed to be present.									

1. POLLUTANT AND CAS NUMBER	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)					
	A. TEST METHOD	B. BELIEVED PRESENT	C. BELIEVED ABSENT	D. MAXIMUM DAILY VALUE		E. MAXIMUM 30 DAY VALUE (if available)		F. LONG TERM AVG. VALUE (if available)		G. NO. OF ANALYSES	H. CONCENTRATION	I. MASS	J. LONG TERM AVERAGE VALUE		K. 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															
15. Acenaphthene (83-32-9)															
25. Acenaphthylene (208-98-9)															
35. Anthracene (120-12-7)															
45. Benzofluorene (92-87-5)															
55. Benzo(a) Anthracene (56-55-3)															
65. Benzo(b) Fluorene (50-32-9)															
75. 3,4-Benzofluoranthene (205-99-2)															
85. Benzo(k) Fluoranthene (181-24-2)															
95. Benzo(a,h) Fluoranthene (207-08-9)															
105. Bis(2-chloroethoxy) Methane (111-91-1)															
115. Bis(2-chloroethyl) Ether (111-44-4)															
125. Bis(2-chloroisopropyl) Ether (39638-32-9)															
135. Bis(2-ethylhexyl) Phthalate (117-81-7)															
145. 4-Bromophenyl Phenyl Ether (101-88-3)															
155. Butyl Benzyl Phthalate (85-68-7)															
165. 2-Chloronaphthalene (91-58-7)															
175. 4-Chlorophenyl Phenyl Ether (7005-72-3)															
185. Chrysene (218-01-9)															
195. Dibenzo(a,h) Anthracene (83-70-3)															
205. 1,2-Dichlorobenzene (95-50-1)															
215. 1,3-Dichlorobenzene (84-17-3)															

This entire page is non-applicable as none of these compounds are believed to be present.

CONTINUED FROM PAGE V-6

OR-002345-1

3. EFFLUENT

D. MAXIMUM 30 DAY VALUE
(1) CONCENTRATION (2) MASS

E. LONG TERM AVERAGE VALUE
(1) CONCENTRATION (2) MASS

F. NO. OF ANALYSES

G. LONG TERM AVERAGE VALUE
(1) CONCENTRATION (2) MASS

H. NO. OF ANALYSES

2. MARK 'X' (if available)

8. MAXIMUM DAILY VALUE
(1) CONCENTRATION (2) MASS

9. LONG TERM AVERAGE VALUE
(1) CONCENTRATION (2) MASS

10. NO. OF ANALYSES

11. LONG TERM AVERAGE VALUE
(1) CONCENTRATION (2) MASS

12. NO. OF ANALYSES

13. LONG TERM AVERAGE VALUE
(1) CONCENTRATION (2) MASS

14. NO. OF ANALYSES

BASE/NEUTRAL COMPOUNDS (continued)

POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		8. MAXIMUM DAILY VALUE		9. LONG TERM AVERAGE VALUE		10. NO. OF ANALYSES		11. LONG TERM AVERAGE VALUE		12. NO. OF ANALYSES		13. LONG TERM AVERAGE VALUE		14. NO. OF ANALYSES	
	EXCEEDS LIMITS	EXCEEDS LIMITS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS
2B, 1,4-Dichlorobenzene (106-46-7)																
3B, 3,3'-Dichlorobenzidine (71-94-1)																
4B, Diethylthalate (14-66-2)																
5B, Dimethylthalate (131-11-3)																
5B, Di-N-Ethylthalate (14-74-2)																
7B, 2,4-Dinitrobenzene (121-14-2)																
8B, 2,6-Dinitrobenzene (605-20-2)																
9B, Di-N-Octylthalate (117-84-0)																
3B, 1,2-Diphenylhydrazine (for Acetophenone) (122-66-7)																
11B, Fluorethene (206-44-0)																
12B, Fluorene (86-73-7)																
13B, Hexachlorobenzene (118-71-1)																
14B, Hexachlorobutadiene (87-68-3)																
15B, Hexachlorocyclopentadiene (77-47-4)																
16B, Hexachloroethane (67-72-1)																
17B, Indeno 1,2,3-cd Pyrene (193-39-5)																
18B, Isophorone (78-59-1)																
19B, Naphthalene (91-20-3)																
20B, Nitrobenzene (98-95-3)																
21B, N-Nitrosodimethylamine (62-75-9)																
22B, N-Nitrosodipropylamine (521-64-7)																

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK X			3. EFFLUENT					4. UNITS		5. INTAKE (optional)				
	A. TEST FREQUENCY	B. BE-ADVERSE PRESENT	C. BE-ADVERSE AMOUNT	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)															
43b. N-Nitrosodiphenylamine (86-30-6)															
44b. Phenylbenzene (85-01-8)															
45b. Pyrene (129-00-0)															
46b. 1,2,4-Trichlorobenzene (120-82-1)															
This entire page is non-applicable as none of these compounds are believed to be present.															
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)															
2P. α -BHC (319-84-6)															
3P. β -BHC (319-85-7)															
4P. γ -BHC (59-89-9)															
5P. δ -BHC (319-86-8)															
6P. Chlordane (57-74-9)															
7P. 4,4'-DDT (50-29-3)															
8P. 4,4'-DDE (72-55-9)															
9P. 4,4'-DDD (72-54-8)															
10P. Dieldrin (50-57-1)															
11P. α -Endosulfan (115-29-7)															
12P. β -Endosulfan (115-29-7)															
13P. Endosulfan Sulfate (1031-07-8)															
14P. Endrin (72-20-8)															
15P. Endrin Aldehyde (7421-93-4)															
16P. Heptachlor (76-44-8)															

EPA I.D. NUMBER (copy from Item 1 of Form 1) **OR-002345-1** OUTFALL NUMBER **001**

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	1. YR. AND PERIOD	2. CAS NO.	3. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	4. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	5. CONCENTRATION	6. MASS	7. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	8. NO. OF ANAL. YSES
GC/MS FRACTION - PESTICIDES (continued)								
17P. Heptachlor Epoxide (1024-57-3)								
18P. PCB-1242 (53469-21-9)								
19P. PCB-1254 (11097-69-1)								
20P. PCB-1221 (11104-28-2)								
21P. PCB-1232 (11141-16-5)								
22P. PCB-1248 (12672-29-6)								
23P. PCB-1260 (11098-82-5)								
24P. PCB-1016 (12674-11-2)								
25P. Toxaphene (8001-35-2)								
			This entire page is non-applicable as none of these compounds are believed to be present.					

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

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

OR-002345-1

Form Approved OMB No. 156-R0173

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

OUTFALL NO.
002

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	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	
a. Biochemical Oxygen Demand (BOD)	62.0	74.5	19.1	6.9	12.9	6.7	39	mg/L	lb/day	NA	NA	NA
b. Chemical Oxygen Demand (COD)	<25	<10.4	NA	NA	NA	NA	EST	mg/L	lb/day	NA	NA	NA
c. Total Organic Carbon (TOC)	4.9	0.9	NA	NA	NA	NA	EST	mg/L	lb/day	NA	NA	NA
d. Total Suspended Solids (TSS)	26.0	13.4	17.3	7.8	8.4	5.3	34	mg/L	lb/day	NA	NA	NA
e. Ammonia (as N)										NA	NA	NA
f. Flow	VALUE 0.151		VALUE 0.077		VALUE 0.053		cont	MGD	NA	VALUE NA		NA
g. Temperature (winter)	VALUE 23.8		VALUE NA		VALUE NA		EST	°C		VALUE NA		NA
h. Temperature (summer)	VALUE 29.4		VALUE NA		VALUE NA		EST	°C		VALUE NA		NA
i. pH	MINIMUM 5.86	MAXIMUM 7.87	MINIMUM 5.86	MAXIMUM 7.71	X		121	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 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. 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	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	
a. Bromide (24959-67-9)		X										NA	NA	NA
b. Chlorine, Total Residual	X		3.0	2.5	0.9	0.6	0.6	0.3	121	mg/L	lb/day	NA	NA	NA
c. Color		X										NA	NA	NA
d. Fecal Coliform	X		<2	NA	<2	NA	<2	NA	6	Number/100 ml	NA	NA	NA	NA
e. Fluoride (16084-48-8)		X										NA	NA	NA
f. Nitrate-Nitrite (as N)		X										NA	NA	NA

1. POLLUTANT AND CAS NO. (if applicable)	2. MARK 'X' a. RE-LEVELLED PER. AS SENT b. YES	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	c. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	d. NO. OF ANAL. YSES	e. CONCENTRATION (1) MASS (2) MASS	f. NO. OF ANAL. YSES
g. Nitrogen, Total Organic (as N)							
h. Oil and Grease							
i. Phosphorus (as P), Total (7723-14-0)							
This entire page is non-applicable as none of these compounds are believed to be present.							
j. Radioactivity							
(1) Alpha, Total							
(2) Beta, Total							
(3) Radium, Total							
(4) Radium 226, Total							
k. Sulfate (as SO ₄) (14800-79-8)							
l. Sulfide (as S)							
m. Sulfite (as SO ₃) (14265-45-3)							
n. Surfactants							
o. Aluminum, Total (7429-90-5)							
p. Barium, Total (7440-39-3)							
q. Boron, Total (7440-42-8)							
r. Cobalt, Total (7440-48-4)							
s. Iron, Total (7439-89-6)							
t. Magnesium, Total (7439-95-4)							
u. Molybdenum, Total (7439-98-7)							
v. Manganese, Total (7439-96-5)							
w. Tin, Total (7440-31-9)							
x. Titanium, Total (7440-32-6)							

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, non-process wastewater outfalls, and non-required 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 to be absent. If you mark either columns 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (*all seven 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		C. LONG TERM AVG. VALUE (if available)		D. NO. OF ANALYSES	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	
METALS, CYANIDE, AND TOTAL PHENOLS													
1M. Antimony, Total (7440-36-0)													
2M. Arsenic, Total (7440-38-2)													
3M. Beryllium, Total (7440-41-7)													
4M. Cadmium, Total (7440-43-9)													
5M. Chromium, Total (7440-47-3)													
6M. Copper, Total (7550-50-8)													
7M. Lead, Total (7439-97-6)													
8M. Mercury, Total (7439-97-6)													
9M. Nickel, Total (7440-02-0)													
10M. Selenium, Total (7782-49-2)													
11M. Silver, Total (7440-22-4)													
12M. Thallium, Total (7440-28-0)													
13M. Zinc, Total (7440-66-6)													
14M. Cyanide, Total (57-12-5)													
15M. Phenols, Total													
DIOXIN													
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)				DESCRIBE RESULTS									

This entire page is non-applicable as none of these compounds are believed to be present.

CONTINUED FROM THE FRONT

1. POLLUTANT NUMBER (if available)	2. MARK 'X' a. TEST METHOD AND EQUIPMENT USED b. REVERSE TEST c. DATE TEST	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		8. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	9. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	10. LONG TERM AVG. VALUE (1) CONCENTRATION (2) MASS	11. NO. OF ANALYSES	12. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	13. NO. OF ANALYSES
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 (58-23-5)							
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-Dichloroethane (75-35-4)							
17V. 1,2-Dichloropropane (78-87-5)							
18V. 1,2-Dichloropropane (542-75-6)							
19V. Ethylbenzene (100-41-4)							
20V. Methyl Bromide (74-83-9)							
21V. Methyl Chloride (74-87-3)							

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	STATE REGULATED TOXIC SUBSTANCE LISTED	CERCLA AND EPCRA TOXIC SUBSTANCE LISTED	B. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	C. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	A. CONCENTRATION	B. MASS	A. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	B. NO. OF ANAL. YSES
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)								
22V. Methylene Chloride (75-09-2)								
23V. 1,1,2,2-Tetra-chloroethane (79-34-5)								
24V. Tetrachloro-ethylene (127-18-4)								
25V. Toluene (108-88-3)								
26V. 1,2-Trans-Dichloroethylene (156-60-5)								
27V. 1,1,1-Trichloroethane (71-55-6)								
28V. 1,1,2-Trichloroethane (79-00-8)								
29V. Trichloro-ethylene (79-01-6)								
30V. Trichloro-fluoromethane (75-69-4)								
31V. Vinyl Chloride (75-01-4)								
GC/MS FRACTION - ACID COMPOUNDS								
1A. 2-Chloropheno (95-57-8)								
2A. 2,4-Dichloro-phenol (120-83-2)								
3A. 2,4-Dimethyl-phenol (105-67-9)								
4A. 4,5-Dinitro-O-Cresol (534-52-1)								
5A. 2,4-Dinitro-phenol (51-28-5)								
6A. 2-Nitrophenol (88-75-5)								
7A. 4-Nitrophenol (100-02-7)								
8A. F.Chloro-M-Cresol (59-50-7)								
9A. Pentachloro-phenol (87-86-5)								
10A. Phenol (108-95-2)								
11A. 2,4,6-Trichlorophenol (88-06-2)								
			This entire page is non-applicable as none of these compounds are believed to be present.					

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	TEST NO.	C.S. (if available)	D. MAXIMUM DAILY VALUE (if available)	E. MAXIMUM 30 DAY VALUE (if available)	F. LONG TERM AVERAGE VALUE (if available)	G. NO. OF ANALYSES	H. CONCENTRATION	I. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	J. NO. OF ANALYSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS									
1B. Acenaphthene (83-32-9)									
2B. Acenaphthylene (206-96-8)									
3B. Anthracene (120-12-7)									
4B. Benzidines (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 isopropyl) Ether (39638-32-8)									
13B. Bis (2-Ethyl hexyl) Phthalate (117-81-7)									
14B. 4-Bromo phenyl Phenyl Ether (101-55-3)									
15B. Butyl Benzyl Phthalate (95-69-7)									
16B. 2-Chloro naphthalene (91-58-7)									
17B. 4-Chloro phenyl Phenyl Ether (7005-72-3)									
18B. Chrysene (218-01-9)									
19B. Dibenz (a,h) Anthracene (53-70-3)									
20B. 1,2-Dichloro benzene (95-50-1)									
21B. 1,3-Dichloro benzene (94-73-1)									

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	h. BY DISCHARGE	k. BY REUSE	5. MAXIMUM 30 DAY VALUE (if available)	6. LONG TERM AVG. VALUE (if available)	a. CONCEN TRATION	b. MASS	a. LONG TERM AVERAGE VALUE (if concen tration)	b. NO. OF ANAL YSES	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) NO. OF ANAL YSES	(2) MASS	(1) MASS	(2) MASS	
22B. 1,4-Dichloro-benzene (106-46-7)									
23B. 3,3'-Dichloro-benzidine (91-94-1)									
24B. Diethyl Phthalate (84-65-2)									
25B. Dimethyl Phthalate (131-11-3)									
26B. Di-N-Butyl Phthalate (84-74-2)									
27B. 2,4-Dinitro-toluene (121-14-2)									
28B. 2,6-Dinitro-toluene (506-20-2)									
29B. Di-N-Octyl Phthalate (117-84-0)									
30B. 1,2-Diphenyl-hydrazine (as Aro-benzene) (122-68-7)									
31B. Fluoranthene (206-44-0)									
32B. Fluorene (86-73-7)									
33B. Hexa-chlorobenzene (118-71-1)									
34B. Hexa-chlorobutadiene (87-68-3)									
35B. Hexachloro-cyclopentadiene (77-47-4)									
36B. Hexachloro-ethane (57-72-1)									
37B. Indeno (1,2,3-cd) Pyrens (193-39-5)									
38B. Isophorone (78-59-1)									
39B. Naphthalene (91-20-3)									
40B. Nitrobenzene (98-95-3)									
41B. N-Nitro-N,N-dimethylethylamine (52-75-9)									
42B. N-Nitrosodi-N-Propylamine (521-64-7)									
This entire page is non-applicable as none of these compounds are believed to be present									

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' (if available)	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		5. MAXIMUM 30 DAY VALUE (if available)	6. LONG TERM AVG VALUE (if available)	7. CONCENTRATION	8. MASS	9. LONG TERM AVERAGE VALUE (if available)	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-Nitrosodiphenylamine (86-30-6)							
44B, Phenanthrene (85-01-9)							
45B, Pyrene (129-00-0)							
46B, 1,2,3,4-Tetrachloro, benzene (129-92-1)							
GC/MS FRACTION - PESTICIDES							
1P, Aldrin (309-00-2)							
2P, α -BHC (319-84-6)							
3P, β -BHC (319-85-7)							
4P, γ -BHC (58-89-9)							
5P, δ -BHC (319-96-8)							
6P, Chlordane (57-74-9)							
7P, 4,4'-DDT (50-29-3)							
8P, 4,4'-DDE (72-55-9)							
9P, 4,4'-DDD (72-54-8)							
10P, Dieldrin (60-57-1)							
11P, α -Endosulfan (115-29-7)							
12P, β -Endosulfan (115-29-7)							
13P, Endosulfan Sulfate (1031-07-8)							
14P, Endrin (72-20-8)							
15P, Endrin Aldehyde (7421-93-4)							
16P, Heptachlor (76-44-8)							

This entire page is non-applicable as none of these compounds are believed to be present.

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TEST METHOD REQUIRED	b. RE-DELIVERED PRESENT	c. RE-DELIVERED ABSENT	b. MAXIMUM DAILY VALUE		d. MAXIMUM 30 DAY VALUE <i>(if available)</i>		e. LONG TERM AVG. VALUE <i>(if available)</i>		f. NO. OF ANALYSES	g. CONCENTRATION	h. MASS	i. LONG TERM AVERAGE VALUE		j. 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)															
18P. PCB-1242 (53469-21-9)															
19P. PCB-1254 (11097-69-1)															
20P. PCB-1221 (11104-28-2)															
21P. PCB-1232 (11141-18-5)															
22P. PCB-1248 (12672-29-6)															
23P. PCB-1260 (11096-82-5)															
24P. PCB-1016 (12674-11-2)															
25P. Toxaphene (8001-35-2)															

This entire page is non-applicable as none of these compounds are believed to be present.

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)

OR-002345-1

Form Approved OMB No. 158-R0173

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

OUTFALL NO
003

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)	<2.0	NA	NA	NA	NA	NA	EST	mg/L	NA	NA	NA	NA
b. Chemical Oxygen Demand (COD)	<25.0	NA	NA	NA	NA	NA	EST	mg/L	NA	NA	NA	NA
c. Total Organic Carbon (TOC)	<5.0	NA	NA	NA	NA	NA	EST	mg/L	NA	NA	NA	NA
d. Total Suspended Solids (TSS)	<20.0	NA	NA	NA	NA	NA	EST	mg/L	NA	NA	NA	NA
e. Ammonia (as N)	<0.01	NA	NA	NA	NA	NA	EST	mg/L	NA	NA	NA	NA
f. Flow	VALUE 500 gal/day	VALUE NA		VALUE NA		EST	mg/L	NA	VALUE NA	NA	NA	NA
g. Temperature (winter)	VALUE 18.0 (EST)	VALUE 14.0 (EST)		VALUE 12.0 (EST)		EST	°C		VALUE NA	NA	NA	NA
h. Temperature (summer)	VALUE 25.0 (EST)	VALUE 24.0 (EST)		VALUE 20.0 (EST)		EST	°C		VALUE NA	NA	NA	NA
i. pH	MINIMUM 6.80	MAXIMUM 8.02	MINIMUM NA	MAXIMUM NA	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 2-a for any pollutant, you must provide the results of at least one analysis for that pollutant. 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. PRESENT	b. 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 (24959-57-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (14800-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS				5. INTAKE (optional)					
	a. USE OF EFFLUENT	b. USE OF EFFLUENT	c. MAXIMUM DAILY VALUE		d. MAXIMUM 30 DAY VALUE		e. LONG TERM AVERAGE VALUE		f. CONCENTRATION		g. CONCENTRATION		h. AVERAGE VALUE		i. NO. OF ANAL. YSES	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) 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		0.9	NA	NA	NA	NA	NA	mg/L							
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) (14285-45-3)	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 (7440-46-2)	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 (7440-32-6)	X															

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, non-process wastewater outfalls, and non-required 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 to be absent. If you mark either columns 2-a or 2-b for any pollutant, you must provide the results of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (*all seven pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TEST RE-QUIR-ED	b. RE-QUIRED	c. RE-QUIRED	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		f. NO OF ANAL YSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO OF ANAL YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
15M. Antimony, Total (7440-36-0)															
2M. Arsenic, Total (7440-38-2)															
3M. Beryllium, Total (7440-41-7)															
4M. Cadmium, Total (7440-43-9)															
5M. Chromium, Total (7440-47-3)															
6M. Copper, Total (7550-50-8)															
7M. Lead, Total (7439-97-6)															
8M. Mercury, Total (7439-97-6)															
9M. Nickel, Total (7440-02-0)															
10M. Selenium, Total (7782-49-2)															
11M. Silver, Total (7440-22-4)															
12M. Thallium, Total (7440-28-0)															
13M. Zinc, Total (7440-66-6)															
14M. Cyanide, Total (57-12-5)															
15M. Phenols, Total															
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1754-01-6)				DESCRIBE RESULTS											

This entire page is non-applicable as none of these compounds are believed to be present.

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 ASSENT	8. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	8. CONC. TRATION	b. MASS	9. 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															
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 (67-63-3)															
12V. Dichlorobromomethane (75-27-4)															
13V. Dichlorodifluoromethane (75-71-8)															
14V. 1,1-Dichloroethene (75-34-3)															
15V. 1,2-Dichloroethane (107-06-2)															
16V. 1,1-Dichloroethylene (75-35-4)															
17V. 1,2-Dichloropropane (78-27-5)															
18V. 1,2-Dichloropropene (542-75-6)															
19V. Ethylbenzene (100-41-4)															
20V. Methyl Bromide (74-83-9)															
21V. Methyl Chloride (74-87-3)															

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. YES b. NO c. UNK d. RECD e. TEST f. DATE	3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
		a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	a. CONCENTRATION b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	b. NO. OF ANAL. YSES	a. NO. OF ANAL. YSES
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)							
22V. Methylene Chloride (75-09-2)							
23V. 1,1,2,2-Tetrachloroethane (79-34-5)							
24V. Tetrachloroethylene (127-18-4)							
25V. Toluene (108-88-3)							
26V. 1,2-Trans-Dichloroethylene (156-60-5)							
27V. 1,1,1-Trichloroethane (71-95-6)							
28V. 1,1,2-Trichloroethane (79-00-5)							
29V. Trichloroethylene (79-01-9)							
30V. Trichlorofluoromethane (75-69-4)							
31V. Vinyl Chloride (75-01-4)							
GC/MS FRACTION - ACID COMPOUNDS							
1A. 2-Chloropheno (95-57-8)							
2A. 2,4-Dichloropheno (120-83-2)							
3A. 2,4-Dimethylpheno (105-57-9)							
4A. 4,6-Dinitro-O-Cresol (534-52-1)							
5A. 2,4-Dinitrophenol (51-28-9)							
5A. 2-Nitrophenol (88-75-5)							
7A. 4-Nitrophenol (100-02-7)							
8A. P-Chloro-M-Cresol (59-50-7)							
9A. Pentachloropheno (87-86-5)							
10A. Phenol (108-95-2)							
11A. 2,4,6-Trichloropheno (88-05-2)							

This entire page is non-applicable as none of these compounds are believed to be present.

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	USE	USE	CONCENTRATION	(g) MASS	CONCENTRATION	(g) MASS	CONCENTRATION	(g) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS	USE	USE	CONCENTRATION	(g) MASS	CONCENTRATION	(g) MASS	CONCENTRATION	(g) MASS
1E: Atsaphthene (83-32-9)								
2E: Acenaphthene (208-96-5)								
3E: Anthracene (120-12-7)								
4E: Benzidine (92-87-5)								
5E: Benzo (a) Anthracene (56-85-3)								
6E: Benzo (e) Pyrene (60-32-8)								
7E: 3,4-Benzo fluoranthene (205-98-2)								
8E: Benzo (ghi) Perylene (191-24-2)								
9E: Benzo (k) Fluoranthene (267-58-9)								
10E: Bis (2-Chloroethoxy) Methane (111-91-1)								
11E: Bis (2-Chloroethyl) Ether (111-44-4)								
12E: Bis (2-Chloro-propyl) Ether (39638-32-9)								
13E: Bis (2-Ethylhexyl) Phthalate (117-61-7)								
14E: 4-Bromo-phenyl Phenyl Ether (101-55-3)								
15E: Butyl Benzyl Phthalate (95-68-7)								
16E: 2-Chloro-naphthalene (91-58-7)								
17E: 4-Chloro-phenyl Phenyl Ether (7005-72-3)								
18E: Chrysene (218-01-9)								
19E: Dibenz (a,h) Anthracene (53-70-3)								
20E: 1,2-Dichlorobenzene (95-50-1)								
21E: 1,3-Dichlorobenzene (541-78-2)								

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	MARK 'X' OVER 1000 PPM	MARK 'X' OVER 100 PPM	8. MAXIMUM DAILY VALUE (1) MASS CONCENTRATION	5. MAXIMUM 30 DAY VALUE (if available) (1) MASS CONCENTRATION	3. LONG TERM AVERAGE VALUE (if available) (1) MASS CONCENTRATION	4. MASS	5. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	6. NO. OF ANAL YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)								
22B, 1,4-Dichlorobenzene (105-46-7)								
23B, 3,3-Dichlorobenzidine (91-94-1)								
24B, Diethyl Phthalate (84-66-2)								
25B, Dimethyl Phthalate (131-11-3)								
26B, Di-N-Butyl Phthalate (84-74-2)								
27B, 2,4-Dinitrotoluene (121-14-2)								
28B, 2,6-Dinitrotoluene (606-20-2)								
29B, Di-N-Octyl Phthalate (117-84-0)								
30B, 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)								
31B, Fluoranthene (206-44-0)								
32B, Fluorene (86-73-7)								
33B, Hexachlorobenzene (118-71-1)								
34B, Hexachlorobutadiene (87-68-3)								
35B, Hexachlorocyclopentadiene (77-47-4)								
36B, Hexachloroethene (67-23-1)								
37B, Indeno (1,2,3-cd) Pyrene (193-39-5)								
38B, Isophorone (78-59-1)								
39B, Naphthalene (91-20-3)								
40B, Nitrobenzene (98-95-3)								
41B, N-Nitrosodipropylamine (62-75-9)								
42B, N-Nitrosodipropylamine (62-164-7)								

This entire page is non-applicable as none of these compounds are believed to be present.

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK X		3. EFFLUENT		4. UNITS		5. INTAKE (optional)		
	REP. CONC. (ppm)	REP. CONC. (ppb)	5. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	6. MAXIMUM 30 DAY VALUE (1) CONCENTRATION (2) MASS	7. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	8. CONCENTRATION	9. MASS	10. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	11. NO. OF ANAL. YSES
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)									
43B. N-Nitrosodiphenylamine (86-30-5)									
44B. Phenanthrene (85-01-8)									
45B. Pyrene (129-00-0)									
46B. 1,2,4-Trichlorobenzene (120-82-1)									
GC/MS FRACTION - PESTICIDES									
1P. Aldrin (309-00-2)									
2P. α -BHC (1319-84-8)									
3P. β -BHC (1319-85-7)									
4P. γ -BHC (58-83-9)									
5P. Chlorobenzene (57-74-9)									
7P. α , α' -DDT (50-29-3)									
8P. 4,4'-DDE (72-55-9)									
9P. 4,4'-DDE (72-54-8)									
10P. Dieldrin (80-57-1)									
11P. α -Endosulfan (115-29-7)									
12P. β -Endosulfan (115-29-7)									
13P. Endosulfan Sulfate (1031-07-8)									
14P. Endrin (72-20-8)									
15P. Endrin Aldehyde (7421-93-4)									
16P. Heptachlor (76-44-8)									

This entire page is non-applicable as none of these compounds are believed to be present.

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	A. TESTING EQUIPMENT	B. BELIEVED PRESENT	C. OBSERVED AS PRESENT	8. MAXIMUM DAILY VALUE		9. MAXIMUM 30 DAY VALUE <i>(if available)</i>		10. LONG TERM AVG. VALUE <i>(if available)</i>		11. NO. OF ANALYSES	12. CONCENTRATION	13. MASS	14. LONG TERM AVERAGE VALUE		15. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
C/MJ FRACTION - PESTICIDES (continued)															
7P. Heptachlor oxide (024-57-3)															
3P. PCB-1242 (3489-21-9)															
9P. PCB-1254 (1097-59-1)															
0P. PCB-1221 (1104-28-2)															
1P. PCB-1232 (1141-16-5)															
2P. PCB-1248 (2672-29-6)															
3P. PCB-1260 (1098-82-5)															
4P. PCB-1016 (2674-11-2)															
5P. Toxaphene (1001-35-2)															

This entire page is non-applicable as none of these compounds are believed to be present.