



Wyoming Pollutant Discharge Elimination System (WYPDES)

Department of Environmental Quality
 Application for Permit to Discharge Wastewater for:

Industrial operations, Form G

February 2015

Official Use only
 Date Received:

- ✓ Please print or type. Submission of illegible materials will result in return of the application to the applicant.
- ✓ All items must be completed accurately and in their entirety or the application will be deemed incomplete and the processing will be delayed or application returned.
- ✓ An original signature of the applicant is required. Faxes cannot be accepted.

1. Check the box corresponding to the type of application being applied for:

- New
- Renewal
- Major modification Permit number _____ Expiration Date: _____

2. General Facility Location: Township(s) _____ Range(s) _____

3. Facility Street address if applicable: _____

4. Receiving Waters _____

5. Name of the facility producing the discharge

6. Standard Industrial Classification code (SIC Code) _____ and primary industrial category, per Table I, Appendix B (If Applicable): _____.

7. Permittee and Consultant (if applicable) Contact Information:

<i>Permittee Contact Name</i>	<i>Consultant Contact Name</i>
<i>Company Name</i>	<i>Company Name</i>
<i>Mailing Address</i>	<i>Mailing Address</i>
<i>City, State, and Zip Code</i>	<i>City, State, and Zip Code</i>
<i>Telephone Number</i>	<i>Telephone Number</i>
<i>E-Mail Address</i>	<i>E-Mail Address</i>
<i>Preference for contact:</i>	<i>Preference for contact:</i>

8. Status of applicant: Federal State private public Other _____

9. Status of applicant (check more than one): Owner Operator

10. Please include a brief description of the nature of the business conducted at this facility and principal products or services provided by the facility.

11. Please describe each type of process, operation or production area that contributes wastewater to the effluent for each outfall and the average flow which each process contributes.

12. Please include a brief description of the wastewater treatment at the facility, including the ultimate disposal of any solid or liquid wastes other than by discharge.

13. **For new facilities**, the expected date of commencement of discharge. _____

For existing facilities, provide actual flow data from each outfall within the last six months

Will discharge be continuous or intermittent?

If the discharge is to be intermittent the following information for each outfall shall be provided:

- (I) Number of times per year the discharge is to occur.
- (II) Anticipated duration of each discharge.
- (III) Anticipated flow of each discharge.
- (IV) Months in which discharge is expected to occur.

14. If requesting modification of existing permit, describe modification requests:

b. For each change or improvement, provided projected dates, as accurately as possible, for completion of each step listed below:

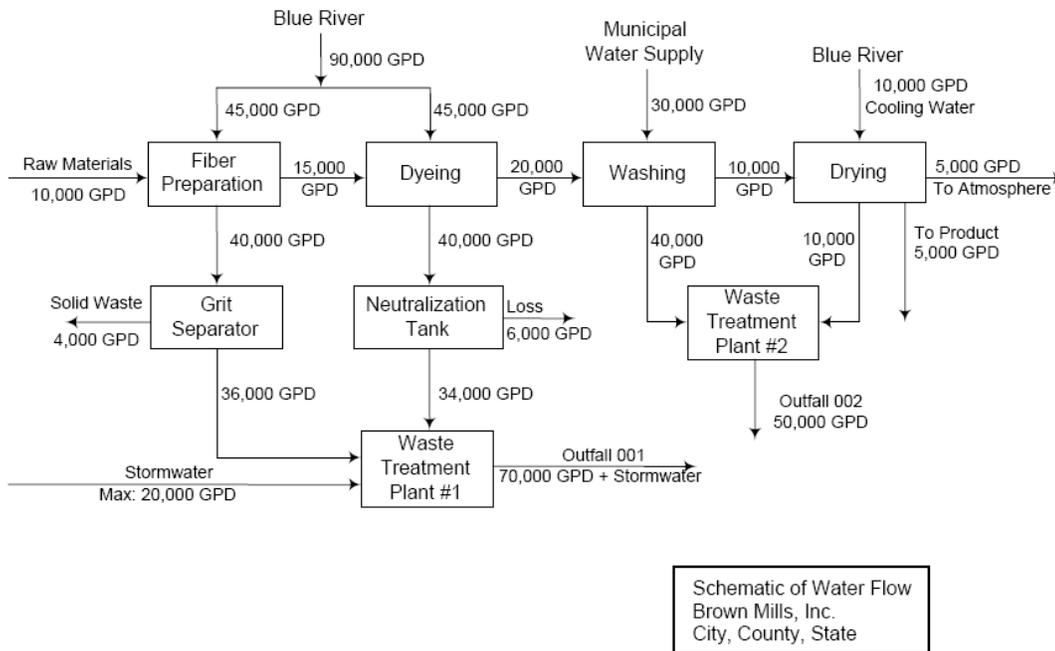
- 1. Begin Construction: _____
- 2. End Construction: _____
- 3. Begin Discharge: _____
- 4. Operational Level Attained: _____

Landowner or lessee's contact information (additional spaces may be added as necessary):

<i>Landowner #1 Name</i>	<i>Landowner #2 Name</i>
<i>Mailing Address</i>	<i>Mailing Address</i>
<i>City, State, and Zip Code</i>	<i>City, State, and Zip Code</i>

15. Facility Flow Diagram:

Please provide a schematic line drawing showing the water flow and water balance through the facility. The water balance must show approximate average flows at intake and discharge points and between units, including treatment units. If a water balance cannot be determined, a pictorial description of the nature and amount of any sources of water and any collection and treatment measures may be provided. Note the following example:



16. Outfall location: Complete the attached **Appendix A, Table 1**.

17. Outfall Characterization: Complete the attached **Appendix A, Table 2**. See application instructions for details.

a. Will any flocculants (settling agents or chemical additives) be used to treat water prior to discharge?

YES

NO

If yes, list here the chemical name, manufacture, and purpose. Include MSDS sheets. _____

18. Please complete **Appendix A, Tables 2 and 3** for each outfall.

19. Complete **Appendix A, Table 4** only if you are 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.

20. Facility map: Attach a description and a clear, legible, detailed topographic map of the discharging facility that extending one mile beyond the property boundaries of the source. Include the following:
- a. A legend
 - b. Well locations where fluids from the facility are injected underground
 - c. Retention Ponds
 - d. Each intake sites
 - e. Discharge points (outfalls)
 - f. Monitoring and/or compliance points
 - g. Hazardous waste treatment, storage, or disposal facilities
 - h. Immediate receiving streams
 - i. Section, Township, and Range information
 - j. Wells, springs, other surface water bodies, drinking water wells, and surface water intake structures listed in public records, or otherwise known to the applicant in the map area.
 - f. Location of treatment facilities
21. Describe the control measures that will be implemented to prevent significant damage to or erosion of the receiving water channel at the outfall(s)_____

22. Production:

- a. Does an effluent guideline limitation or standard apply to your facility (e.g. metal finishing, fertilizer manufacturing, etc) as stated under Section 306 of the Clean Water Act? (Contact Wyoming DEQ with questions)
 - YES (complete item 21B below) NO
- b. Are the limitations in the applicable effluent guideline express in terms of production or other measure of operation? (In Wyoming, primarily *petroleum refining* and *cheese production*)
 - YES (complete table below) NO

Affected outfalls	Quantity per day*	Units of Measure	Specify Operation, Product, or Materials

*For new facilities and outfalls, please provide a reasonable measure of expected production. For existing facilities or outfalls, please provide a measure of actual production.

23. If applicable, provide a list of any toxic pollutants which the applicant currently uses or manufactures as an intermediate or final product or byproduct.

24. Effluent Characterization

All water quality samples shall be taken as grab samples and analyzed in accordance with 40 CRF Part 136 unless use of another method is required for the pollutant under 40 CFR Subparts N and O.

All applicants must analyze and submit the results for the constituents listed below (see Table 1, Appendix B).

- Biochemical Oxygen Demand (BOD5)
- Chemical Oxygen Demand
- Total Organic Carbon
- Total Suspended Solids
- Ammonia (as N)
- Temperature
- pH
- Color of Discharge

Primary Industries:

A primary industry is any industry listed under the Primary Industrial Category in Appendix B, Table II.

If you are a primary industry (refer to Appendix B, Table II), samples must be collected for all fractions identified in Appendix B, Table I. For **Appendix B, Tables IIA – III**, mark “X” in the Required Testing column for each fraction related to your industry and provide the sample result. Sample results must be provided for each outfall that has the potential to discharge process wastewater.

For **Appendix B, Table IV**, mark “X” in column “Believed Present” for each pollutant you know or have reason to believe is present. Mark “X” in column “Believed Absent” for each pollutant you believe is absent. If an applicable federal effluent limitations guideline limits the pollutant through permit effluent limitations, the applicant must report quantitative data. For every pollutant discharged which is not so limited in an effluent limitations guideline, the applicant must either report quantitative data **or** briefly describe the reasons the pollutant is expected to be discharged.

For **Appendix B, Table V**, circle the pollutants you know or have reason to believe are present. For every pollutant from Table V expected to be discharged, from each outfall, provide a brief description of the reasons the pollutant is expected to be discharged, and report any quantitative data you may have.

Base your determination of whether a pollutant will be present in your discharge on your knowledge of the facility’s raw materials, maintenance chemicals, intermediate and final products, byproducts, and any analyses of your effluent or of any similar effluent. You may also provide the determination and the estimates based on available in-house or contractor’s engineering reports or any other studies performed on the facilities.

Secondary Industries:

A secondary industry is an industry that is not listed under the primary Industrial Category in Appendix B, Table II.

For **Appendix B, Tables IIA – III**, mark “X” in column “Believed Present” for each pollutant you know or have reason to believe is present. Mark “X” in column “Believed Absent” for each pollutant you believe is absent. If you mark column “Believed Present” 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 “Believed Present” 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 “Believed Present”, you must either submit at least one analysis **or** briefly describe the reasons the pollutant is expected to be discharged.

For **Appendix B, Table IV**, mark “X” in column “Believed Present” for each pollutant you know or have reason to believe is present. Mark “X” in column “Believed Absent” for each pollutant you believe is absent. If an applicable federal effluent limitations guideline limits the pollutant through permit effluent limitations, the applicant must report quantitative data. For every pollutant discharged which is not so limited in an effluent limitations guideline, the applicant must either report quantitative data **or** briefly describe the reasons the pollutant is expected to be discharged.

For **Appendix B, Table V**, circle the pollutants you know or have reason to believe are present. For every pollutant from Table V expected to be discharged, from each outfall, provide a brief description of the reasons the pollutant is expected to be discharged, and report any quantitative data you may have.

Base your determination of whether a pollutant will be present in your discharge on your knowledge of the facility’s raw materials, maintenance chemicals, intermediate and final products, byproducts, and any analyses of your effluent or of any similar effluent. You may also provide the determination and the estimates based on available in-house or contractor’s engineering reports or any other studies performed on the facilities.

For New Industrial Facilities:

For **Appendix B, Tables IIA – IV**, mark “X” in column “Believed Present” for each pollutant you know or have reason to believe is present. Mark “X” in column “Believed Absent” for each pollutant you believe is absent. For each pollutant marked as “Believed Present” provide an estimated daily maximum concentration in the “Water Sample Results” column.

For **Appendix B, Table V**, circle the pollutants you know or have reason to believe are present (no estimated daily maximum concentrations are required).

Base your determination of whether a pollutant will be present in your discharge on your knowledge of the facility’s raw materials, maintenance chemicals, intermediate and final products, byproducts, and any analyses of your effluent or of any similar effluent. You may also provide the determination and the estimates based on available in-house or contractor’s engineering reports or any other studies performed on the facilities.

Each applicant must report the existence of any technical evaluation concerning the wastewater treatment that will be utilized, along with the name and location of similar plants, if information is available.

25. Use Appendix B, **Table VI** to list any of the pollutants, for which you are not required to submit a water quality analysis, listed in **Appendix B, Tables II – V** below 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 to be present and report any analytical data in your possession.

26. 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 receiving water in relation to your discharge within the last three years?

YES

NO

If yes, identify the tests and describe their purpose below:

27. Dioxin testing: Each applicant for existing facilities must report qualitative data, generated using a screening procedure not calibrated with analytical standards for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) if it :

- i. Used or manufactures 2,4,5-trichlorophenoxy acetic acid (2,4,5,-T), 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5,-TP); 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon); 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate; 2,4,5-trichlorophenol (TCP); or hexachlorophene (HCP); or
- ii. Knows or has reason to believe that TCDD is or may be present in an effluent.
- iii. Applicants for new facilities must report if 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) may be discharged if any of the pollutants defined in 31.i above are used or manufactured or if there is reason to believe that TCDD will or may be present in the effluent.

28. For applications for existing facilities, has the facility ever exceeded permit limits or water quality standards?

YES

NO

If yes,

a. Which constituents?

b. Has the exceedance been addressed?

c. Describe how the exceedance was addressed.

d. *If the facility has never discharged or has not yet been constructed, please indicate below.*

YES

NO

Report the existence of any technical evaluation concerning the applicant's wastewater treatment, along with the name and location of similar plants.

29. Other information: Any optional information the permittee wishes to have considered:

30. Signature

Authorized signatories for this application are the following:	
<i>For corporations:</i>	<i>A principal executive officer of at least the level of vice president, or the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the overall operation of the facility from which the discharge originates.</i>
<i>For partnerships:</i>	<i>A general partner.</i>
<i>For a sole proprietorship:</i>	<i>The proprietor.</i>
<i>For a municipal, state, federal or other public facility:</i>	<i>Either a principal executive officer or ranking elected official.</i>

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.

_____	_____
Printed Name of Person Signing	Title
_____	_____
Signature of Applicant	Date
_____	_____
Telephone	Fax

Section 35-11-901 of Wyoming Statutes provides that:

*All permit applications must be signed in accordance with 40 CFR Part 122.22, "for" or "by" signatures are not acceptable.

Section 35-11-901 of Wyoming Statutes provides that:

Any person who knowingly makes any false statement, representation, or certification in any application ... shall upon conviction be fined not more than \$10,000 or imprisoned for not more than one year, or both.

Wyoming Statute 35-11-312 was revised to require discharge permit fees be paid prior to permit issuance. Therefore, payment of permit fees must be accompanied with the application. Any application received without proper fee payment will be returned.

Individual permits are issued for a period of five years. A check for \$500 per permit must be included with all applications for new permits and renewals for individual WYPDES permits.

I have enclosed a check for \$ _____

Check Number _____

<u>For Agency Use Only</u>
Date Check Received _____
Check Amount _____
Permit Term _____
Approval _____

Appendix A, Outfall Characterization

TABLE 1: Outfall Location Information									
Discharge Point (Outfall) #	Quarter/Quarter	Section	Township	Range	Latitude (NAD 83, decimal degrees accurate to a minimum of 5 decimal places) North	Longitude (NAD 83, decimal degrees accurate to a minimum of 5 decimal places) West	Immediate Receiving Stream	Mainstem (closest perennial water)	County
001									
002									
003									
004									
005									

Appendix A, Narrative Outfall Descriptions

Table 2, Narrative Outfall Descriptions						
<u>Outfall number</u>	Final Treatment Unit	Water Source #1	Water Source #2	Water Source #3	Indicate if outfall discharge is: A. Continuous B. Intermittent C. Seasonal D. No Discharge (indicate one for each outfall)	Treatment (Description or List codes from “Wastewater Treatment Codes”, Next Page)
(example) 001	Bottom Ash Settling Pond	Bottom Ash Runoff	Floor Drain Runoff	Metal Cleaning Wastewater	Continuous	1-U, 4-A
001						
002						
003						
004						
005						
006						
007						

Additional spaces/tables may be included as necessary. Use the format provided.

Wastewater Treatment Codes

PHYSICAL TREATMENT PROCESSES

1-A	Ammonia Stripping	1-M	Grit Removal
1-B	Dialysis	1-N	Microstraining
1-C	Diatomaceous Earth Filtration	1-O	Mixing
1-D	Distillation	1-P	Moving Bed Filters
1-E	Electrodialysis	1-Q	Multimedia Filtration
1-F	Evaporation	1-R	Rapid Sand Filtration
1-G	Flocculation	1-S	Reverse Osmosis (<i>Hyperfiltration</i>)
1-H	Flotation	1-T	Screening
1-I	Foam Fractionation	1-U	Sedimentation (<i>Settling</i>)
1-J	Freezing	1-V	Slow Sand Filtration
1-K	Gas-Phase Separation	1-W	Solvent Extraction
1-L	Grinding (<i>Comminutors</i>)	1-X	Sorption

CHEMICAL TREATMENT PROCESSES

2-A	Carbon Adsorption	2-G	Disinfection (<i>Ozone</i>)
2-B	Chemical Oxidation	2-H	Disinfection (<i>Other</i>)
2-C	Chemical Precipitation	2-I	Electrochemical Treatment
2-D	Coagulation	2-J	Ion Exchange
2-E	Dechlorination	2-K	Neutralization
2-F	Disinfection (<i>Chlorine</i>)	2-L	Reduction

BIOLOGICAL TREATMENT PROCESSES

3-A	Activated Sludge	3-E	Pre-Aeration
3-B	Aerated Lagoons	3-F	Spray Irrigation/Land Application
3-C	Anaerobic Treatment	3-G	Stabilization Ponds
3-D	Nitrification-Denitrification	3-H	Trickling Filtration

OTHER PROCESSES

4-A	Discharge to Surface Water	4-C	Reuse/Recycle of Treated Effluent
4-B	Ocean Discharge Through Outfall	4-D	Underground Injection

SLUDGE TREATMENT AND DISPOSAL PROCESSES

5-A	Aerobic Digestion	5-M	Heat Drying
5-B	Anaerobic Digestion	5-N	Heat Treatment
5-C	Belt Filtration	5-O	Incineration
5-D	Centrifugation	5-P	Land Application
5-E	Chemical Conditioning	5-Q	Landfill
5-F	Chlorine Treatment	5-R	Pressure Filtration
5-G	Composting	5-S	Pyrolysis
5-H	Drying Beds	5-T	Sludge Lagoons
5-I	Elutriation	5-U	Vacuum Filtration
5-J	Flotation Thickening	5-V	Vibration
5-K	Freezing	5-W	Wet Oxidation
5-L	Gravity Thickening		

Appendix A, Discharge Rates

Table 3, Discharge Rates					
	For Continuously Discharging outfalls	For Non-Continuous Discharging Outfalls			
Outfall Number #	Average Daily Discharge (MGD)	Number of times per year the discharge is to occur	Anticipated duration of each discharge	Anticipated flow of each discharge (MGD)	Months in which discharge is expected to occur.
001					
002					
003					
004					

Appendix A, Improvements

TABLE 4: Improvements 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.

1. Affected outfalls		2. Identification of condition, agreement, etc.	3. Brief description of project	4. Final Compliance Date	
Outfall	Source of discharge			A. Required	B. Projected
001					
002					
003					
004					
005					

Appendix B, Table I

Table I: Effluent Characteristics per outfall							
<i>You must provide the results of at least one analysis for every pollutant in this table for each outfall.</i>							
Outfall # _____	Maximum Daily Value		Maximum 30-day value <i>(if available)</i>		Long term average value <i>(if available)</i>		Number of Analyses
	Mass	Concentration	Mass	Concentration	Mass	Concentration	
Biochemical Oxygen Demand (BOD)							
Total Suspended Solids (TSS)							
Total Organic Carbon (TOC)							
Chemical Oxygen Demand (COD)							
Ammonia (as N)							
Flow, discharge, MGD	Value		Value		Value		
pH (range) S.U.	Max	Min	Max	Min	Not Applicable		
Temperature (Winter) °C	Value		Value		Value		
Temperature (Summer) °C	Value		Value		Value		
Color of Discharge							

Appendix B, Table II

Table II--Testing Requirements for Toxic Pollutants by PRIMARY INDUSTRIAL CATEGORY					
PRIMARY INDUSTRIAL CATEGORY	Organic Toxic Pollutants GS/MS Fraction (listed in Table IIA-Table IID)				Other Toxic Pollutants (Listed in Table III)
	Volatile See Table IIA	Acid See Table IIB	Base/Neutral See Table IIC	Pesticides See Table IID	(Metals and Cyanide) and Total Phenols
Adhesives and Sealants.....	X	X	X	NR	X
Aluminum Forming.....	X	X	X	NR	X
Auto and Other Laundries.....	X	X	X	X	X
Battery Manufacturing.....	X	NR	X	X	X
Coal Mining.....	X	X	X	NR	X
Coil Coating.....	X	X	X	X	X
Copper Forming.....	X	X	X	NR	X
Electric and Electronic Components	X	X	X	X	X
Electroplating.....	X	X	X	NR	X
Explosives Manufacturing.....	NR	X	X	NR	X
Foundries.....	X	X	X	NR	X
Gum and Wood Chemicals.....	X	X	X	X	X
Inorganic Chemicals Manufacturing	X	X	X	NR	X
Iron and Steel Manufacturing.....	X	X	X	NR	X
Leather Tanning and Finishing....	X	X	X	X	X
Mechanical Products Manufacturing	X	X	X	NR	X
Nonferrous Metals Manufacturing..	X	X	X	X	X
Ore Mining.....	X	X	X	X	X
Organic Chemicals Manufacturing..	X	X	X	X	X
Paint and Ink Formulation.....	X	X	X	X	X
Pesticides.....	X	X	X	X	X
Petroleum Refining.....	X	X	X	X	X
Pharmaceutical Preparations.....	X	X	X	NR	X
Photographic Equipment and Supplies.....	X	X	X	X	X
Plastic and Synthetic Materials Manufacturing.....	X	X	X	X	X
Plastic Processing.....	X	NR	NR	NR	X
Porcelain Enameling.....	X	NR	X	X	X
Printing and Publishing.....	X	X	X	X	X
Pulp and Paper Mills.....	X	X	X	X	X
Rubber Processing.....	X	X	X	NR	X
Soap and Detergent Manufacturing.	X	X	X	NR	X
Steam Electric Power Plants.....	X	X	X	NR	X
Textile Mills.....	X	X	X	X	X
Timber Products Processing.....	X	X	X	X	X

X = testing is required

NR =testing is not required unless believed to be present.

Appendix B, Table IIA

Table IIA VOLATILE COMPOUNDS (Complete table and include lab reports if applicable)				
Organic Toxic Pollutants				
GS/MS Fraction				
Pollutant	Mark with "X"			Water Sample Result (if required)
	Required Testing	Believed Absent	Believed Present	
1 V acrolein				
2 V acrylonitrile				
3 V benzene				
4V. Bis (<i>Chloromethyl</i>) Ether (542-88-1)				
5 V bromoform				
6 V carbon tetrachloride				
7 V chlorobenzene				
8 V chlorodibromomethane				
9 V chloroethane				
10 V 2-chloroethylvinyl ether				
11 V chloroform				
12 V dichlorobromomethane				
13V. Dichlorodifluoromethane (75-71-8)				
14 V 1,1-dichloroethane				
15 V 1,2-dichloroethane				
16 V 1,1-dichloroethylene				
17 V 1,2-dichloropropane				
18 V 1,3-dichloropropylene				
19 V ethylbenzene				
20 V methyl bromide				
21 V methyl chloride				
22 V methylene chloride				
23 V 1,1,2,2-tetrachloroethane				
24 V tetrachloroethylene				
25 V toluene				
26 V 1,2-trans-dichloroethylene				
27 V 1,1,1-trichloroethane				
28 V 1,1,2-trichloroethane				
29 V trichloroethylene				
30V. Trichlorofluoromethane (75-69-4)				
31 V vinyl chloride				

Appendix B, Table IIB

Table IIB ACID COMPOUNDS (Complete table and include lab reports if applicable)				
Organic Toxic Pollutants				
GS/MS Fraction				
Pollutant	Mark with "X"			Water Quality Results
	Required Testing	Believed Absent	Believed Present	
1A 2-chlorophenol				
2A 2,4-dichlorophenol				
3A 2,4-dimethylphenol				
4A 4,6-dinitro-o-cresol				
5A 2,4-dinitrophenol				
6A 2-nitrophenol				
7A 4-nitrophenol				
8A p-chloro-m-cresol				
9A pentachlorophenol				
10A phenol				
11A 2,4,6-trichlorophenol				

Appendix B, Table IIC

Table IIC-BASE/NEUTRAL COMPOUNDS (Complete table and include lab reports if applicable)				
Organic Toxic Pollutants				
GS/MS Fraction				
Pollutant	Mark with "X"			Water Sample Results(if required)
	Required Testing	Believed Absent	Believed Present	
1 B acenaphthene				
2 B acenaphthylene				
3 B anthracene				
4 B benzidine				
5 B benzo(a)anthracene				
6 B benzo(a)pyrene				
7 B 3,4-benzofluoranthene				
8 B benzo(ghi)perylene				
9 B benzo(k)fluoranthene				
10B. Bis (2-Chloroethoxy) Methane				
11 B bis(2-chloroethyl)ether				
12 B bis(2-chloroisopropyl)ether				
13 B bis (2-ethylhexyl)phthalate				
14 B 4-bromophenyl phenyl ether				
15 B butylbenzyl phthalate				
16 B 2-chloronaphthalene				
17 B 4-chlorophenyl phenyl ether				
18 B chrysene				
19 B dibenzo(a,h)anthracene				
20 B 1,2-dichlorobenzene				
21 B 1,3-dichlorobenzene				
22 B 1,4-dichlorobenzene				
23 B 3,3'-dichlorobenzidine				
24 B diethyl phthalate				
25 B dimethyl phthalate				
26 B di-n-butyl phthalate				
27 B 2,4-dinitrotoluene				
28 B 2,6-dinitrotoluene				
29 B di-n-octyl phthalate				

Table IIC-BASE/NEUTRAL COMPOUNDS (Complete table and include lab reports if applicable)				
Organic Toxic Pollutants				
GS/MS Fraction				
Pollutant	Mark with "X"			Water Sample Results(if required)
	Required Testing	Believed Absent	Believed Present	
30B. 1,2-Diphenylhydrazine (as Azobenzene)				
31B. Fluoranthene (206				
32B. Fluorene				
33B. Hexachlorobenzene				
34B. Hexachlorobutadiene				
35B. Hexachlorocyclopentadiene				
36B Hexachloroethane				
37B. Indeno				
38B. Isophorone				
39B. Naphthalene				
40B. Nitrobenzene				
41B. N-Nitrosodimethylamine				
42B. N-Nitrosodi-N-Propylamine				
43B. N-Nitrosodiphenylamine				
44B. Phenanthrene				
45B. Pyrene				
46B.1,2,4-Tri-Chlorobenzene				

Appendix B, Table IID

Table IID-PESTICIDE COMPOUNDS (Complete table and include lab reports if applicable)				
Pollutant	Mark with "X"			Water Sample Results
	Required Testing	Believed Absent	Believed Present	
1P aldrin				
2P alpha-BHC				
3P beta-BHC				
4P gamma-BHC				
5P delta-BHC				
6P chlordane				
7P 4,4'-DDT				
8P 4,4'-DDE				
9P 4,4'-DDD				
10P dieldrin				
11P alpha-endosulfan				
12P beta-endosulfan				
13P endosulfan sulfate				
14P endrin				
15P endrin aldehyde				
16P heptachlor				
17P heptachlor epoxide				
18P PCB-1242				
19P PCB-1254				
20P PCB-1221				
21P PCB-1232				
22P PCB-1248				
23P PCB-1260				
24P PCB-1016				
25P toxaphene				

Appendix B, Table III

Table III—Metals(Total Recoverable), Cyanide, Total Phenols, and Hardness				
Pollutant	Mark with “X”			Water Sample Results
	Required Testing	Believed Absent	Believed Present	
Antimony, Total Recoverable				
Arsenic, Dissolved				
Beryllium, Total Recoverable				
Cadmium, Dissolved				
Chromium, Dissolved				
Copper, Dissolved				
Cyanide, Dissolved				
Hardness (as CaCO ₃), Total				
Lead, Dissolved				
Mercury, Dissolved				
Nickel, Dissolved				
Phenols, Total Recoverable				
Selenium, Total Recoverable				
Silver, Dissolved				
Thallium, Total Recoverable				
Zinc, Dissolved				
DIOXIN				
2,3,7,8-Tetra-Chlorodibenzo-P-Bioxin				

Appendix B, Table IV

TABLE IV: Conventional and Nonconventional Pollutants:			
Pollutant	Mark with "X"		Water Sample Results
	Believed Absent	Believed Present	
Bromide			
Chlorine, Total Residual			
E. coli			
Fluoride			
Nitrate-Nitrite			
Nitrogen, Total Organic			
Oil and Grease			
Phosphorus			
Radioactivity			
Alpha, Total			
Beta, Total			
Radium, Total Recoverable			
Radium 226, Total Recoverable			
Sulfate			
Sulfide			
Sulfite			
Surfactants			
Aluminum, Dissolved			
Barium, Total Recoverable			
Boron			
Cobalt			
Iron, Dissolved			
Magnesium, Dissolved			
Molybdenum			
Manganese, Dissolved			
Tin			
Titanium			

Appendix B, Table V

TOXIC POLLUTANTS AND HAZARDOUS SUBSTANCES		
Circle any constituent(s) below you believe to be present in the discharge		
TABLE V		
TOXIC POLLUTANT		
Asbestos		
HAZARDOUS SUBSTANCES		
Acetaldehyde	Diethyl amine Napthenic acid	Monomethyl amine
Allyl alcohol	Dintrobenzene	Naled
Allyl chloride	Diquat	Nitrotoluene
Amyl acetate	Disulfoton	Parathion
Aniline	Diuron	Phenolsulfonate
Asbestos	Epichlorohydrin	Phosgene
Benzonitrile	Ethion	Propargite
Benzyl chloride	Ethylene diamine	Propylene oxide
Butyl acetate	Ethylene dibromide	Pyrethrins
Butylamine	Formaldehyde	Quinoline
Captan	Furfural	Resorcinol
Carbaryl	Guthion	Strontium
Carbofuran	Dimethyl amine	Strychnine
Carbon disulfide	Isoprene	Styrene
Chlorpyrifos	Isopropanolamine	TDE (Tetrachlorodiphenyl ethane)
Coumaphos	Kelthane	Trichlorofon
Cresol	Kepone	2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)
Crotonaldehyde	Malathion	2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid]
Cyclohexane	Mercaptodimethur	Triethanolamine
Diazinon	Methoxychlor	Triethylamine
Dicamba	Methyl mercaptan	Trimethylamine
Dichlobenil	Methyl methacrylate	Uranium
Dichlone	Methyl parathion	Vanadium
2,4-D (2,4-Dichlorophenoxyacetic acid)	Mevinphos	Vinyl acetate
2,2-Dichloropropionic acid	Mexacarbate	Xylene
Dichlorvos	Monoethyl amine	Xylenol

Appendix B, Table VI

TABLE VI			
Use the space below to list any of the pollutants in the above tables (II-VI) which you are not required to submit a water quality sample and 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 to be present and report any analytical data in your possession.			
1. Pollutant	2. Source	1. Pollutant	2. Source