

**ENVIRONMENTAL APPEALS BOARD  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C.**

	)		
<b>In Re:</b>	)		
	)		
<b>Four Corners Power Plant</b>	)	<b>NPDES Appeal No. 19-06</b>	
<b>NPDES Renewal Permit: NN0000019</b>	)		
<b>Arizona Public Service Company (Permittee)</b>	)		
	)		
	)		

**ARIZONA PUBLIC SERVICE COMPANY'S  
SURREPLY TO PETITIONERS' CONSOLIDATED REPLY**

**ATTACHMENT 2**

## **Section 3**

**EPA Consolidated Permit Program Wastewater Discharge  
Information Form 2C**

EPA I.D. NUMBER (copy from Item 1 of Form 1)  
 NN0000019

Form Approved.  
 OMB No. 2040-0086.  
 Approval expires 3-31-98.

Please print or type in the unshaded areas only.

**FORM  
 2C  
 NPDES**



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

**I. OUTFALL LOCATION**

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

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	36.00	42.00	16.50	108.00	29.00	12.00	No-Name Tributary to Chaco River
01A	36.00	41.00	30.00	108.00	28.00	9.00	Closed cycle recirc. Cooling Water Pond
01E	36.00	41.00	30.00	108.00	28.00	12.00	Closed cycle Cooling Water Return Canal
01B							No Established Discharge Point

**II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES**

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

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

1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Closed cycle recirculated cooling water pond. Discharge/blowdown	3-4.6 MGD	Closed cycle recirculated cooling water pond (1200 acres)	1	F
				1	U
01A	Closed cycle recirculated cooling water return.	1000-1714 MGD	Closed cycle recirculated cooling water	1	F
	A. Stormwater runoff*		Discharge canal (5 acres)	4	C
	B. Closed cycle recirculated cooling		Oil booms	1	X
01B	Chemical Metal Cleaning Wastewater**	N/A	N/A	N/A	N/A
01E	Combined waste treatment pond (CWTP)	13 MGD	CWTP (15-17 acres)		
			Sedimentation	1	U
			Flocculation	1	G
			Coagulation	2	D
01E	A. Bottom Ash Sluice Water	8.0 MGD	Reuse/recycle	4	C
	B. Stormwater runoff				
	C. Closed cycle recirculated cooling water from small coolers	4.0 MGD			
01E	D. Low volume wastewater	1.0 MGD			
	*Avg flow negligible				
	**Codisposed w/bevill waste as	allowed under Dietrich.			

OFFICIAL USE ONLY (effluent guidelines sub-categories)

CONTINUED FROM THE FRONT

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

YES (complete the following table)

NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		B. TOTAL VOLUME (specify with units)		C. DURATION (in days)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
001	Closed cycle recirculated cooling water pond. Discharge/blowdown - 2012	2.5	6	4.2	14.6	4.2 MG	14.6 MG	128

III. PRODUCTION

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

YES (complete Item III-B)

NO (go to Section IV)

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

YES (complete Item III-C)

NO (go to Section IV)

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

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

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

YES (complete the following table)

NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED

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

MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

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

NN0000019

CONTINUED FROM PAGE 2

**INTAKE AND EFFLUENT CHARACTERISTICS**

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

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

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
N/A			

**VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS**

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

YES (list all such pollutants below)

NO (go to Item VI-B)

See Attachment A (confirm in application)

Large empty rectangular area for providing details or attachments.

CONTINUED FROM THE FRONT

**VII. BIOLOGICAL TOXICITY TESTING DATA**

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

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

NO (go to Section VIII)

Biomonitoring was performed annually at Outfall 01A on the following dates: 7/11/10-7/16/10, 6/13/11-6/17/11, 8/20/12-8/24/12.

**VIII. CONTRACT ANALYSIS INFORMATION**

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

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

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
	See Tab 7 of this permit application (confirm in application)		

**IX. CERTIFICATION**

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

A. NAME & OFFICIAL TITLE (type or print) David C. Bloomfield, Site Manager, Four Corners Power Plant	B. PHONE NO. (area code & no.) (505) 598-8405
C. SIGNATURE <i>David C Bloomfield</i>	D. DATE SIGNED 2-14-13

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.

A.I.D. NUMBER (copy from Item 1 of Form 1)  
NN0000019

OUTFALL NO.  
001

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

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

1. POLLUTANT	2. EFFLUENT				3. UNITS (specify if blank)			4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS
a. Biochemical Oxygen Demand (BOD)						1	mg/L	lb/day		
b. Chemical Oxygen Demand (COD)	35	4290.9				1	mg/L	lb/day		
c. Total Organic Carbon (TOC)	7.3	895.0				1	mg/L	lb/day		
d. Total Suspended Solids (TSS)						1	mg/L	lb/day		
e. Ammonia (as N)	<0.50	<61.3				1	mg/L	lb/day		
f. Flow	VALUE	14.7	VALUE	VALUE	Instant		MGD	VALUE		
g. Temperature (winter)	VALUE	22	VALUE	VALUE	cont.		°C	VALUE		
h. Temperature (summer)	VALUE	32	VALUE	VALUE	cont.		°C	VALUE		
i. pH	MINIMUM 7.78	MAXIMUM 8.51	MINIMUM	MAXIMUM	9		STANDARD UNITS			

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS				5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					
a. Bromide (24959-67-9)	X								1	mg/L	lb/da		
b. Chlorine, Total Residual	X		<0.1	<12.3					1	mg/L	lb/da		
c. Color	X								1	units			
d. Fecal Coliform		X							1	CFU			
e. Fluoride (16984-48-8)	X								1	mg/L	lb/da		
f. Nitrate-Nitrite (as N)	X								1	mg/L	lb/da		

ITEM V-B  
 OBTAINED FROM FRONT  
 2. MARK "X"

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS			5. INTAKE (optional)	
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS
g. Nitrogen, Total Organic (as N)	X		<1.6	<196.2			1	mg/kg	lb/da		
h. Oil and Grease	X		<5.0	<613			1	mg/L	lb/da		
i. Phosphorus (as P), Total (7723-14-0)	X		<0.10	<12.3			1	mg/L	lb/da		
j. Radioactivity											
(1) Alpha, Total	X		2.7 +/- 0.8	331.0			1	pCi/L			
(2) Beta, Total	X		7.5 +/- 1.6	919.5			1	pCi/L			
(3) Radium, Total	X		<0.4	<49.0			1	pCi/L			
(4) Radium 226, Total	X		<0.4	<49.0			1	pCi/L			
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X						1	mg/L	lb/da		
l. Sulfide (as S)	X		<0.050	<6.13			1	mg/L	lb/da		
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)	X		4.4	539			1	mg/L	lb/da		
n. Surfactants	X						1	mg/L	lb/da		
o. Aluminum, Total (7429-90-5)	X		<0.20	<24.5			1	mg/L	lb/da		
p. Barium, Total (7440-39-3)	X		0.14	17.2			1	mg/L	lb/da		
q. Boron, Total (7440-42-8)	X		0.45	55.2			1	mg/L	lb/da		
r. Cobalt, Total (7440-48-4)	X		<0.040	<4.9			1	mg/L	lb/da		
s. Iron, Total (7439-89-6)	X		0.13	15.9			1	mg/L	lb/da		
t. Magnesium, Total (7439-95-4)	X		29	3555			1	mg/L	lb/da		
u. Molybdenum, Total (7439-98-7)	X		<0.010	<1.23			1	mg/L	lb/da		
v. Manganese, Total (7439-96-5)	X		0.026	3.188			1	mg/L	lb/da		
w. Tin, Total (7440-31-5)	X		<0.10	<12.3			1	mg/L	lb/da		
x. Titanium, Total (7440-32-6)	X		<0.10	<12.3			1	mg/L	lb/da		



CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1) **NN0000019**  
 OUTFALL NUMBER **001**

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)					
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)		b. MAXIMUM 30 DAY VALUE (if available) (1)		c. LONG TERM AVRG. VALUE (if available) (1)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1)		b. NO. OF ANALYSES
				CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS					CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>														
1M. Antimony, Total (7440-36-0)	X			<0.040	<4.90				1	mg/L	lb/day			
2M. Arsenic, Total (7440-38-2)	X			<0.10	<12.3				1	mg/L	lb/day			
3M. Beryllium, Total (7440-41-7)	X			<0.0010	<0.123				1	mg/L	lb/day			
4M. Cadmium, Total (7440-43-9)	X			<0.0010	<0.123				1	mg/L	lb/day			
5M. Chromium, Total (7440-47-3)	X			<0.010	<1.23				1	mg/L	lb/day			
6M. Copper, Total (7440-50-8)	X			<0.010	<1.23				1	mg/L	lb/day			
7M. Lead, Total (7439-92-1)	X			<0.015	<1.839				1	mg/L	lb/day			
8M. Mercury, Total (7439-97-6)	X			<0.00020	<0.025				1	mg/L	lb/day			
9M. Nickel, Total (7440-02-0)	X			<0.010	<1.23				1	mg/L	lb/day			
10M. Selenium, Total (7782-49-2)	X			<0.10	<12.3				1	mg/L	lb/day			
11M. Silver, Total (7440-22-4)	X			<0.010	<1.23				1	mg/L	lb/day			
12M. Thallium, Total (7440-28-0)	X			<0.10	<12.3				1	mg/L	lb/day			
13M. Zinc, Total (7440-66-6)	X			<0.050	<6.13				1	mg/L	lb/day			
14M. Cyanide, Total (57-12-5)	X			<0.050	<6.13				1	mg/L	lb/day			
15M. Phenols, Total	X								1	mg/L	lb/day			
<b>DIOXIN</b>														
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS <11 pg/l, non-detectable										

EPA Form 3510-2C (8-90)

PAGE V-3

CONTINUE ON REVERSE

CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)	b. MAXIMUM 30 DAY VALUE (if available) (1)	c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1)	b. NO. OF ANALYSES
	(1)	(2) MASS	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS
GC/MS FRACTION - VOLATILE COMPOUNDS												
1V. Acrolein (107-02-8)	X			<0.05	<6.13			1	mg/L	lb/day		
2V. Acrylonitrile (107-13-1)	X			<0.05	<6.13			1	mg/L	lb/day		
3V. Benzene (71-43-2)	X			<0.001	<0.123			1	mg/L	lb/day		
4V. Bis (Chloro-methyl) Ether (542-88-1)				<0.002	<0.245							
5V. Bromoform (75-25-2)	X			<0.001	<0.123			1	mg/L	lb/day		
6V. Carbon Tetrachloride (56-23-5)	X			<0.001	<0.123			1	mg/L	lb/day		
7V. Chlorobenzene (108-90-7)	X			<0.001	<0.123			1	mg/L	lb/day		
8V. Chloro-dibromomethane (124-48-1)	X			<0.001	<0.123			1	mg/L	lb/day		
9V. Chloroethane (75-00-3)	X			<0.001	<0.123			1	mg/L	lb/day		
10V. 2-Chloro-ethylvinyl Ether (110-75-8)				<0.005	<0.613							
11V. Chloroform (67-66-3)	X			<0.001	<0.123			1	mg/L	lb/day		
12V. Dichloro-bromomethane (75-27-4)	X			<0.001	<0.123			1	mg/L	lb/day		
13V. Dichloro-difluoromethane (75-71-8)	X			<0.001	<0.123			1	mg/L	lb/day		
14V. 1,1-Dichloro-ethane (75-34-3)	X			<0.001	<0.123			1	mg/L	lb/day		
15V. 1,2-Dichloro-ethane (107-06-2)	X			<0.001	<0.123			1	mg/L	lb/day		
16V. 1,1-Dichloro-ethylene (75-35-4)	X			<0.001	<0.123			1	mg/L	lb/day		
17V. 1,2-Dichloro-propane (78-87-5)	X			<0.001	<0.123			1	mg/L	lb/day		
18V. 1,3-Dichloro-propylene (542-75-6)	X			<0.001	<0.123			1	mg/L	lb/day		
19V. Ethylbenzene (100-41-4)	X			<0.001	<0.123			1	mg/L	lb/day		
20V. Methyl Bromide (74-83-9)	X			<0.005	<0.613			1	mg/L	lb/day		
21V. Methyl Chloride (74-87-3)	X			<0.005	<0.613			1	mg/L	lb/day		

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT				4. UNITS				5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		a. CONCENTRATION	b. MASS	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION -- VOLATILE COMPOUNDS (continued)</b>													
22V. Methylene Chloride (75-09-2)	X			<0.002	<0.245			mg/L	lb/day	1			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<0.001	<0.123			mg/L	lb/day	1			
24V. Tetrachloroethylene (127-18-4)	X			<0.001	<0.123			mg/L	lb/day	1			
25V. Toluene (108-88-3)	X			<0.001	<0.123			mg/L	lb/day	1			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<0.001	<0.123			mg/L	lb/day	1			
27V. 1,1,1-Trichloroethane (71-55-6)	X			<0.001	<0.123			mg/L	lb/day	1			
28V. 1,1,2-Trichloroethane (79-00-5)	X			<0.001	<0.123			mg/L	lb/day	1			
29V. Trichloroethylene (78-01-6)	X			<0.001	<0.123			mg/L	lb/day	1			
30V. Trichlorofluoromethane (75-69-4)	X			<0.001	<0.123			mg/L	lb/day	1			
31V. Vinyl Chloride (75-01-4)	X			<0.001	<0.123			mg/L	lb/day	1			
<b>GC/MS FRACTION -- ACID COMPOUNDS</b>													
1A. 2-Chlorophenol (95-57-8)	X			<0.020	<2.45			mg/L	lb/day	1			
2A. 2,4-Dichlorophenol (120-83-2)	X			<0.020	<2.45			mg/L	lb/day	1			
3A. 2,4-Dimethylphenol (105-67-9)	X			<0.020	<2.45			mg/L	lb/day	1			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<0.1	<12			mg/L	lb/day	1			
5A. 2,4-Dinitrophenol (51-28-5)	X			<0.1	<12			mg/L	lb/day	1			
6A. 2-Nitrophenol (88-75-5)	X			<0.030	<3.68			mg/L	lb/day	1			
7A. 4-Nitrophenol (100-02-7)	X			<0.050	<6.13			mg/L	lb/day	1			
8A. p-Chloro-M-Cresol (59-50-7)	X			<0.020	<2.45			mg/L	lb/day	1			
9A. Pentachlorophenol (87-86-5)	X			<0.1	<12			mg/L	lb/day	1			
10A. Phenol (108-95-2)	X			<0.020	<2.45			mg/L	lb/day	1			
11A. 2,4,6-Trichlorophenol (88-05-2)	X			<0.020	<2.45			mg/L	lb/day	1			

CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS				5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS												
1B. Acenaphthene (83-32-9)	X			<0.020	<2.45			1	mg/L	lb/day		
2B. Acenaphthylene (208-96-8)	X			<0.020	<2.45			1	mg/L	lb/day		
3B. Anthracene (120-12-7)	X			<0.020	<2.45			1	mg/L	lb/day		
4B. Benzidine (92-87-5)	X			<0.1	<12			1	mg/L	lb/day		
5B. Benzo (a) Anthracene (56-55-3)	X			<0.020	<2.45			1	mg/L	lb/day		
6B. Benzo (a) Pyrene (50-32-8)	X			<0.020	<2.45			1	mg/L	lb/day		
7B. 3,4-Benzofluoranthene (205-99-2)	X			<0.020	<2.45			1	mg/L	lb/day		
8B. Benzo (ghi) Perylene (191-24-2)	X			<0.020	<2.45			1	mg/L	lb/day		
9B. Benzo (h) Fluoranthene (207-08-9)	X			<0.020	<2.45			1	mg/L	lb/day		
10B. Bis (2-Chloroethyl) Methane (111-81-1)	X			<0.020	<2.45			1	mg/L	lb/day		
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X			<0.020	<2.45			1	mg/L	lb/day		
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X			<0.020	<2.45			1	mg/L	lb/day		
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X			<0.020	<2.45			1	mg/L	lb/day		
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			<0.020	<2.45			1	mg/L	lb/day		
15B. Butyl Benzyl Phthalate (85-68-7)	X			<0.020	<2.45			1	mg/L	lb/day		
16B. 2-Chloronaphthalene (91-58-7)	X			<0.020	<2.45			1	mg/L	lb/day		
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X			<0.020	<2.45			1	mg/L	lb/day		
18B. Chrysene (218-01-9)	X			<0.020	<2.45			1	mg/L	lb/day		
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<0.020	<2.45			1	mg/L	lb/day		
20B. 1,2-Dichlorobenzene (95-50-1)	X			<0.001	<0.123			1	mg/L	lb/day		
21B. 1,3-Dichlorobenzene (541-73-1)	X			<0.001	<0.123			1	mg/L	lb/day		

CONTINUE ON PAGE V-7

PAGE V-6

EPA Form 3510-2C (8-90)

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS		b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION (2) MASS		c. LONG TERM AVRG. VALUE (1) CONCENTRATION (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)												
22B. 1,4-Dichlorobenzene (106-46-7)	X			<0.001	<0.123				1	mg/L	lb/day	
23B. 3,3-Dichlorobenzidine (91-94-1)	X			<0.020	<2.45				1	mg/L	lb/day	
24B. Diethyl Phthalate (84-66-2)	X			<0.020	<2.45				1	mg/L	lb/day	
25B. Dimethyl Phthalate (131-11-3)	X			<0.040	<4.90				1	mg/L	lb/day	
26B. Di-N-Butyl Phthalate (84-74-2)	X			<0.020	<2.45				1	mg/L	lb/day	
27B. 2,4-Dinitrotoluene (121-14-2)	X			<0.020	<2.45				1	mg/L	lb/day	
28B. 2,6-Dinitrotoluene (806-20-2)	X			<0.020	<2.45				1	mg/L	lb/day	
29B. Di-N-Octyl Phthalate (117-84-0)	X			<0.020	<2.45				1	mg/L	lb/day	
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<0.020	<2.45				1	mg/L	lb/day	
31B. Fluoranthene (206-44-0)	X			<0.020	<2.45				1	mg/L	lb/day	
32B. Fluorene (86-73-7)	X			<0.020	<2.45				1	mg/L	lb/day	
33B. Hexachlorobenzene (118-74-1)	X			<0.020	<2.45				1	mg/L	lb/day	
34B. Hexachlorobutadiene (87-66-3)	X			<0.020	<2.45				1	mg/L	lb/day	
35B. Hexachlorocyclopentadiene (77-47-4)	X			<0.020	<2.45				1	mg/L	lb/day	
36B. Hexachloroethane (67-72-1)	X			<0.020	<2.45				1	mg/L	lb/day	
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<0.020	<2.45				1	mg/L	lb/day	
38B. Isophorone (78-59-1)	X			<0.020	<2.45				1	mg/L	lb/day	
39B. Naphthalene (91-20-3)	X			<0.020	<2.45				1	mg/L	lb/day	
40B. Nitrobenzene (98-95-3)	X			<0.020	<2.45				1	mg/L	lb/day	
41B. N-Nitrosodimethylamine (62-75-9)	X			<0.020	<2.45				1	mg/L	lb/day	
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<0.020	<2.45				1	mg/L	lb/day	

CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT				4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION (2) MASS	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	b. NO. OF ANALYSES
					(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)													
43B. N-Nitro-sodiphenylamine (86-30-6)	X			<0.020	<2.45				1	mg/L	lb/day		
44B. Phenanthrene (85-01-8)	X			<0.020	<2.45				1	mg/L	lb/day		
45B. Pyrene (129-00-0)	X			<0.020	<2.45				1	mg/L	lb/day		
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<0.020	<2.45				1	mg/L	lb/day		
GC/MS FRACTION - PESTICIDES													
1P. Aldrin (308-00-2)													
2P. α-BHC (319-84-6)													
3P. β-BHC (319-85-7)													
4P. γ-BHC (58-89-9)													
5P. δ-BHC (319-86-8)													
6P. Chlordane (57-74-9)													
7P. 4,4'-DDT (50-29-3)													
8P. 4,4'-DDE (72-55-9)													
9P. 4,4'-DDD (72-54-8)													
10P. Dieldrin (60-57-1)													
11P. α-Endosulfan (115-29-7)													
12P. β-Endosulfan (115-29-7)													
13P. Endosulfan Sulfate (1031-07-8)													
14P. Endrin (72-20-8)													
15P. Endrin Aldehyde (7421-93-4)													
16P. Heptachlor (76-44-8)													

EPA I.D. NUMBER (copy from Item 1 of Form 1)  
 NN0000019

OUTFALL NUMBER  
 001

CONTINUED FROM PAGE V-8

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

## NPDES PERMIT APPLICATION

### VI. Potential Discharges not covered by Analysis:

#### Metals, Cyanide & total Phenols

<u>Pollutant Listed in V-C:</u>	<u>CAS#</u>	<u>Component of:</u>
1. Antimony, Total	7440-36-0	Coal Combustion byproducts (CCB), batteries, solder, lamps, shotgun shells
2. Arsenic, Total	7440-38-2	CCB's batteries, shotgun shells, threadlock
3. Beryllium, Total	7740-41-7	CCB's
4. Cadmium, Total	7440-43-9	CCB's, batteries
5. Chromium, Total	7740-47-3	CCB's, welding electrodes
6. Copper, Total	7440-50-8	CCB's, batteries, welding electrodes, shotgun shells
7. Lead, Total	7439-92-1	CCB's, batteries, solder, welding electrodes, lamps, shotgun shells
8. Mercury, Total	7439-97-6	CCB's lamps, batteries
9. Nickel, Total	7440-02-0	CCB/s, welding electrodes, flux
10. Selenium, Total	7782-49-2	CCB's
11. Silver, Total	7440-22-4	CCB's, solder, flux
12. Thallium, Total	7440-28-0	CCB's, welding electrodes
13. Zinc, Total	7440-66-6	CCB's, welding electrodes, flux, metal epoxies, batteries, shotgun shells, galvanizing compound



**GC/MS FRACTION – VOLATILE COMPOUNDS**

<b><u>Pollutant listed in V-C:</u></b>	<b><u>CAS#</u></b>	<b><u>Component of:</u></b>
1. Acrylonitrile	107-13-1	Caulk
2. Benzene	71-43-2	Petroleum fuels, thinner, coatings, transmission fluid
3. Chloroform	67-66-3	Lab reagent
4. Ethylbenzene	100-41-4	Silicone primer
5. Methylene chloride	75-09-2	Rubber cement, carburetor cleaner
6. 1,2-Trans-Dichloroethylene	156-60-5	Coatings
7. Trichloro-ethylene	79-01-6	Rubber cement, solvent, lubricant
8. Phenol cleaner	108-95-2	Coatings, adhesive, carburetor
9. Bis (2-Ethylhexyl) Phthalate	117-81-7	Rubber lining
10. Butyl Benzyl Phthalate	85-68-7	Coatings
11. 2-Chloronaphthalene	91-58-7	Oil
12. 1,2-Dichlorobenzene	95-50-1	Lubricant
13. 1,4-Dichlorobenzene	106-46-7	Lubricant, deodorizer
14. Dimethyl Phthalate	131-11-3	Coatings, epoxy, solvents
15. Di-N-Butyl Phthalate	84-74-2	Coatings
16. Naphthalene	91-20-3	Coatings, lubricants

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.

I.D. NUMBER (copy from Item 1 of Form 1)  
NN0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C) OUTFALL NO. 01A

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 AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	6.0	85368.2					1	mg/L	lb/day			
b. Chemical Oxygen Demand (COD)	110	1565084					1	mg/L	lb/day			
c. Total Organic Carbon (TOC)	7.6	108133					1	mg/L	lb/day			
d. Total Suspended Solids (TSS)	11	156508					1	mg/L	lb/day			
e. Ammonia (as N)	<0.50	<61.3					1	mg/L	lb/day			
f. Flow	VALUE	1706	VALUE		VALUE		Instant	MGD		VALUE		
g. Temperature (winter)	VALUE	27.4	VALUE		VALUE		cont.	°C		VALUE		
h. Temperature (summer)	VALUE	42.4	VALUE		VALUE		cont.	°C		VALUE		
i. pH	MINIMUM 7.55	MAXIMUM 8.57	MINIMUM	MAXIMUM			9	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS				5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS						
a. Bromide (24959-57-9)	X		<0.50	<7114					1	mg/L	lb/da			
b. Chlorine, Total Residual	X		<0.1	<1423					1	mg/L	lb/da			
c. Color	X		13.0	184965					1	color	units			
d. Fecal Coliform		X	46							CFU				
e. Fluoride (16994-48-4)	X		0.80	11382.4					1	mg/L	lb/da			
f. Nitrate-Nitrite (as N)	X		<0.20	<2846					1	mg/L	lb/da			

ITEM V-B 1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS			5. INTAKE (optional)	
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS
g. Nitrogen, Total Organic (as N)	X		<1.6	<22765			1	mg/kg	1b/da		
h. Oil and Grease	X		<5.0	<71140			1	mg/L	1b/da		
i. Phosphorus (as P), Total (7723-14-0)	X		<0.10	<1423			1	mg/L	1b/da		
j. Radioactivity											
(1) Alpha, Total	X		3.0 +/-0.8				1	pCi/L			
(2) Beta, Total	X		7.2 +/-1.6				1	pCi/L			
(3) Radium, Total	X		0.5 +/-0.1				1	pCi/L			
(4) Radium 226, Total	X		0.5 +/-0.1				1	pCi/L			
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		430	6118057			1	mg/L	1b/da		
l. Sulfide (as S)	X		<0.050	<711.4			1	mg/L	1b/da		
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)	X		<5.0	<71140			1	mg/L	1b/da		
n. Surfactants	X		<0.05	<711.4			1	mg/L	1b/da		
o. Aluminum, Total (7429-90-5)	X		<0.20	<2846			1	mg/L	1b/da		
p. Barium, Total (7440-39-3)	X		0.15	2134			1	mg/L	1b/da		
q. Boron, Total (7440-42-8)	X		0.51	7256			1	mg/L	1b/da		
r. Cobalt, Total (7440-48-4)	X		<0.040	<569			1	mg/L	1b/da		
s. Iron, Total (7439-89-6)	X		<0.10	<1423			1	mg/L	1b/da		
t. Magnesium, Total (7439-95-4)	X		32	455297			1	mg/L	1b/da		
u. Molybdenum, Total (7439-98-7)	X		<0.010	<142.3			1	mg/L	1b/da		
v. Manganese, Total (7439-96-5)	X		0.016	227.6			1	mg/L	1b/da		
w. Tin, Total (7440-31-5)	X		<0.10	<1423			1	mg/L	1b/da		
x. Titanium, Total (7440-32-6)	X		<0.10	<1423			1	mg/L	1b/da		

CONTINUE ON PAGE V-3

PAGE V-2

EPA I.D. NUMBER (copy from Item 1 of Form 1) **01A**

OUTFALL NUMBER **01A**

CONTINUED FROM PAGE 3 OF FORM 2-C

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT			4. UNITS			5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
					(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>													
1M. Antimony, Total (7440-36-0)	X			<0.040				1	mg/L	lb/day			
2M. Arsenic, Total (7440-38-2)	X			<0.10				1	mg/L	lb/day			
3M. Beryllium, Total (7440-41-7)	X			<0.0010				1	mg/L	lb/day			
4M. Cadmium, Total (7440-43-9)	X			<0.0010				1	mg/L	lb/day			
5M. Chromium, Total (7440-47-3)	X			<0.010				1	mg/L	lb/day			
6M. Copper, Total (7440-50-6)	X			<0.010				1	mg/L	lb/day			
7M. Lead, Total (7439-92-1)	X			<0.015				1	mg/L	lb/day			
8M. Mercury, Total (7439-97-6)	X			<0.00020				1	mg/L	lb/day			
9M. Nickel, Total (7440-02-0)	X			<0.010				1	mg/L	lb/day			
10M. Selenium, Total (7782-49-2)	X			<0.10				1	mg/L	lb/day			
11M. Silver, Total (7440-22-4)	X			<0.010				1	mg/L	lb/day			
12M. Thallium, Total (7440-28-0)	X			<0.10				1	mg/L	lb/day			
13M. Zinc, Total (7440-66-6)	X			<0.050				1	mg/L	lb/day			
14M. Cyanide, Total (57-12-5)	X			<0.050				1	mg/L	lb/day			
15M. Phenols, Total	X			<0.050				1	mg/L	lb/day			
<b>DIOXIN</b>													
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X			DESCRIBE RESULTS <11 pg/L, non-detectable									

EPA Form 3510-2C (8-90)

PAGE V-3

CONTINUE ON REVERSE

CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION
GC/MS FRACTION - VOLATILE COMPOUNDS													
1V. Acrolein (107-02-8)				<0.05	<711					1	mg/L	lb/day	
2V. Acrylonitrile (107-13-1)	X			<0.01	<142.3					1	mg/L	lb/day	
3V. Benzene (71-43-2)	X			<0.001	<14.23					1	mg/L	lb/day	
4V. Bis (Chloromethyl) Ether (542-88-1)													
5V. Bromoform (75-25-2)	X			<0.001	<14.23					1	mg/L	lb/day	
6V. Carbon Tetrachloride (56-23-5)	X			<0.001	<14.23					1	mg/L	lb/day	
7V. Chlorobenzene (108-90-7)	X			<0.001	<14.23					1	mg/L	lb/day	
8V. Chlorodibromomethane (124-48-1)	X			<0.001	<14.23					1	mg/L	lb/day	
9V. Chloroethane (75-00-3)	X			<0.001	<14.23					1	mg/L	lb/day	
10V. 2-Chloroethylvinyl Ether (110-75-8)				<0.005	<71.14								
11V. Chloroform (67-66-3)	X			<0.001	<14.23					1	mg/L	lb/day	
12V. Dichlorobromomethane (75-27-4)	X			<0.001	<14.23					1	mg/L	lb/day	
13V. Dichlorodifluoromethane (75-71-8)	X			<0.001	<14.23					1	mg/L	lb/day	
14V. 1,1-Dichloroethane (75-34-3)	X			<0.001	<14.23					1	mg/L	lb/day	
15V. 1,2-Dichloroethane (107-06-2)	X			<0.001	<14.23					1	mg/L	lb/day	
16V. 1,1-Dichloroethylene (75-35-4)	X			<0.001	<14.23					1	mg/L	lb/day	
17V. 1,2-Dichloropropane (78-87-5)	X			<0.001	<14.23					1	mg/L	lb/day	
18V. 1,3-Dichloropropylene (542-75-6)	X			<0.001	<14.23					1	mg/L	lb/day	
19V. Ethylbenzene (100-41-4)	X			<0.001	<14.23					1	mg/L	lb/day	
20V. Methyl Bromide (74-83-9)	X			<0.005	<71.14					1	mg/L	lb/day	
21V. Methyl Chloride (74-87-3)	X			<0.005	<71.14					1	mg/L	lb/day	

CONTINUE ON PAGE V-5

PAGE V-4

EPA Form 3510-2C (8-90)

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT				4. UNITS				5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		a. CONCENTRATION	b. MASS	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
					(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS (continued)</b>														
22V. Methylene Chloride (75-09-2)	X			<0.002	<0.245				1	mg/L	lb/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<0.001	<14.23				1	mg/L	lb/day			
24V. Tetrachloroethylene (127-18-4)	X			<0.001	<14.23				1	mg/L	lb/day			
25V. Toluene (108-88-3)	X			<0.001	<14.23				1	mg/L	lb/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<0.001	<14.23				1	mg/L	lb/day			
27V. 1,1,1-Trichloroethane (71-55-6)	X			<0.001	<14.23				1	mg/L	lb/day			
28V. 1,1,2-Trichloroethane (79-00-5)	X			<0.001	<14.23				1	mg/L	lb/day			
29V. Trichloroethylene (79-01-6)	X			<0.001	<14.23				1	mg/L	lb/day			
30V. Trichlorofluoromethane (75-69-4)	X			<0.001	<14.23				1	mg/L	lb/day			
31V. Vinyl Chloride (75-01-4)	X			<0.001	<14.23				1	mg/L	lb/day			
<b>GC/MS FRACTION - ACID COMPOUNDS</b>														
1A. 2-Chlorophenol (95-57-8)	X			<0.023	<327.2				1	mg/L	lb/day			
2A. 2,4-Dichlorophenol (120-83-2)	X			<0.023	<327.2				1	mg/L	lb/day			
3A. 2,4-Dimethylphenol (105-67-9)	X			<0.023	<327.2				1	mg/L	lb/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<0.110	<1565				1	mg/L	lb/day			
5A. 2,4-Dinitrophenol (51-28-5)	X			<0.110	<1565				1	mg/L	lb/day			
6A. 2-Nitrophenol (88-75-5)	X			<0.034	<483.8				1	mg/L	lb/day			
7A. 4-Nitrophenol (100-02-7)	X			<0.057	<81.1				1	mg/L	lb/day			
8A. P-Chloro-M-Cresol (59-50-7)	X			<0.023	<327.2				1	mg/L	lb/day			
9A. Pentachlorophenol (87-86-5)	X			<0.110	<1565				1	mg/L	lb/day			
10A. Phenol (108-95-2)	X			<0.023	<327.2				1	mg/L	lb/day			
11A. 2,4,6-Trichlorophenol (88-05-2)	X			<0.023	<327.2				1	mg/L	lb/day			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT			4. UNITS			5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
					(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS											
1B. Acenaphthene (83-32-9)	X			<0.023	<327.2		1	mg/L	lb/day		
2B. Acenaphthylene (208-96-8)	X			<0.023	<327.2		1	mg/L	lb/day		
3B. Anthracene (120-12-7)	X			<0.023	<327.2		1	mg/L	lb/day		
4B. Benzidine (92-87-5)	X			<0.110	<1565		1	mg/L	lb/day		
5B. Benzo (a) Anthracene (56-55-3)	X			<0.023	<327.2		1	mg/L	lb/day		
6B. Benzo (a) Pyrene (50-32-8)	X			<0.023	<327.2		1	mg/L	lb/day		
7B. 3,4-Benzofluoranthene (205-99-2)	X			<0.023	<327.2		1	mg/L	lb/day		
8B. Benzo (ghi) Perylene (191-24-2)	X			<0.023	<327.2		1	mg/L	lb/day		
9B. Benzo (k) Fluoranthene (207-08-9)	X			<0.023	<327.2		1	mg/L	lb/day		
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<0.023	<327.2		1	mg/L	lb/day		
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<0.023	<327.2		1	mg/L	lb/day		
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X			<0.023	<327.2		1	mg/L	lb/day		
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X			<0.023	<327.2		1	mg/L	lb/day		
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			<0.023	<327.2		1	mg/L	lb/day		
15B. Butyl Benzyl Phthalate (85-68-7)	X			<0.023	<327.2		1	mg/L	lb/day		
16B. 2-Chloronaphthalene (91-58-7)	X			<0.023	<327.2		1	mg/L	lb/day		
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X			<0.023	<327.2		1	mg/L	lb/day		
18B. Chrysene (218-01-9)	X			<0.023	<327.2		1	mg/L	lb/day		
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<0.023	<327.2		1	mg/L	lb/day		
20B. 1,2-Dichlorobenzene (95-50-1)	X			<0.001	<14.23		1	mg/L	lb/day		
21B. 1,3-Dichlorobenzene (541-73-1)	X			<0.001	<14.23		1	mg/L	lb/day		

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS			(1) CONCENTRATION	(2) MASS
											b. NO. OF ANALYSES
GC/MS FRACTION - BASENEUTRAL COMPOUNDS (continued)											
22B. 1,4-Dichlorobenzene (106-46-7)	X			<0.001	<14.23			mg/L	1b/day		1
23B. 3,3-Dichlorobenzidine (91-94-1)	X			<0.023	<327.2			mg/L	1b/day		1
24B. Diethyl Phthalate (84-66-2)	X			<0.023	<327.2			mg/L	1b/day		1
25B. Dimethyl Phthalate (131-11-3)	X			<0.046	<654.5			mg/L	1b/day		1
26B. Di-N-Butyl Phthalate (84-74-2)	X			<0.023	<327.2			mg/L	1b/day		1
27B. 2,4-Dinitrotoluene (121-14-2)	X			<0.023	<327.2			mg/L	1b/day		1
28B. 2,6-Dinitrotoluene (806-20-2)	X			<0.023	<327.2			mg/L	1b/day		1
29B. Di-N-Octyl Phthalate (117-84-0)	X			<0.023	<327.2			mg/L	1b/day		1
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<0.023	<327.2			mg/L	1b/day		1
31B. Fluoranthene (206-44-0)	X			<0.023	<327.2			mg/L	1b/day		1
32B. Fluorene (86-73-7)	X			<0.023	<327.2			mg/L	1b/day		1
33B. Hexachlorobenzene (118-74-1)	X			<0.023	<327.2			mg/L	1b/day		1
34B. Hexachlorobutadiene (87-68-3)	X			<0.023	<327.2			mg/L	1b/day		1
35B. Hexachlorocyclopentadiene (77-47-4)	X			<0.023	<327.2			mg/L	1b/day		1
36B. Hexachloroethane (87-72-1)	X			<0.023	<327.2			mg/L	1b/day		1
37B. Indeno (1,2,3-cd) Pyrene (193-38-5)	X			<0.023	<327.2			mg/L	1b/day		1
38B. Isophorone (78-59-1)	X			<0.023	<327.2			mg/L	1b/day		1
39B. Naphthalene (91-20-3)	X			<0.023	<327.2			mg/L	1b/day		1
40B. Nitrobenzene (98-95-3)	X			<0.023	<327.2			mg/L	1b/day		1
41B. N-Nitrosodimethylamine (62-75-9)	X			<0.023	<327.2			mg/L	1b/day		1
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<0.023	<327.2			mg/L	1b/day		1



CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
					(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)														
43B. N-Nitrosodiphenylamine (86-30-6)	X			< 0.023	< 327.2				1	mg/L	1b/day			
44B. Phenanthrene (85-01-8)	X			< 0.023	< 327.2				1	mg/L	1b/day			
45B. Pyrene (129-00-0)	X			< 0.023	< 327.2				1	mg/L	1b/day			
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			< 0.023	< 327.2				1	mg/L	1b/day			
GC/MS FRACTION - PESTICIDES														
1P. Aldrin (309-00-2)														
2P. α-BHC (319-84-6)														
3P. β-BHC (318-85-7)														
4P. γ-BHC (58-89-9)														
5P. δ-BHC (319-86-8)														
6P. Chlordane (57-74-9)														
7P. 4,4'-DDT (50-29-3)														
8P. 4,4'-DDE (72-55-9)														
9P. 4,4'-DDD (72-54-8)														
10P. Dieldrin (60-57-1)														
11P. α-Endosulfan (115-29-7)														
12P. β-Endosulfan (115-29-7)														
13P. Endosulfan Sulfate (1031-07-8)														
14P. Endrin (72-20-8)														
15P. Endrin Aldehyde (7421-93-4)														
16P. Heptachlor (76-44-8)														

EPA I.D. NUMBER (copy from Item 1 of Form 1) **NN0000019**

OUTFALL NUMBER **01A**

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT		4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	b. NO. OF ANALYSES
<b>GC/MS FRACTION - PESTICIDES (continued)</b>									
17P. Heptachlor Epoxide (1024-57-3)									
18P. PCB-1242 (53469-21-8)									
19P. PCB-1254 (11097-69-1)									
20P. PCB-1221 (11104-28-2)									
21P. PCB-1232 (11141-16-5)									
22P. PCB-1248 (12672-29-6)									
23P. PCB-1260 (11096-82-5)									
24P. PCB-1016 (12674-11-2)									
25P. Toxaphene (8001-35-2)									

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.

A.I.D. NUMBER (copy from Item 1 of Form 1)  
XN0000019

OUTFALL NO.  
01B

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

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

1. POLLUTANT	2. EFFLUENT				3. UNITS (specify if blank)				4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	<5.0	<81.3					1	mg/L	lb/day			
b. Chemical Oxygen Demand (COD)	30	4879					1	mg/L	lb/day			
c. Total Organic Carbon (TOC)	<1.0	<163					1	mg/L	lb/day			
d. Total Suspended Solids (TSS)	11	1789					1	mg/L	lb/day			
e. Ammonia (as N)	<0.50	<81.3					1	mg/L	lb/day			
f. Flow	VALUE	19.5	VALUE				Instant	MGD		VALUE		
g. Temperature (winter)	VALUE	21.8	VALUE				cont.	°C		VALUE		
h. Temperature (summer)	VALUE	35.2	VALUE				cont.	°C		VALUE		
i. pH	MINIMUM 7.21	MAXIMUM 8.13	MINIMUM	MAXIMUM			9	STANDARD UNITS				

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

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS				5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS						
a. Bromide (24959-87-8)	X		<0.50	<81.3					1	mg/L	lb/da			
b. Chlorine, Total Residual	X		0.1	16					1	mg/L	lb/da			
c. Color	X		5						1	units				
d. Fecal Coliform		X	5						1	CFU				
e. Fluoride (16984-48-8)	X		1.0	163					1	mg/L	lb/da			
f. Nitrate-Nitrite (as N)	X		<0.20	<32.5					1	mg/L	lb/da			

ITEM V-B VALUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS			5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS
g. Nitrogen, Total Organic (as N)	X		<1.6	<260			1	mg/kg	1b/da			
h. Oil and Grease	X		<5.0	<813			1	mg/L	1b/da			
i. Phosphorus (as P), Total (7723-14-0)	X		<0.10	<16			1	mg/L	1b/da			
j. Radioactivity												
(1) Alpha, Total	X		2.2 +/-0.7				1	pCi/L				
(2) Beta, Total	X		7.9 +/-1.6				1	pCi/L				
(3) Radium, Total	X		0.9 +/-0.1				1	pCi/L				
(4) Radium 226, Total	X		0.9 +/-0.1				1	pCi/L				
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		460	74810			1	mg/L	1b/da			
l. Sulfide (as S)	X		<0.050	<8.13			1	mg/L	1b/da			
m. Sulfite (as SO <sub>3</sub> ) (14285-45-3)	X		<5.0	<813			1	mg/L	1b/da			
n. Surfactants	X		<0.05	<8.13			1	mg/L	1b/da			
o. Aluminum, Total (7429-90-5)	X		0.28	45.5			1	mg/L	1b/da			
p. Barium, Total (7440-39-3)	X		0.21	34.2			1	mg/L	1b/da			
q. Boron, Total (7440-42-8)	X		0.81	132			1	mg/L	1b/da			
r. Cobalt, Total (7440-48-4)	X		<0.040	<6.51			1	mg/L	1b/da			
s. Iron, Total (7439-89-6)	X		0.22	35.8			1	mg/L	1b/da			
t. Magnesium, Total (7439-95-4)	X		33	5367			1	mg/L	1b/da			
u. Molybdenum, Total (7439-98-7)	X		0.032	5.204			1	mg/L	1b/da			
v. Manganese, Total (7439-96-5)	X		0.034	5.529			1	mg/L	1b/da			
w. Tin, Total (7440-31-5)	X		0.49	79.7			1	mg/L	1b/da			
x. Titanium, Total (7440-32-6)	X		<0.050	<8.13			1	mg/L	1b/da			

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1) **NN0000019**  
 OUTFALL NUMBER **01E**

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

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	5. INTAKE (optional)	
					(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS
METALS, CYANIDE, AND TOTAL PHENOLS												
1M. Antimony, Total (7440-36-0)	X			<0.040				1	mg/L	lb/day		
2M. Arsenic, Total (7440-38-2)	X			<0.10				1	mg/L	lb/day		
3M. Beryllium, Total (7440-41-7)	X			<0.0010				1	mg/L	lb/day		
4M. Cadmium, Total (7440-43-8)	X			<0.0010				1	mg/L	lb/day		
5M. Chromium, Total (7440-47-3)	X			<0.010				1	mg/L	lb/day		
6M. Copper, Total (7440-50-8)	X			<0.010				1	mg/L	lb/day		
7M. Lead, Total (7439-92-1)	X			<0.015				1	mg/L	lb/day		
8M. Mercury, Total (7439-97-6)	X			<0.00020				1	mg/L	lb/day		
9M. Nickel, Total (7440-02-0)	X			<0.010				1	mg/L	lb/day		
10M. Selenium, Total (7782-49-2)	X			<0.10				1	mg/L	lb/day		
11M. Silver, Total (7440-22-4)	X			<0.010				1	mg/L	lb/day		
12M. Thallium, Total (7440-28-0)	X			<0.10				1	mg/L	lb/day		
13M. Zinc, Total (7440-66-6)	X			<0.050				1	mg/L	lb/day		
14M. Cyanide, Total (57-12-5)	X			<0.050				1	mg/L	lb/day		
15M. Phenols, Total	X			<0.050				1	mg/L	lb/day		
DIOXIN												
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X											
DESCRIBE RESULTS <11 pg/L, non-detectable												

EPA Form 3510-2C (8-90)

PAGE V-3

CONTINUE ON REVERSE

CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS
GCMS FRACTION - VOLATILE COMPOUNDS												
1V. Acrolein (107-02-8)				<0.05	<8.13			1	mg/L	lb/day		
2V. Acrylonitrile (107-13-1)	X			<0.01	<1.63			1	mg/L	lb/day		
3V. Benzene (71-43-2)	X			<0.001	<0.163			1	mg/L	lb/day		
4V. Bis (Chloromethyl) Ether (542-88-1)												
5V. Bromoform (75-25-2)	X			<0.001	<0.163			1	mg/L	lb/day		
6V. Carbon Tetrachloride (56-23-5)	X			<0.001	<0.163			1	mg/L	lb/day		
7V. Chlorobenzene (108-90-7)	X			<0.001	<0.163			1	mg/L	lb/day		
8V. Chlorodibromomethane (124-48-1)	X			<0.001	<0.163			1	mg/L	lb/day		
9V. Chloroethane (75-00-3)	X			<0.001	<0.163			1	mg/L	lb/day		
10V. 2-ChloroethylVinyl Ether (110-75-8)				<0.005	<0.813							
11V. Chloroform (67-66-3)	X			<0.001	<0.163			1	mg/L	lb/day		
12V. Dichlorobromomethane (75-27-4)	X			<0.001	<0.163			1	mg/L	lb/day		
13V. Dichlorodifluoromethane (75-71-8)	X			<0.001	<0.163			1	mg/L	lb/day		
14V. 1,1-Dichloroethane (75-34-3)	X			<0.001	<0.163			1	mg/L	lb/day		
15V. 1,2-Dichloroethane (107-06-2)	X			<0.001	<0.163			1	mg/L	lb/day		
16V. 1,1-Dichloroethylene (75-35-4)	X			<0.001	<0.163			1	mg/L	lb/day		
17V. 1,2-Dichloropropane (78-87-5)	X			<0.001	<0.163			1	mg/L	lb/day		
18V. 1,3-Dichloropropane (542-75-6)	X			<0.001	<0.163			1	mg/L	lb/day		
19V. Ethylbenzene (100-41-4)	X			<0.001	<0.163			1	mg/L	lb/day		
20V. Methyl Bromide (74-83-9)	X			<0.005	<0.813			1	mg/L	lb/day		
21V. Methyl Chloride (74-87-3)	X			<0.005	<0.813			1	mg/L	lb/day		

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS				5. INTAKE (optional)	
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		a. CONCENTRATION	b. MASS	d. NO. OF ANALYSES	a. LONG TERM AVERAGE VALUE (1)	b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)												
22V. Methylene Chloride (75-09-2)	X			<0.002	<0.325				1	mg/L	1b/day	
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<0.001	<0.163				1	mg/L	1b/day	
24V. Tetrachloroethylene (127-18-4)	X			<0.001	<0.163				1	mg/L	1b/day	
25V. Toluene (108-88-3)	X			<0.001	<0.163				1	mg/L	1b/day	
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<0.001	<0.163				1	mg/L	1b/day	
27V. 1,1,1-Trichloroethane (71-55-6)	X			<0.001	<0.163				1	mg/L	1b/day	
28V. 1,1,2-Trichloroethane (79-00-5)	X			<0.001	<0.163				1	mg/L	1b/day	
29V. Trichloroethylene (79-01-6)	X			<0.001	<0.163				1	mg/L	1b/day	
30V. Trichlorofluoromethane (75-69-4)	X			<0.001	<0.163				1	mg/L	1b/day	
31V. Vinyl Chloride (75-01-4)	X			<0.001	<0.163				1	mg/L	1b/day	
GC/MS FRACTION - ACID COMPOUNDS												
1A. 2-Chlorophenol (85-57-8)	X			<0.020	<3.253				1	mg/L	1b/day	
2A. 2,4-Dichlorophenol (120-83-2)	X			<0.020	<3.253				1	mg/L	1b/day	
3A. 2,4-Dimethylphenol (105-67-8)	X			<0.020	<3.253				1	mg/L	1b/day	
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<0.100	<16.26				1	mg/L	1b/day	
5A. 2,4-Dinitrophenol (51-28-5)	X			<0.100	<16.26				1	mg/L	1b/day	
6A. 2-Nitrophenol (88-75-5)	X			<0.030	<4.879				1	mg/L	1b/day	
7A. 4-Nitrophenol (100-02-7)	X			<0.050	<8.132				1	mg/L	1b/day	
8A. p-Chloro-M-Cresol (69-50-7)	X			<0.020	<3.253				1	mg/L	1b/day	
9A. Pentachlorophenol (87-86-5)	X			<0.100	<16.26				1	mg/L	1b/day	
10A. Phenol (108-95-2)	X			<0.020	<3.253				1	mg/L	1b/day	
11A. 2,4,6-Trichlorophenol (88-05-2)	X			<0.020	<3.253				1	mg/L	1b/day	

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1)		b. NO. OF ANALYSES
					(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS														
1B. Acenaphthene (83-32-9)	X			<0.020	<3.253				1	mg/L	lb/day			
2B. Acenaphthylene (208-96-8)	X			<0.020	<3.253				1	mg/L	lb/day			
3B. Anthracene (120-12-7)	X			<0.020	<3.253				1	mg/L	lb/day			
4B. Benzidine (92-87-5)	X			<0.100	<16.26				1	mg/L	lb/day			
5B. Benzo (a) Anthracene (56-55-3)	X			<0.020	<3.253				1	mg/L	lb/day			
6B. Benzo (a) Pyrene (50-32-8)	X			<0.020	<3.253				1	mg/L	lb/day			
7B. 3,4-Benzo-fluoranthene (205-98-2)	X			<0.020	<3.253				1	mg/L	lb/day			
8B. Benzo (ghi) Perylene (191-24-2)	X			<0.020	<3.253				1	mg/L	lb/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X			<0.020	<3.253				1	mg/L	lb/day			
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<0.020	<3.253				1	mg/L	lb/day			
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<0.020	<3.253				1	mg/L	lb/day			
12B. Bis (2-Chloroisopropyl) Ether (102-90-1)	X			<0.020	<3.253				1	mg/L	lb/day			
13B. Bis (2-Ethyl-hexyl) Phthalate (117-91-7)	X			<0.020	<3.253				1	mg/L	lb/day			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X			<0.020	<3.253				1	mg/L	lb/day			
15B. Butyl Benzyl Phthalate (85-66-7)	X			<0.020	<3.253				1	mg/L	lb/day			
16B. 2-Chloro-naphthalene (91-59-7)	X			<0.020	<3.253				1	mg/L	lb/day			
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<0.020	<3.253				1	mg/L	lb/day			
18B. Chrysene (218-01-9)	X			<0.020	<3.253				1	mg/L	lb/day			
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<0.020	<3.253				1	mg/L	lb/day			
20B. 1,2-Dichloro-benzene (95-50-1)	X			<0.001	<0.163				1	mg/L	lb/day			
21B. 1,3-Di-chloro-benzene (54-1-73-1)	X			<0.001	<0.163				1	mg/L	lb/day			



1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS				5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)		b. MAXIMUM 30 DAY VALUE (if available) (1)		c. LONG TERM AVRG. VALUE (if available) (1)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1)	b. NO. OF ANALYSES
				CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS					
GC/MS FRACTION - BASENEUTRAL COMPOUNDS (continued)														
22B. 1,4-Dichlorobenzene (106-46-7)	X			<0.001	<0.163					1	mg/L	lb/day		
23B. 3,3-Dichlorobenzidine (91-94-1)	X			<0.020	<3.253					1	mg/L	lb/day		
24B. Diethyl Phthalate (84-66-2)	X			<0.020	<3.253					1	mg/L	lb/day		
25B. Dimethyl Phthalate (131-11-3)	X			<0.040	<6.51					1	mg/L	lb/day		
26B. Di-N-Butyl Phthalate (84-74-2)	X			<0.020	<3.253					1	mg/L	lb/day		
27B. 2,4-Dinitrotoluene (121-14-2)	X			<0.020	<3.253					1	mg/L	lb/day		
28B. 2,6-Dinitrotoluene (606-20-2)	X			<0.020	<3.253					1	mg/L	lb/day		
29B. Di-N-Octyl Phthalate (117-84-0)	X			<0.020	<3.253					1	mg/L	lb/day		
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<0.020	<3.253					1	mg/L	lb/day		
31B. Fluoranthene (206-44-0)	X			<0.020	<3.253					1	mg/L	lb/day		
32B. Fluorene (86-73-7)	X			<0.020	<3.253					1	mg/L	lb/day		
33B. Hexachlorobenzene (118-74-1)	X			<0.020	<3.253					1	mg/L	lb/day		
34B. Hexachlorobutadiene (87-68-3)	X			<0.020	<3.253					1	mg/L	lb/day		
35B. Hexachlorocyclopentadiene (77-47-4)	X			<0.020	<3.253					1	mg/L	lb/day		
36B. Hexachloroethane (67-72-1)	X			<0.020	<3.253					1	mg/L	lb/day		
37B. Indeno (1,2,3-cd) Pyrene (195-39-5)	X			<0.020	<3.253					1	mg/L	lb/day		
38B. Isophorone (78-59-1)	X			<0.020	<3.253					1	mg/L	lb/day		
39B. Naphthalene (91-20-3)	X			<0.020	<3.253					1	mg/L	lb/day		
40B. Nitrobenzene (98-95-3)	X			<0.020	<3.253					1	mg/L	lb/day		
41B. N-Nitrosodimethylamine (62-75-9)	X			<0.020	<3.253					1	mg/L	lb/day		
42B. N-Nitrosod-N-Propylamine (621-84-7)	X			<0.020	<3.253					1	mg/L	lb/day		

CONTINUE FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)	
	a. TESTING REQUIRED (if available)	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM 30 DAY VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	
				(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)										
43B. N-Nitro-sodiphenylamine (86-30-6)	X			<0.020	<3.253	1	mg/L	1b/day		
44B. Phenanthrene (85-01-8)	X			<0.020	<3.253	1	mg/L	1b/day		
45B. Pyrene (129-00-0)	X			<0.020	<3.253	1	mg/L	1b/day		
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<0.020	<3.253	1	mg/L	1b/day		
GC/MS FRACTION - PESTICIDES										
1P. Aldrin (309-00-2)										
2P. α-BHC (319-84-6)										
3P. β-BHC (319-85-7)										
4P. γ-BHC (58-89-9)										
5P. δ-BHC (319-86-8)										
6P. Chlordane (57-74-9)										
7P. 4,4'-DDT (50-29-3)										
8P. 4,4'-DDE (72-55-9)										
9P. 4,4'-DDD (72-54-8)										
10P. Dieldrin (60-57-1)										
11P. α-Endosulfan (115-29-7)										
12P. β-Endosulfan (115-29-7)										
13P. Endosulfan Sulfate (1031-07-8)										
14P. Endrin (72-20-8)										
15P. Endrin Aldehyde (7421-93-4)										
16P. Heptachlor (76-44-8)										

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) **NN0000019**      **OUTFALL NUMBER** **01E**

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1)	b. MAXIMUM 30 DAY VALUE (if available) (1)	c. LONG TERM AVRG. VALUE (if available) (1)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1)	b. NO. OF ANALYSES
<b>GC/MS FRACTION - PESTICIDES (continued)</b>											
17P. Heptachlor Epoxide (1024-57-3)											
18P. PCB-1242 (53469-21-9)											
19P. PCB-1254 (11087-69-1)											
20P. PCB-1221 (11104-28-2)											
21P. PCB-1232 (11141-16-5)											
22P. PCB-1248 (12672-29-6)											
23P. PCB-1260 (11096-82-5)											
24P. PCB-1016 (12674-11-2)											
25P. Toxaphene (8001-35-2)											