

<b>V. EFFLUENT CHARACTERISTICS</b> <i>(continued from page 2 of Form 2D)</i>		OUTFALL NO.
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**PART A** - You must provide estimated amounts (both concentration and mass). *Complete one table for each outfall.* See instructions for additional details.

1. POLLUTANT	2. EFFLUENT					3. UNITS		4. SOURCE
	a. MAXIMUM DAILY VALUE		b. LONG TERM AVERAGE VALUE <i>(if available)</i>		c. NO. OF ANALYSES			
	CONC.	MASS	CONC.	MASS		CONC.	MASS	
Biochemical Oxygen Demand (BOD)								
Chemical Oxygen Demand (COD)								
Total Organic Carbon (TOC)								
Total Suspended Solids (TSS)								
Ammonia (as N)								
Flow	VALUE		VALUE					
Temperature (winter)	VALUE		VALUE					EC
Temperature (summer)	VALUE		VALUE					EC
pH	MINIMUM	MAXIMUM						STANDARD UNITS

**PART B** - Mark "X" in column 2 for each pollutant you know or have reason to believe will be discharged or which is limited directly by an applicable effluent limitations guideline or NSPS or indirectly through limitations on an indicator pollutant. If you mark column 2 for any pollutant, you must provide an estimate of data for that pollutant. *Complete one table for each outfall.* See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. <i>(if available)</i>	2. MARK "X" If believe will be discharged or limited by an ELG or NSPS	3. EFFLUENT				c. NO. OF ANALYSES	4. UNITS		5. SOURCE
		a. MAXIMUM DAILY VALUE		b. LONG TERM AVG. VALUE <i>(if available)</i>					
		CONC.	MASS	CONC.	MASS		CONC.	MASS	
Bromide (24959-67-9)									
Chlorine, Total Residual									
Color									
Fecal Coliform									

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" If believe will be discharged or limited by an ELG or NSPS	3. EFFLUENT					4. UNITS		5. SOURCE
		a. MAXIMUM DAILY VALUE		b. LONG TERM AVG. VALUE (if available)		c. NO. OF ANALYSES	CONC.	MASS	
		CONC.	MASS	CONC.	MASS				
Fluoride (16984-48-8)									
Nitrate-Nitrite (as N)									
Nitrogen, Total Organic (as N)									
Oil and Grease									
Phosphorus (as P), Total (7723-14-0)									
Radioactivity									
(1) Alpha, Total									
(2) Beta, Total									
(3) Radium, Total									
(4) Radium 226, Total									
Sulfate (as SO4) (14808-79-8)									
Sulfide (as S)									
Sulfite(as so3) (14265-45-3)									
Surfactants									
Aluminum , Total (7429-90-5)									
Barium, Total (7440-39 -3)									
Boron, Total (7440-42-8)									
Cobalt, Total (7440-48-4)									
Iron, Total (7439-89-6)									
Magnesium, Total (7439-95-4)									
Molybdenum, Total (7439-98-7)									
Manganese, Total (7439-96-5)									
Tin, Total (7440-31-5)									
Titanium, Total (7440-32-6)									

**PART C** -. Mark "X" in column 2 for each pollutant you know or have reason to believe will be discharged or which are limited directly by an applicable effluent limitations guideline or NSPS or indirectly through limitations on an indicator pollutant. If you mark column 2 for any pollutant, you must provide an estimate of data for that pollutant. The priority pollutants in Part C are divided into three sections. For Section 2 (Dioxin or TCDD), you are also required to report an estimate if you will use or manufacture one of the following six compounds :1) 2,4,5-T, 2) 2,4,5-TP, 3) Erbon, 4) Ronnel, 5) TCP, and 6) HCP. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" If believe will be discharged or limited by an ELG or NSPS	3. EFFLUENT					4. UNITS		5. SOURCE
		a. MAXIMUM DAILY VALUE		b. LONG TERM AVG. VALUE (if available)		c. NO. OF ANALYSES	CONC.	MASS	
		CONC.	MASS	CONC.	MASS				
<b>SECTION 1. METALS, CYANIDE AND TOTAL PHENOLS</b>									
Antimony, Total (7440-36-0)									
Arsenic, Total (7440-38-2)									
Beryllium, Tota (7440-41-7)									
Cadmium, Total (7440-43-9)									
Chromium, Total (7440-47-3)									
Copper, Total (7440-50-8)									
Lead, Total (7439-92-1)									
Mercury, Total (7439-97-6)									
Nickel, Total (7440-02-0)									
Selenium, Total (7782-49-2)									
Silver, Total (7440-22-4)									
Thallium, Total (7440-28-0)									
Zinc, Total (7440-66-6)									
Cyanide, Total (57-12-5)									
Phenols, Total									
<b>SECTION 2. DIOXIN</b>									
2,3,7,8- Tetra- chlorodibenzo-P- Dioxin (1764-01-6)		DESCRIBE RESULTS:							

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" If believe will be discharged or limited by an ELG or NSPS	3. EFFLUENT					4. UNITS		5. SOURCE
		a. MAXIMUM DAILY VALUE		b. LONG TERM AVG. VALUE (if available)		c. NO. OF ANALYSES	CONC.	MASS	
		CONC.	MASS	CONC.	MASS				
<b>SECTION 3. GC/MS FRACTION - VOLATILE COMPOUNDS</b>									
Acrolein (107-02-8)									
Acrylonitrile (107-13-1)									
Benzene (71-43-2)									
Bromoform (75-25-2)									
Carbon Tetrachloride (56-23-5)									
Chlorobenzene (108-90-7)									
Chlorodibromo-methane (124-48-1)									
Chloroethane (75-00-3)									
2-Chloroethylvinyl Ether (110-75-8)									
Chloroform (67-66-3)									
Dichlorobromo-methane (75-27-4)									
1,1-Dichloroethane (75-34-3)									
1,2 -Dichloroethane (107-06-2)									
1,1- Dichloroethylene (75-35-4)									
1,2-Dichloropropane (78-87-5)									
1,3-Dichloropro-pylene (542-75-6)									
Ethylbenzene (100-41-4)									
Methyl Bromide (74-83-9)									
Methyl Chloride (74-87-3)									
Methylene Chloride (75-09-2)									
1,1,1,2-Tetrachloro-ethane (79-34-5)									
Tetrachloroethylene (127-18-4)									
Toluene (108-88-3)									

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		a. MAXIMUM DAILY VALUE		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	CONC.	MASS	
		CONC.	MASS	CONC.	MASS				
1,2 Trans Dichloro-ethylene (15660-5)									
1,1,1 Trichloroethane (71-55-6)									
1,1,2 Trichloroethane (79-00-5)									
Trichloroethylene (79-01-6)									
Vinyl Chloride (75-01-4)									
<b>SECTION 3. GC/MS FRACTIONS - ACID COMPOUNDS</b>									
2-Chlorophenol (95-57-8)									
2,4- Dichlorophenol (120-83-2)									
2,4- Dimethylphenol (105-67-9)									
4,6-Dinitro-O-Cresol (534-52-1) [2-methyl 4,6, dinitrophenol]									
2,4-Dinitrophenol (51-28-5)									
2-Nitrophenol (88-75-5)									
4-Nitrophenol (100-02-7)									
P-Chloro-M-Cresol (59-50-7)									
Pentachlorophenol (87-86-5)									
Phenol (108-95-2)									
2,4,6-Trichlorophenol (88-06-2)									
<b>SECTION 3. GC/MS FRACTION - BASE / NEUTRAL COMPOUNDS</b>									
Acenaphtene (83-32-9)									
Acenaphtylene (208-96-8)									
Anthracene (120-12-7)									
Benzidine (92-87-5)									
Benzo(a) Anthracene (56-55-3)									
Benzo(a) Pyrene (50-32-8)									
3,4-Benzofluor-anthene (205-99-2)									

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		a. MAXIMUM DAILY VALUE		c. LONG TERM AVG. VALUE (if available)				d. NO. OF ANALYSES
		CONC.	MASS	CONC.	MASS			
Benzo (ghi) Perylene (191-24-2)								
Benzo (k) Fluor-anthene (207-08-9)								
Bis (2-Chloroethoxy) Methane (111-91-1)								
Bis (2-Chloroethyl) Ether (111-44-4)								
Bis (2-Chloroiso-propyl) Ether (102-60-1)								
Bis (2-Ethylhexyl) Phthalate (117-81-7)								
4-Bromophenyl Phenyl Ether (101-55-3)								
Butyl Benzyl Phthalate (85-68-7)								
2- Chloronaphthylene (91-58-7)								
4-Chloro-phenyl Phenyl Ether (7005-72-3)								
Chrysene (218-01-9)								
Dibenzo (a,h) Anthracene (53-70-3)								
1,2-Dichlorobenzene (95-50-1)								
1,3-Dichlorobenzene (541-73-1)								
1,4-Dichlorobenzene (106-46-7)								
3,3'-Dichlorobenzidine (91-94-1)								
Diethyl Phthalate (84-66-2)								
Dimethyl Phthalate (131-11-3)								
Di-N-Butyl Phthalate (84-74-2)								
2,4-Dinitrotoluene (121-14-2)								
2,6-Dinitrotoluene (606-20-2)								
Di-N-Octyl Phthalate (117-84-0)								
1,2-Diphenylhydra-zine (as Azobenzene) (122-66-7)								

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		a. MAXIMUM DAILY VALUE		c. LONG TERM AVG. VALUE (if available)				d. NO. OF ANALYSES
		CONC.	MASS	CONC.	MASS			
Fluoranthene (206-44-0)								
Fluorene (86-73-7)								
Hexachlorobenzene (118-74-1)								
Hexachlorobutadiene (87-68-3)								
Hexachlorocyclo-pentadiene (77-47-4)								
Hexachloroethane (67-72-1)								
Indeno (1,2,3-cd) Pyrene (193-39-5)								
Isophorone (78-59-1)								
Naphthalene (91-20-3)								
Nitrobenzene (98-95-3)								
N-Nitrosodimethyl-amine (62-75-9)								
N-Nitrosodi-N-Propylamine (621-64-7)								
N-Nitrosodi-phenylamine (86-30-6)								
Phenanthrene (85-01-8)								
Pyrene (129-00-0)								
1,2,4-Trichloro-benzene (120-82-1)								
<b>SECTION 3. GC/MS FRACTION - PESTICIDES</b>								
Aldrin (309-00-2)								
"-BHC (319-84-6)								
§-BHC (319-85-7)								
(-BHC (58-89-9)								
*-BHC (319-86-8)								
Chlordane (57-74-9)								

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		a. MAXIMUM DAILY VALUE		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	CONC.	MASS	
		CONC.	MASS	CONC.	MASS				
4,4'-DDT (50-29-3)									
4,4'-DDE (72-55-9)									
4,4'-DDD (72-54-8)									
Dieldrin (60-57-1)									
"-Endosulfan (115-29-7)									
\$-Endosulfan (115-29-7)									
Endosulfan Sulfate (1031-07-8)									
Endrin(72-20-8)									
Endrin Aldehyde (7421-93-4)									
Heptachlor (76-44-8)									
Heptachlor Epoxide (1024-57-3)									
PCB-1242 (53469-21-9)									
PCB-1254 (11097-69-1)									
PCB-1221 (11104-28-2)									
PCB-1232 (11141-16-5)									
PCB-1248 (12672-29-6)									
PCB-1260 (11096-82-5)									
PCB-1016 (12674-11-2)									
Toxaphene (8001-35-2)									



