Steven L. Beshear
Governor

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

Robert D. Vance
Secretary

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601
PHONE (502) 564 – 3410
FAX (502) 564 – 5105
www.kentucky.gov

March 17, 2008

Mr. David Robinson
Jericol Mining, Inc.
General Delivery
Holmes Mill, KY 40843

Re: KPDES Application Complete
KPDES No.: KY0003450
jericol Minig Inc - Glenbrook Prep Plant
AI ID: 1728
Activity ID: APE20070001
Harlan County, Kentucky

Dear Mr. Robinson,

Your revised Kentucky Pollutant Discharge Elimination System (KPDES) permit application for the above-referenced facility was received by the Division of Water on November 28, 2007. A completeness review of your permit application has been conducted. Please be aware that you may be asked to provide additional information to clarify, modify, or supplement your application material. In accordance with 401 KAR 5:075, Section 1(7) you are being provided written notification that your application has been deemed complete as of the date of this letter.

If you have any questions concerning this matter, please call me at (502) 564-8158, extension 652.

Sincerely,

Allen Ingram II
Environmental Engineer Assistant I
KPDES Branch
Division of Water

ALI
Enclosures
c: London Regional Office
Division of Water Files

KPDES FORM 1

AI:

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

NOV 28 2007

PERMIT APPLICATION

This is an application to: (check one)

- ☐ Apply for a new permit.
- ☒ Apply for reissuance of expiring permit.
- ☐ Apply for a construction permit.
- ☐ Modify an existing permit.
  Give reason for modification under Item II.A.

A complete application consists of this form and one of the following:
Form A, Form B, Form C, Form F, or Short Form C

For additional information contact: #3,200.00
KPDES Branch (502) 564-3410

I. FACILITY LOCATION AND CONTACT INFORMATION	AGENCY USE	0	0	0	3	4	5	0

A. Name of business, municipality, company, etc. requesting permit: Jericol Mining, Inc.

B. Facility Name and Location	C. Facility Owner/Mailing Address
Facility Location Name: Glenbrook Prep Plant	Owner Name: Jericol Mining, Inc.
Facility Location Address (i.e. street, road, etc.): KY 38 @ Glenbrook	Mailing Street: General Delivery
Facility Location City, State, Zip Code: Holmes Mill, KY 40843	Mailing City, State, Zip Code: Holmes Mill, KY 40843
	Telephone Number: 606-837-9398

II. FACILITY DESCRIPTION

A. Provide a brief description of activities, products, etc:

Processing and loading

B. Standard Industrial Classification (SIC) Code and Description

Principal SIC Code & Description:	1211, Coal Processing and loading		
Other SIC Codes:			

III. FACILITY LOCATION

A. Attach a U.S. Geological Survey 7 ½ minute quadrangle map for the site. (See instructions)

B. County where facility is located: Harlan	City where facility is located (if applicable): Holmes Mill
C. Body of water receiving discharge: Clover Fork Creek	
D. Facility Site Latitude (degrees, minutes, seconds): 36-52-48	Facility Site Longitude (degrees, minutes, seconds): 82-55-32
E. Method used to obtain latitude & longitude (see instructions): topo Map	
F. Facility Dun and Bradstreet Number (DUNS #) (if applicable): NA	

Revised June 1999

IV. OWNER/OPERATOR INFORMATION

A. Type of Ownership:
☐ Publicly Owned ☒ Privately Owned ☐ State Owned ☐ Both Public and Private Owned ☐ Federally owned

B. Operator Contact Information (See instructions)

Name of Treatment Plant Operator: Jericol Mining, Inc.	Telephone Number: 606-837-9398
Operator Mailing Address (Street): General Delivery	
Operator Mailing Address (City, State, Zip Code): Holmes Mill, KY 40843	
Is the operator also the owner? Yes ☒ No ☐	Is the operator certified? If yes, list certification class and number below. Yes ☐ No ☒
Certification Class:	Certification Number:

V. EXISTING ENVIRONMENTAL PERMITS

Current NPDES Number: KY 0003450	Issue Date of Current Permit: 8/01/05	Expiration Date of Current Permit: 6/30/08
Number of Times Permit Reissued: 2	Date of Original Permit Issuance: 6/01/94	Sludge Disposal Permit Number: NA
Kentucky DOW Operational Permit #: NA	Kentucky DSMRE Permit Number(s): 648-8001	

C. Which of the following additional environmental permit/registration categories will also apply to this facility?

CATEGORY	EXISTING PERMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE
Air Emission Source	1011164000 14	Yes
Solid or Special Waste	NA	NA
Hazardous Waste - Registration or Permit	NA	NA

VI. DISCHARGE MONITORING REPORTS (DMRs)

KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). The information in this section serves to specifically identify the department, office or individual you designate as responsible for submitting DMR forms to the Division of Water.

A. Name of department, office or official submitting DMRs:	Jericol Engineering Department
B. Address where DMR forms are to be sent. (Complete only if address is different from mailing address in Section I.)	
DMR Mailing Name:	Jericol Mining, Inc.
DMR Mailing Street:	KY 38 @ Glenbrook
DMR Mailing City, State, Zip Code:	Holmes Mill, KY 40843
DMR Official Telephone Number:	606-837-9398

VII. APPLICATION FILING FEE

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount. Descriptions of the base fee amounts are given in the "General Instructions."

Facility Fee Category:	Filing Fee Enclosed:
Major Industry	$3,200

VIII. 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.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
David W. Robinson Project Manager	276-546-5485
SIGNATURE: David W. Robinson	DATE: 11/20/07

KPDES FORM SC

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

NOV 28 2007

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact: KPDES Branch, (502) 564-3410.

NAME OF FACILITY:

I. FACILITY DISCHARGE FREQUENCY	AGENCY USE							

A. Do discharge(s) occur all year? Yes ☐ No ☒
(Complete Item IX for intermittent discharges.)

B. How many days per week? 0

II. A. Give the basis of design for sizing of the wastewater facility (see instructions): As this facility has been in existance since the early 1950's the exact design is not known. As the closes ground water is 2 miles from the site, it was designed not to service any population.

B. If new discharger, indicate anticipated discharge date: NA

C. Indicate the design capacity of the treatment system: 1.5 MGD

III. Outfall Location (see instructions)

Outfall (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
RF	36	53	05	82	55	32	Cloverfork Creek
2	36	52	57	82	55	53	
10	36	52	33	82	56	10	
10A	36	52	48	82	56	21	
11	36	52	39	82	55	55	

Method used to obtain latitude/longitude (i.e. GPS unit, USGS topographic map coordinates, etc.): topo Map

IV. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (see instructions)
If wastewater other than domestic or sanitary is listed, complete page 4 in addition to page 1 and 2.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	List treatment components	List Codes from Table SC-1
RF	Surface Runoff	NA	Sedimentation	NA
2	Surface Runoff	NA	Sedimentation	NA
10	Surface Runoff	NA	Sedimentation	NA
10A	Surface Runoff	NA	Sedimentation	NA
11	Surface Runoff	NA	Sedimentation	NA

V. Check the type(s) of wastewater discharged.

☐ Domestic (60% or more sanitary sewage) ☐ Oil field waste

☐ Noncontact cooling water ☒ Other (list): None

VI. Does all water used at facility (except for human consumption) flow to a treatment plant? ☐ **Yes** ☐ **No** NA

VII. Discharge to other than surface waters. Check appropriate location: NA

☐ Publicly-owned lake or impoundment Name of lake:

☐ Publicly-owned treatment works (POTW). Name of POTW:

☐ Land application of Effluent

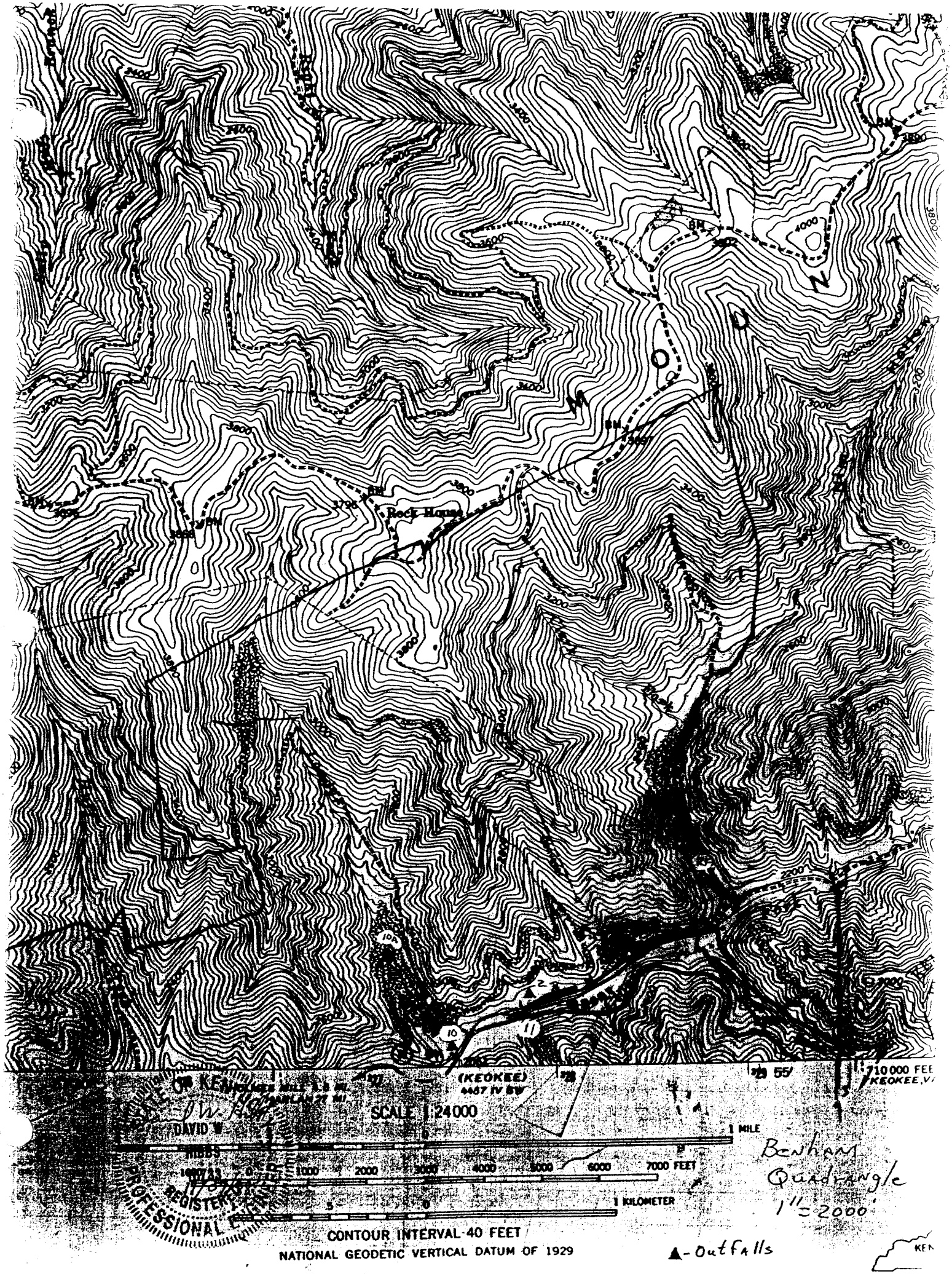
☐ Surface injection (Check term and identify on map) ☐ lateral field; ☐ sinkhole; ☐ sinking stream; ☐ deep well

☐ Closed Circuit (Check appropriate term) ☐ Holding tank; ☐ Mechanical evaporation; ☐ Waste impoundment

VIII. Check the metals present in the discharge if applicable and indicate the quantity discharged per year. (Indicate units).

☐	Antimony		☐	Copper		☐	Silver	
☐	Arsenic		☐	Lead		☐	Thallium	
☐	Beryllium		☐	Mercury		☐	Zinc	
☐	Cadmium		☐	Nickel		☐		
☐	Chromium		☐	Selenium		☐		

NA


Rock House
(KEOKEE)
4687 IV SW
SCALE 1:24000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DAVID W.
REGISTERED
PROFESSIONAL
Benham
Quadrangle
1" = 2000'
▲- Outfalls

IX. INTERMITTENT DISCHARGES (Complete this section for intermittent discharges.)

A. Number of bypass points:	0	(If bypass points are indicated, information below must be completed for each bypass.)

Check when bypass occurs:	☐ Wet Weather	☐ Dry Weather
Give the number of bypass incidents	per year	per year
Give average duration of bypass	hours	hours
Give average volume per incident	1,000 gallons	1,000 gallons
Give reason why bypass occurs:		

B. Number of Overflow Points: 0 (If discharge is from an overflow point, the information below must be completed.)

Check when overflow occurs:	☐ Wet Weather	☐ Dry Weather
Give the number of overflow incidents:	per year	per year
Give average duration of overflow:	hours	hours
Give average volume per incident:	1,000 gallons	1,000 gallons

C. Number of seasonal discharge points	0
Give the number of times discharge occurs per year	
Give the average volume per discharge occurrence	(1,000 gallons)
Give the average duration of each discharge	(days)
List month(s) when the discharge occurs	

X. AREA SERVED (see instructions)

NAME	ACTUAL POPULATION SERVED
0	0
TOTAL POPULATION SERVED	

(PLEASE COMPLETE THIS PAGE IF OTHER THAN DOMESTIC WASTEWATER IS DISCHARGED)

XI. COOLING WATER ADDITIVES AND THEIR COMPOSITIONS

Additive	Composition	Concentration (mg/l)
	NA	

XII. EFFLUENT CHARACTERISTICS

A. Indicate results of analysis for pollutants listed below.

POLLUTANT/PARAMETER	MAX DAILY VALUE	AVG DAILY VALUE	NUMBER OF SAMPLES
BOD_5	NA		
TOTAL SUSPENDED SOLIDS			
FECAL COLIFORM			
TOTAL RESIDUAL CHLORINE			
OIL AND GREASE			
CHEMICAL OXYGEN DEMAND			
TOTAL ORGANIC CARBON			
AMMONIA			
DISCHARGE FLOW			
pH			
TEMPERATURE (WINTER)			
TEMPERATURE (SUMMER)			

B. Frequency and duration of flow:	NA

XIII. 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.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
David W. Robinson Project Manager	276-546-5485
SIGNATURE: David W. Robinson	DATE: 11/20/07

KPDES FORM C

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility:	County:
I. OUTFALL LOCATION	AGENCY USE

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

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
RF	36	57	65	82	55	32	Clover fork Creek
2	36	52	57	82	55	53	
10	36	52	33	82	56	16	
10A	36	52	48	82	56	21	
11	36	52	39	82	55	55	

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 outfall. 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.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
RF	Surface Runoff	N/A	Sedimentation	1 U
2	Surface Runoff	N/A	Sedimentation	1 U
10	Surface Run off	N/A	Sedimentation	1 U
10A	Surface Runoff	N/A	Sedimentation	1U
11	Surface Runoff	N/A	Sedimentation	1 U

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (Continued)

C. Except for storm water 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.)

OUTFALL NUMBER (list)	OPERATIONS CONTRIBUTING FLOW (list)	FREQUENCY		FLOW				
		Days Per Week (specify average)	Months Per Year (specify average)	Flow Rate (in mgd)		Total volume (specify with units)		Duration (in days)
				Long-Term Average	Maximum Daily	Long-Term Average	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) List effluent guideline category:

☒ No (Go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measures 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 the 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.

MAXIMUM QUANTITY			Affected Outfalls (list outfall numbers)
Quantity Per Day	Units of Measure	Operation, Product, Material, Etc. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any federal, state or local authority to meet any implementation schedule for the construction, upgrading, or operation of wastewater 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)

IDENTIFICATION OF CONDITION AGREEMENT, ETC.	AFFECTED OUTFALLS		BRIEF DESCRIPTION OF PROJECT	FINAL COMPLIANCE DATE	
	No.	Source of Discharge		Required	Projected

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

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered 5-18.

D. Use the space below to list any of the pollutants (refer to SARA Title III, Section 313) listed in Table C-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.

POLLUTANT	SOURCE	POLLUTANT	SOURCE
N/A			

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 use or produce, or expect to use or produce over the next 5 years as an immediate 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 discharge of pollutants may during the next 5 years exceed two times the maximum values reported in Item V?

☐ Yes (Complete Item VI-C) ☒ No (Go to Item VII)

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

VII. BIOLOGICAL TOXICITY TESTING DATA

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

☐ Yes (Identify the test(s) and describe their purposes below) ☒ No (Go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

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

☒ Yes (list the name, address, and telephone number of, and pollutants analyzed by each such laboratory or firm below) ☐ No (Go to Section IX)

NAME	ADDRESS	TELEPHONE (Area code & number)	POLLUTANTS ANALYZED (list)
Spectrum Laboratories	P.O. Box 1578 Coeburn, VA 24230	(276) 395-5184	All

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.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
David W. Robinson Project Manager	(276) 565-0130
SIGNATURE David W. Robinson	DATE 2/29/08

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)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C) OUTFALL NO. RF

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 Avg. 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
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)												1
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE Dry		VALUE		VALUE			MGD		VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.0	MAXIMUM 9.0	MINIMUM	MAXIMUM				STANDARD UNITS				

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column 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		6. 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 Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color		X												
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		Dry											1
i. Nitrate – Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X												
k. Oil and Grease		X												
l. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

Part B - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X" a. Believed Present	2. MARK "X" b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	3. EFFLUENT a. Maximum Daily Value (2) Mass	3. EFFLUENT b. Maximum 30-Day Value (if available) (1) Concentration	3. EFFLUENT b. Maximum 30-Day Value (if available) (2) Mass	3. EFFLUENT c. Long-Term Avg. Value (if available) (1) Concentration	3. EFFLUENT c. Long-Term Avg. Value (if available) (2) Mass	3. EFFLUENT d. No. of Analyses	4. UNITS a. Concentration	4. UNITS b. Mass	5. INTAKE (optional) a. Long-Term Avg. Value (1) Concentration	5. INTAKE (optional) a. Long-Term Avg. Value (2) Mass	5. INTAKE (optional) b. No. of Analyses
n. Sulfate (as SO_4) (14808-79-8)	X													1
o. Sulfide (as S)		X												
p. Sulfite (as SO_4) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)	X		Dry											1
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)	X		Dry											1
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column 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 this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the **Testing Required** or **Believed Present** columns for any pollutant, you must provide the result 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 NO. (If available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)	X			Dry											1
2M. Arsenic, Total (7440-38-2)	X														1
3M. Beryllium Total (7440-41-7)	X														1
4M. Cadmium Total (7440-43-9)	X														1
5M. Chromium Total (7440-43-9)	X														1
6M. Copper Total (7550-50-8)	X														1
7M. Lead Total (7439-92-1)	X														1
8M. Mercury Total (7439-97-6)	X														1
9M. Nickel, Total (7440-02-0)	X														1
10M. Selenium, Total (7782-49-2)	X														1
11M. Silver, Total (7440-28-0)	X														1

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			Dry											1
13M. Zinc, Total (7440-66-6)	X			1											1
14M. Cyanide, Total (57-12-5)	X			1											1
15M. Phenols, Total	X			1											1
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibro-momethane (124-48-1)			X												

Part C – Continued															
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichlorethylene (75-35-4)			X												
17V. 1,2-Di-chloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (452-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (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. Vinyl Chloride (75-01-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichlor-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (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-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued															
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acenaphtylene (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(ghl) perylene (191-24-2)			X												
9B. Benzo(k)-fluoranthene (207-08-9)			X												
10B. Bis(2-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (If available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-toluene (121-14-2)			X												
27B. 2,6-Dinitro-toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro-benzene (118-71-1)			X												
33B. Hexachloro-butadiene (87-68-3)			X												
34B. Hexachloro-cyclopenta-diene (77-47-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indneo-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Napthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			X												
4P. gamma-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												

Part C – Continued

1. POLLUTANT And CAS NO. (If available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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)

[illegible] (Continued from page 3 of Form C)												OUTFALL NO. 2
[illegible] for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.												
	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 Avg. 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)	Dry											1
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE Dry		VALUE		VALUE			MGD		VALUE		
g. Temperature (Winter)	VALUE		VALUE		VALUE			°C		VALUE		
h. Temperature (Summer)	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.0	MAXIMUM 9.0	MINIMUM	MAXIMUM				STANDARD UNITS				

[illegible] "X" [illegible] place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe [illegible] you mark the Believed Present column 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 [illegible]

[illegible]	2. [illegible]		3. EFFLUENT							4. UNITS		6. INTAKE (optional)		
[illegible]	a. [illegible]	b. [illegible]	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 Avg Value		b. No. of Analyses
	[illegible]	[illegible]	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color		X												
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		Dry											1
i. Nitrate – Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X												
k. Oil and Grease		X												
l. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

[illegible]	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. [illegible]	b. [illegible]	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1) Concentration	(2) Mass	b. No. of Analyses
Sulfate (as SO_4) (14808-79-8)	X		Dry											1
Sulfide (as S)		X												
Sulfite (as SO_3) (14265-46-3)		X												
Surfactants		X												
Aluminum, Total (7429-90)		X												
Barium, Total (7440-39-3)		X												
Boron, Total (7440-42-8)		X												
Cobalt, Total (7440-48-4)		X												
Iron, Total (7439-89-6)	X		Dry											1
Magnesium Total (7439-96-4)		X												
Molybdenum Total (7439-98-7)		X												
Manganese, Total (7439-96-5)	X		Dry											1
Tin, Total (7440-31-5)		X												
Titanium, Total (7440-32-6)		X												

[illegible] are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column [illegible] fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required [illegible] mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark [illegible] Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete [illegible] See instructions for additional details and requirements.

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
[illegible] CYANIDE AND TOTAL PHENOLS															
M. Antimony Total (7440-36-0)	X			Or X											1
M. Arsenic, Total (7440-38-2)	X														1
M. Beryllium Total (7440-41-7)	X														1
M. Cadmium Total (7440-43-9)	X														1
M. Chromium Total (7440-43-9)	X														1
M. Copper Total (7550-50-8)	X														1
M. Lead Total (7439-92-1)	X														1
M. Mercury Total (7439-97-6)	X														1
M. Nickel, Total (7440-02-0)	X														1
M. Selenium, Total (7782-49-2)	X														1
M. Silver, Total (7440-28-0)	X														1

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	b. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			Dry											1*
13M. Zinc, Total (7440-66-6)	X			1											1
14M. Cyanide, Total (57-12-5)	X			1											1
15M. Phenols, Total	X			1											1
DIOXIN															
2,3,7,8 Tetrachlorodibenzo, P,-Dioxin (1746-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			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												

Part C - Continued

1. Pollutant and CAS Number (if available)	2. Mark "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-27-4)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichlorethylene (75-35-4)			X												
17V. 1,2-Di-chloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (542-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C. Continued

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (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. Vinyl Chloride (75-01-4)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – 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												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												

[illegible] Continued	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
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-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C - Continued																
[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X													
14B. Butyl-benzyl phthalate (85-68-7)			X													
15B. 2-Chloro-naphthalene (7005-72-3)			X													
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X													
17B. Chrysene (218-01-9)			X													
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X													
19B. 1,2-Dichloro-benzene (95-50-1)			X													
20B. 1,3-Dichloro-Benzene (541-73-1)			X													
21B. 1,4-Dichloro-benzene (106-46-7)			X													
22B. 3,3-Dichloro-benzidene (91-94-1)			X													
23B. Diethyl Phthalate (84-66-2)			X													

Part B – Continued																
[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)			
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)																
24B. Dimethyl Phthalate (131-11-3)			X													
25B. Di-N-butyl Phthalate (84-74-2)			X													
26B. 2,4-Dinitrotoluene (121-14-2)			X													
27B. 2,6-Dinitrotoluene (606-20-2)			X													
28B. Di-n-octyl Phthalate (117-84-0)			X													
29B. 1,2-diphenylhydrazine (as azonbenzene) (122-66-7)			X													
30B. Fluoranthene (206-44-0)			X													
31B. Fluorene (86-73-7)			X													
32B. Hexachlorobenzene (118-71-1)			X													
33B. Hexachlorobutadiene (87-68-3)			X													
34B. Hexachlorocyclopentadiene (77-47-4)			X													

[illegible]	2. Mark "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indeno-(1,2,3-cc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Naphthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. gamma-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												

[illegible]	2. Marking			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	b. Believed Present	c. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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)

PART D. MAXIMUM DAILY EFFLUENT DISCHARGES (Continued from page 3 of Form C) OUTFALL NO. 10

Minimum requirements: provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	3. UNITS (specify if blank) a. Concentration	b. Mass	4. INTAKE (optional) a. Long-Term Avg. Value (1) Concentration	(2) Mass	b. No of Analyses
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)	17 mg/l											1
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE 60 GPM		VALUE		VALUE				MGD	VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE				°c	VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE				°c	VALUE		
i. pH	MINIMUM 6.10 8.38	MAXIMUM 9.0	MINIMUM	MAXIMUM				STANDARD UNITS				

Under the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe is absent. If you mark the Believed Present column 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" a. Believed Present	2. MARK "X" b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (2) Mass	d. No. of Analyses	4. UNITS a. Concentration	4. UNITS b. Mass	6. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	a. Long-Term Avg Value (2) Mass	b. No. of Analyses
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color		X												
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		119 mg/l											1
i. Nitrate – Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X												
k. Oil and Grease		X												
l. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

Pollutants Continued

Pollutant and CAS No. (if available)	2. MARK "X" a. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg. Value (1) Concentration	(2) Mass	b. No. of Analyses
n. Sulfate (as SO_4) (14808-79-8)	X		88.3 mg/l											1
o. Sulfide (as S)		X												
p. Sulfite (as SO_3) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)	X		0.378 mg/l											1
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)	X		0.475 mg/l											1
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column for all GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions) mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one set of seven pages for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)	X			<0.20 mg/l											1
2M. Arsenic, Total (7440-38-2)	X			<0.20 mg/l											1
3M. Beryllium Total (7440-41-7)	X			<0.066 mg/l											1
4M. Cadmium Total (7440-43-9)	X			<0.021 mg/l											1
5M. Chromium Total (7440-43-9)	X			<0.021 mg/l											1
6M. Copper Total (7550-50-8)	X			<0.027 mg/l											1
7M. Lead Total (7439-92-1)	X			<0.23 mg/l											1
8M. Mercury Total (7439-97-6)	X			<0.1 mg/l											1
9M. Nickel, Total (7440-02-0)	X			<0.048 mg/l											1
10M. Selenium, Total (7782-49-2)	X			<0.047 mg/l											1
11M. Silver, Total (7440-28-0)	X			<0.010 mg/l											1

PART C - Continued

1. POLLUTANT and CAS NO. (if available)	2. MARK "X" a. Testing Required	a. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			8.86 mg/l											1
13M. Zinc, Total (7440-66-6)	X			<0.066 mg/l											1
14M. Cyanide, Total (57-12-5)	X			None Detected											1
15M. Phenols, Total	X			< 36 mg/l											1
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibro-momethane (124-48-1)			X												

PART C - Continued

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. Testing Required	b. Believed Present	c. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichlorethylene (75-35-4)			X												
17V. 1,2-Di-chloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (452-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C - Continued

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (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. Vinyl Chloride (75-01-4)			X												

PART A - Continued

1. POLLUTANT and CAS NO. (if available)	2. MARK "X" a. Testing Required	a. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichlor-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (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-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. Testing Required	a. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acenaphtylene (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(ghl) 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-chloroisopropyl)-Ether			X												
12B. Bis (2-ethylhexyl)-phthalate (117-81-7)			X												

PART C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X" a. Testing Required	a. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C - Continued																
1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-toluene (121-14-2)			X												
27B. 2,6-Dinitro-toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro-benzene (118-71-1)			X												
33B. Hexachloro-butadiene (87-68-3)			X												
34B. Hexachloro-cyclopenta-diene (77-47-4)			X												

Pollutant or Parameter	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indneo-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Napthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

PART D - Continued

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. Testing Required	a. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg. Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			X												
4P. gamma-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												

Table 2 (Continued)

1. POLLUTANT And CAS NO. (if available)	2. MARK "X" a. Testing Required	b. Believed Present	b. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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)

[illegible] (Continued from page 3 of Form C)												OUTFALL NO. 104
[illegible] for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.												
[illegible]	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 Avg. 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)			Dry									1
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE		VALUE		VALUE			MGD		VALUE		
g. Temperature (Winter)	VALUE		VALUE		VALUE			°C		VALUE		
h. Temperature (Summer)	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.0	MAXIMUM 9.0	MINIMUM	MAXIMUM				STANDARD UNITS				

[illegible] "X" [illegible] in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe [illegible] Do not mark the Believed Present column 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 [illegible]

[illegible]	2. [illegible]		3. EFFLUENT							4. UNITS		6. INTAKE (optional)		
[illegible]	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 Avg Value		b. No. of Analyses
			(1) Concentration	(2) Units	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color		X												
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		Dry											1
i. Nitrate – Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X												
k. Oil and Grease		X												
l. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

[illegible]	2. Marks "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1) Concentration	(2) Mass	b. No. of Analyses
n. Sulfate (as SO_4) (14808-79-8)	X		Dry											1
o. Sulfide (as S)		X												
p. Sulfite (as SO_3) (14265-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)	X		Dry											1
w. Magnesium Total (7439-95-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-5)	X		Dry											1
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

[illegible] primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column [illegible] for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required [illegible] for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark [illegible] for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete [illegible] for additional details and requirements.

[illegible]	2. Mark "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	b. Believed Present	c. Believed Absent	a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (if available) (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	a. Long-Term Avg Value (2) Mass	b. No. of Analyses
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)	X		Dry												1
2M. Arsenic, Total (7440-38-2)	X														1
3M. Beryllium Total (7440-41-7)	X														1
4M. Cadmium Total (7440-43-9)	X														1
5M. Chromium Total (7440-43-9)	X														1
6M. Copper Total (7550-50-8)	X														1
7M. Lead Total (7439-92-1)	X														1
8M. Mercury Total (7439-97-6)	X														1
9M. Nickel, Total (7440-02-0)	X														1
10M. Selenium, Total (7782-49-2)	X														1
11M. Silver, Total (7440-28-0)	X														1

Part C. Continued	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			Dr Y											1
13M. Zinc, Total (7440-66-6)	X			1											1
14M. Cyanide, Total (57-12-5)	X														1
15M. Phenols, Total	X														1
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1746-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibro-momethane (124-48-1)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
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												
14V. 1,1-Dichloroethane (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. 1,3-Dichloropropylene (542-75-6)			X												
19V. Ethylbenzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C - Continued

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (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. Vinyl Chloride (75-01-4)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – 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												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												

Pollutants	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acenaphtylene (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-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C - Continued

1. POLLUTANT AND CAS NO. (OPTIONAL)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Page C-3 continued

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-toluene (121-14-2)			X												
27B. 2,6-Dinitro-toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (206-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro-benzene (118-71-1)			X												
33B. Hexachloro-butadiene (87-68-3)			X												
34B. Hexachloro-cyclopenta-diene (77-47-4)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indeno-(1,2,3-cc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Naphthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. gamma-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												

[illegible]	[illegible]			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

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)

[illegible] (Continued from page 3 of Form C)												OUTFALL NO. 1 4
[illegible] 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.												
	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 Avg. 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)	16 mg/l											1
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE 40 GPM		VALUE		VALUE			MGD		VALUE		1
g. Temperature (winter)	VALUE		VALUE		VALUE			°c		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°c		VALUE		
i. pH	MINIMUM 6.0 8.7	MAXIMUM 9.0	MINIMUM	MAXIMUM				STANDARD UNITS				

[illegible] "X" [illegible] "X" [illegible] Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe [illegible] the Believed Present column 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

[illegible]	2. MARK "X"		3. EFFLUENT							4. UNITS		6. 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 Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color		X												
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		372 mg/l											1
i. Nitrate – Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X												
k. Oil and Grease		X												
l. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

[illegible]	2. Marks "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1) Concentration	(2) Mass	b. No. of Analyses
n. Sulfate (as SO_4) (14808-79-8)	X		179 mg/l											1
o. Sulfide (as S)		X												
p. Sulfite (as SO_3) (14265-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)	X		0.749 mg/l											1
w. Magnesium Total (7439-95-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-5)	X		0.259 mg/l											1
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

[illegible] to a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column [illegible] fractions that apply to your industry and for **ALL** toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required [illegible] mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark [illegible] **Believed Present** or **Believed Absent** columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete [illegible] See instructions for additional details and requirements.

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	b. Believed Present	c. Believed Absent	a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (if available) (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	a. Long-Term Avg Value (2) Mass	b. No. of Analyses
[illegible] S. CYANIDE AND TOTAL PHENOLS															
[illegible] Antimony Total (7440-36-0)	X			0.257 mg/l											1
[illegible] Arsenic, Total (7440-38-2)	X			<0.200 mg/l											1
[illegible] Beryllium Total (7440-41-7)	X			<0.006 mg/l											1
[illegible] Cadmium Total (7440-43-9)	X			<0.021 mg/l											1
[illegible] Chromium Total (7440-43-9)	X			<0.021 mg/l											1
5M. Copper Total (7550-50-8)	X			<0.027 mg/l											1
7M. Lead Total (7439-92-1)	X			<0.23 mg/l											1
8M. Mercury Total (7439-97-6)	X			<0.1 mg/l											1
9M. Nickel, Total (7440-02-0)	X			<0.048 mg/l											1
10M. Selenium, Total (7782-49-2)	X			<0.47 mg/l											1
11M. Silver, Total (7440-28-0)	X			<0.010 mg/l											1

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			2.19 mg/l											1*
13M. Zinc, Total (7440-66-6)	X			<0.066 mg/l											1
14M. Cyanide, Total (57-12-5)	X			None Detected											1
15M. Phenols, Total	X			<36 mg/l											1
DIOXIN															
2,3,7,8 Tetrachlorodibenzo, P,Dioxin (1746-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			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												

Pollutant	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (if available) (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	a. Long-Term Avg Value (2) Mass	b. No. of Analyses
...thane ...9)			X												
...-Chloro-...yl Ether ...3-8)			X												
...oform ...6-2)			X												
...Dichloro-...omethane ...71-8)			X												
...1,1,1-...hloroethane ...34-3)			X												
...1,1,2-...hloroethane ...7-05-2)			X												
...V. 1,1-...chloroethylene ...8-35-4)			X												
...V. 1,2-Di-...hloropropane ...78-87-5)			X												
...8V. 1,3-...Dichloropro-...pylene ...542-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Pollutant or Parameter	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (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. Vinyl Chloride (75-01-4)			X												

[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – 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												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												

[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
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-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C: Continued

1. POLLUTANT (optional)	2. MARK "X" a. Testing Required	b. Believed Present	c. Believed Absent	3. EFFLUENT a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	(2) Mass	d. No. of Analyses	4. UNITS a. Concentration	b. Mass	5. INTAKE (optional) a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION -- BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	a. Testing Required	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 Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitrotoluene (121-14-2)			X												
27B. 2,6-Dinitrotoluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenylhydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (206-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachlorobenzene (118-71-1)			X												
33B. Hexachlorobutadiene (87-68-3)			X												
34B. Hexachlorocyclopentadiene (77-47-4)			X												

Pollutants	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indeno-(1,2,3-cd)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Naphthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

[illegible]	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed 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	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. gamma-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												

[illegible]	[illegible]			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
[illegible]	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	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

SPECTRUM
LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 8001P10
Sample ID : Jericol Pond 10
Permit # : 6488001
Lab # : 47311

Sample Date : 12/03/98
Sampled By : GEM

Parameter	Analyst	Concentration	Date Tested	Method
Flow (GPM)	GEM	60	12/03/98	
pH (units)	GEM	8.38	12/03/98	EPA 150.1
Total Suspended Solids (mg/l)	KSG	17	12/09/98	EPA 160.2
Sulfates (mg/l)	CSR	88.3	12/09/98	EPA 375.1
Phenols (mg/l)	RCL	<36	12/15/98	SW9065:66
Cyanide (mg/l)	LK	ND*	12/10/98	EPA 335.2
Hardness (mg/l)	MRD	119	12/11/98	SM 2340B

*ND-None Detected

R. Craig Lott

R. Craig Lott
Environmental Laboratory Supervisor

Date: December 15, 1998

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SPECTRUM
LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 8001P11
Sample ID : Jericol Pond 11
Permit # : 6488001
Lab # : 47312

Sample Date : 12/03/98
Sampled By : GEM

Parameter	Analyst	Concentration	Date Tested	Method
Flow (GPM)	GEM	40	12/03/98	
pH (units)	GEM	8.33	12/03/98	EPA 150.1
Total Suspended Solids (mg/l)	KSG	16	12/09/98	EPA 160.2
Sulfates (mg/l)	CSR	179	12/09/98	EPA 375.1
Phenols (mg/l)	RCL	<36	12/15/98	SW9065:66
Cyanide (mg/l)	LK	ND*	12/10/98	EPA 335.2
Hardness (mg/l)	MRD	37.2	12/11/98	SM 2340B

*ND=None Detected

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SPECTRUM LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 8001P11
Sample ID : Jericol Pond 11
Permit # : 6488001
Lab # : 47312

Sample Date : 12/03/98
Sample Time : 09:04
Sampled By : GEM
Date Received : 12/03/98
Time Received : 13:05

Total Metals

Parameter	Analyst	Concentration	Date Tested	Method
Antimony	MRD	0.257	12/11/98	EPA 204.2
Arsenic (mg/l)	MRD	<0.200	12/11/98	EPA 206.2
Beryllium (mg/l)	MRD	<0.006	12/11/98	EPA 200.7
Cadmium (mg/l)	MRD	<0.021	12/11/98	EPA 200.7
Calcium (mg/l)	MRD	9.80	12/11/98	EPA 215.1
Chromium (mg/l)	MRD	<0.021	12/11/98	EPA 200.7
Copper (mg/l)	MRD	<0.027	12/11/98	EPA 200.7
Iron (mg/l)	MRD	0.749	12/08/98	EPA 200.7
Lead (mg/l)	MRD	<0.23	12/11/98	EPA 239.2
Magnesium (mg/l)	MRD	3.08	12/11/98	EPA 200.7
Manganese (mg/l)	MRD	0.259	12/08/98	EPA 200.7
Mercury (ug/l)	MRD	<0.1	12/11/98	EPA 245.1
Nickel (mg/l)	MRD	<0.048	12/11/98	EPA 200.7
Selenium (mg/l)	MRD	<0.47	12/11/98	EPA 270.2
Silver (mg/l)	MRD	<0.010	12/11/98	EPA 200.7
Thallium (mg/l)	MRD	2.19	12/11/98	EPA 279.2
Zinc (mg/l)	MRD	<0.066	12/11/98	EPA 200.7

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SPECTRUM LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 8001P10
Sample ID : Jericol Pond 10
Permit # : 6488001
Lab # : 47311

Sample Date : 12/03/98
Sample Time : 11:34
Sampled By : GEM
Date Received : 12/03/98
Time Received : 13:05

Total Metals

Parameter	Analyst	Concentration	Date Tested	Method
Antimony	MRD	<0.20	12/11/98	EPA 204.2
Arsenic (mg/l)	MRD	<0.200	12/11/98	EPA 206.2
Beryllium (mg/l)	MRD	<0.006	12/11/98	EPA 200.7
Cadmium (mg/l)	MRD	<0.021	12/11/98	EPA 200.7
Calcium (mg/l)	MRD	26.5	12/11/98	EPA 215.1
Chromium (mg/l)	MRD	<0.021	12/11/98	EPA 200.7
Copper (mg/l)	MRD	<0.027	12/11/98	EPA 200.7
Iron (mg/l)	MRD	0.338	12/08/98	EPA 200.7
Lead (mg/l)	MRD	<0.23	12/11/98	EPA 239.2
Magnesium (mg/l)	MRD	11.60	12/11/98	EPA 200.7
Manganese (mg/l)	MRD	0.475	12/08/98	EPA 200.7
Mercury (ug/l)	MRD	<0.1	12/11/98	EPA 245.1
Nickel (mg/l)	MRD	<0.048	12/11/98	EPA 200.7
Selenium (mg/l)	MRD	<0.47	12/11/98	EPA 270.2
Silver (mg/l)	MRD	<0.010	12/11/98	EPA 200.7
Thallium (mg/l)	MRD	8.86	12/11/98	EPA 279.2
Zinc (mg/l)	MRD	<0.066	12/11/98	EPA 200.7

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SPECTRUM
LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 5158P02
Sample ID : Jericol Pond 2
Permit # : 4485158
Lab # : 47319

Sample Date : 12/03/98
Sampled By : GEM

Parameter	Analyst	Concentration	Date Observed	Method
Flow (GPM)	GEM	Dry	12/03/98	

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SPECTRUM
LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 5265P02
Sample ID : Jericol Pond 2
Permit # : 8485265
Lab # : 47318

Sample Date : 12/03/98
Sampled By : GEM

Parameter	Analyst	Concentration	Date Observed	Method
Flow (GPM)	GEM	Dry	12/03/98	

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SPECTRUM
LABORATORIES

P.O. BOX 1578, COEBURN, VIRGINIA 24230-1578

CERTIFICATE OF ANALYSIS

For : Jericol Coal Company
General Delivery
Holmes Mill, Kentucky 40843

Location : 5265PRF1
Sample ID : Jericol Pond RF
Permit # : 8485265
Lab # : 47326

Sample Date : 12/03/98
Sampled By : GEM

Parameter	Analyst	Concentration	Date Observed	Method
Flow (GPM)	GEM	Dry	12/03/98	

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