Attachment Y: Discharge Information

(must be completed and submitted for each discharge)

Applicant Name: _____
(as indicated on the permit application form)

Existing Permit Number (if applicable):

Complete this attachment for *each* discharge and label each discharge consecutively starting with serial number 001-1.

Part A: General Discharge Information

Discharge Serial Number:

1. For discharges to a surface water only:
   a. The discharge enters the surface water (check one):
      ☐ directly
      ☐ through a storm sewer
      ☐ through other systems (e.g., swale,) Please specify below:

   b. Name of surface water body the discharge first enters:
   c. Surface water classification goal of the above listed water body:
   d. Latitude/Longitude, in degress/minutes/seconds, of actual discharge location

2. For discharges to ground water only:
   a. Groundwater classification goal of the site:
   b. Name of surface water body in watershed area:
      Surface water classification goal of the above listed water body:
   c. Latitude/Longitude, in degress/minutes/seconds, of actual discharge location

3. a. Average Daily Flow (gpd) last 24 months:
   b. Maximum Daily Flow (gpd) last 24 months:
   c. Average Annual Design Flow (gpd):
   d. Date discharge began or will begin:

4. Is the discharge continuous? ☐ Yes ☐ No

5. For other than a continuous discharge (e.g., batch, intermittent, or seasonal discharges), indicate:
   a. Average number of hours per event of the discharge:
   b. Maximum number of hours per event of the discharge:
   c. The duration and frequency of the discharge:

Part A: General Discharge Information (continued)

6. Process and/or Treatment Substances **Discharge Serial Number**:

Describe each specific activity or each process that utilizes substances and/or chemicals for treatment and identification of all types of all substances/chemicals used by each process. (e.g., phosphorus removal with alum or ferric chloride, nitrogen removal with methanol or glycerin, disinfection with calcium hypochlorite and sodium metabisulfite, sludge settling or processing with polymers).

Name of substances used in generating the wastewater	List of toxic or hazardous substances contained in process and/or treatment substance	List any available aquatic toxicity test results for process and/or treatment substance

Part A: General Discharge Information (continued)

7. Plant, pump station and collection system overflows/bypasses

Describe each bypass or overflow structure and whether or not there is a gate with a DEEP seal or not.

List name of bypass/overflow location (primary effluent, Oak Street Pump Station, CSO 6, etc.)	**List latitude/longitude for overflow/bypass *discharge* location**	**List average annual frequency of use**

Attachment Y: Discharge Information (continued)

Part B: Discharge Analysis

All applicants **must** complete Part B, Table 1 for each discharge. Be sure to review the instructions before completing this part. In addition, please note that for existing discharges previously licensed by DEEP, identify the substances that were monitored in the existing permit by placing "PP" in the " Daily Composite or Grab Sample Results" column by the substance. For such substances, you need not repeat the analytical results in Tables 1 through 4, as long as such results are provided in Attachment W of the application.

Please indicate whether the discharge analysis was based on (check one):

☐ Projection ☐ Actual wastewater ☐ Wastewater from other similar discharge

All applicants must provide analysis results in column 1 for *all* the substances listed in Table 1 and other information needed to complete columns 2 and 3, for each discharge.

Table 1

Date Sampled: **Discharge Serial Number:**

GENERAL	1 Daily Composite or Grab Sample* Results	2 Number of Analyses	3 EPA** Method
1. Biochemical Oxygen Demand (5Day)			
2. Chemical Oxygen Demand			
3. Oil and Grease, Total*			
4. Oil and Grease, Hydrocarbon Fraction*			
5. Total Suspended Solids			
6. Ammonia (as Nitrogen)			
7. Phosphorus (Total)			
8. Nitrate			
9. Nitrite			
10. Total Kjeldahl Nitrogen			
11. Total Residual Chlorine*			
12. Temperature (Winter and Summer)*			
13. pH (minimum and maximum)*			
14. Copper, Total			
15. Lead, Total			
16. Zinc, Total			

* Check the instructions under this part for the required method of sample collection.

** For surface water discharges only, check the instructions for *required* EPA methods of analyses.

Part B: Discharge Analysis (continued)

All applicants **must** provide analysis results for each substance listed in Table 2 under Base Neutrals Compounds and Pesticides. Provide analysis results in column 4 and other information needed to complete columns 5 and 6 for that substance.

For all other substances listed in Table 2: Toxic Metals, Cyanides and Phenols, Volatiles, and Acids, provide analysis for substances which are known or suspected or can reasonably be ascertained to be present in the discharge. Place an "X" in column 2 or 3. If column 2 is marked for any substance, you *must* provide analysis results in column 4 for that substance and other information needed to complete columns 5 and 6 for that substance.

Table 2

Date Sampled: **Discharge Serial Number:**

BASE NEUTRAL COMPOUNDS	1 Analysis Required	2 Known or Suspected Present	3 Believed Absent	4 Daily Composite or Grab Sample Results*	5 Number of Analyses	6 EPA** Method
1. Acenaphthene	X					
2. Acenaphthylene	X					
3. Anthracene	X					
4. Benzidine	X					
5. Benzo(a)anthracene	X					
6. Benzo(a)pyrene	X					
7. 3, 4-Benzo-fluoranthene	X					
8. Benzo(ghi)perylene	X					
9. Benzo(k) fluoranthene	X					
10. Bis(2-Chloroethoxy) Methane	X					
11. Bis(2-Chloroethyl) Ether	X					
12. Bis(2-Chloroisopropyl) Ether	X					
13. Bis(2-Ethylhexyl) Phthalate	X					
14. 4-Bromophenylphenyl Ether	X					
15. Butylbenzyl Phthalate	X					
16. 2-Chloronaphthalene	X					
17. 4-Cholorophenylphenyl Ether	X					
18. Chrysene	X					
19. Dibenzo(a, H)anthracene	X					
20. 1, 2-Dichlorobenzene	X					
21. 1, 3-Dichlorobenzene	X					
22. 1, 4-Dichlorobenzene	X					

Part B: Discharge Analysis (continued)

Table 2 (continued)

Date Sampled: **Discharge Serial Number:**

BASE NEUTRAL COMPOUNDS	1 Analysis Required	2 Known or Suspected Present	3 Believed Absent	4 Daily Composite or Grab Sample Results*	5 Number of Analyses	6 EPA** Method
23. 3, 3-Dichlorobenzidine	X					
24. Diethyl phthalate	X					
25. Dimethyl phthalate	X					
26. Di-n-butyl phthalate	X					
27. 2, 4-Dinitrotoluene	X					
28. 2, 6-Dinitrotoluene	X					
29. Di-n-octyl phthalate	X					
30. 1, 2-Diphenylhydrazine (as Azobenzene)	X					
31. Fluoranthene	X					
32. Fluorene	X					
33. Hexachlorobenzene	X					
34. Hexachlorobutadiene	X					
35. Hexachlorocyclopentadiene	X					
36. Hexachloroethane	X					
37. Indeno(1,2,3-cd) Pyrene	X					
38. Isophorone	X					
39. Naphthalene	X					
40. Nitrobenzene	X					
41. N-nitroso dimethylamine	X					
42. N-Nitrosodi-n-Propylamine	X					
43. N-Nitrosodiphenylamine	X					
44. Phenanthrene	X					
45. Pyrene	X					
46. 1, 24-Trichlorobenzene	X					

Part B: Discharge Analysis (continued)

Table 2 (continued)

Date Sampled: **Discharge Serial Number:**

PESTICIDES	1 Analysis Required	2 Known or Suspected Present	3 Believed Absent	4 Daily Composite or Grab Sample Results*	5 Number of Analyses	6 EPA** Method
1. Aldrin	X					
2. Alpha - BHC	X					
3. Beta - BHC	X					
4. Gamma-BHC	X					
5. Delta-BHC	X					
6. Chlordane	X					
7. 4, 4-DDT	X					
8. 4, 4-DDE	X					
9. 4, 4-DDD	X					
10. Dieldrin	X					
11. Alpha-Endosulfan	X					
12. Beta-Endosulfan	X					
13. Endosulfan Sulfate	X					
14. Endrin	X					
15. Endrin Aldehyde	X					
16. Heptachlor	X					
17. Heptachlor Epoxide	X					
18. PCB-1242	X					
19. PCB-1254	X					
20. PCB-1221	X					
21. PCB-1232	X					
22. PCB-1248	X					
23. PCB-1260	X					
24. PCB-1016	X					
25. Toxaphene	X					

Part B: Discharge Analysis (continued)

For all other substances listed in Table 2: Toxic Metals, Cyanides and Phenols, Volatiles, and Acids, provide analysis for substances which are known or suspected or can reasonably be ascertained to be present in the discharge. Place an "X" in column 2 or 3. If column 2 is marked for any substance, you *must* provide analysis results in column 4 for that substance and other information needed to complete columns 5 and 6 for that substance.

Table 2 (continued)

Date Sampled: **Discharge Serial Number:**

TOXIC METALS, CYANIDES, PHENOLS	1 Analysis Required	2 Known or Suspected Present	3 Believed Absent	4 Daily Composite or Grab Sample Results*	5 Number of Analyses	6 EPA** Method
1. Antimony, Total						
2. Arsenic, Total						
3. Beryllium, Total						
4. Cadmium, Total						
5. Chromium, Total						
6. Chromium,						
7. Mercury, Total						
8. Nickel, Total						
9. Selenium, Total						
10. Silver, Total						
11. Thallium, Total						
12. Cyanide, Total*						
13. Cyanide,						
14. Phenols, Total*						

Part B: Discharge Analysis (continued)

Table 2 (continued)

Date Sampled: **Discharge Serial Number:**

VOLATILES*	1 Analysis Required	2 Known or Suspected Present	3 Believed Absent	4 Daily Composite or Grab Sample Results*	5 Number of Analyses	6 EPA** Method
1. Acrolein						
2. Acrylonitrile						
3. Benzene						
4. Bromoform						
5. Carbon Tetrachloride						
6. Chlorobenzene						
7. Chlorodibromomethane						
8. Chloroethane						
9. 2-Chloroethylvinyl Ether						
10. Chloroform						
11. Dichlorobromomethane						
12. 1, 1-Dichloroethane						
13. 1, 2-Dichloroethane						
14. 1, 1-Dichloroethylene						
15. 1, 2-Dichloropropane						
16. 1, 3-Dichloropropylene						
17. Ethylbenzene						
18. Methylbromide						
19. Methylchloride						
20. Methylene Chloride						
21. 1, 1, 2, 2,-Tetrachloroethane						
22. Tetrachloroethylene						
23. Toluene						
24. 1, 2-Trans-Dichloroethylene						

Part B: Discharge Analysis (continued)

Table 2 (continued)

Date Sampled: **Discharge Serial Number:**

VOLATILES*	1 Analysis Required	2 Known or Suspected Present	3 Believed Absent	4 Daily Composite or Grab Sample Results*	5 Number of Analyses	6 EPA** Method
25. 1, 1, 1-Trichloroethane						
26. 1, 1, 2- Trichloroethane						
27. Trichloroethylene						
28. Vinyl Chloride						
GC/MS FRACTION ACID COMPOUNDS						
1. 2-Chlorophenol						
2. 2, 4-Dichlorophenol						
3. 2, 4-Dimethylphenol						
4. 4, 6-Dinitro-O-Cresol						
5. 2, 4-Dinitrophenol						
6. 2-Nitrophenol						
7. 4-Nitrophenol						
8. P-Chloro-M-Cresol						
9. Pentachlorophenol						
10. Phenol						
11. 2, 4, 6- Trichlorophenol						

Part B: Discharge Analysis (continued)

All applicants must complete Table 3 for each discharge by placing an "X" in either column 1 or 2. If column 1 is marked for any substance, you *must* provide analysis results for that substance in column 3 and other information needed to complete columns 4 and 5 for that substance.

Table 3

Date Sampled: **Discharge Serial Number:**

OTHER SUBSTANCES	1 Known or Suspected Present	2 Believed Absent	3 Daily Composite or Grab Sample Results*	4 Number of Analyses	5 EPA** Method
1. Bromide					
2. Color					
3. E. Coli					
4. Enterococci					
5. Fecal Coliform*					
6. Fluoride					
7. Nitrogen, Total Organic					
8. Radioactivity					
a. Alpha, Total					
b. Beta, Total					
c. Radium, Total					
d. Radium, 226 Total					
9. Sulfate					
10. Sulfide*					
11. Sulfite					
12. Surfactants					
13. Aluminum, Total					
14. Barium, Total					
15. Boron, Total					
16. Cobalt, Total					
17. Iron, Total					
18. Magnesium, Total					

Part B: Discharge Analysis (continued)

Table 3 (continued)

Date Sampled: **Discharge Serial Number:**

OTHER SUBSTANCES	1 Known or Suspected Present	2 Believed Absent	3 Daily Composite or Grab Sample Results*	4 Number of Analyses	5 EPA** Method
19. Molybdenum, Total					
20. Manganese, Total					
21. Tin, Total					
22. Titanium, Total					
OTHER TOXIC AND HAZARDOUS SUBSTANCES					
1. Asbestos					
2. Acetaldehyde					
3. Allyl alcohol					
4. Allyl chloride					
5. Amyl acetate					
6. Aniline					
7. Benzonitrile					
8. Benzyl chloride					
9. Butyl acetate					
10. Butylamine					
11. Captan					
12. Carbaryl					
13. Carbofuran					
14. Carbon disulfide					
15. Chlorpyrifos					
16. Coumaphos					
17. Cresol					
18. Crotonaldehyde					
19. Cyclohexane					

Part B: Discharge Analysis (continued)

Table 3 (continued)

Date Sampled: **Discharge Serial Number:**

OTHER TOXIC AND HAZARDOUS SUBSTANCES	1 Known or Suspected Present	2 Believed Absent	3 Daily Composite or Grab Sample Results*	4 Number of Analyses	5 EPA** Method
20. 2,4-Dichlorophenoxy (acetic acid)					
21. Diazinon					
22. Dicamba					
23. Dichlobenil					
24. Dichlone					
25. 2,2-Dichloro-propionic acid					
26. Dichlorvos					
27. Diethyl amine					
28. Dimethyl amine					
29. Dinitrobenzene					
30. Diquat					
31. Disulfoton					
32. Diuron					
33. Epichlorohydrin					
34. Ethanolamine					
35. Ethion					
36. Ethylene diamine					
37. Ethylene dibromide					
38. Formaldehyde					
39. Furfural					
40. Guthion					
41. Isoprene					
42. Isopropanolamine					
43. Kelthane					

Part B: Discharge Analysis (continued)

Table 3 (continued)

Date Sampled: **Discharge Serial Number:**

OTHER TOXIC AND HAZARDOUS SUBSTANCES	1 Known or Suspected Present	2 Believed Absent	3 Daily Composite or Grab Sample Results*	4 Number of Analyses	5 EPA** Method
44. Kepone					
45. Malathion					
46. Mercaptodimethur					
47. Methoxychlor					
48. Methyl mercaptan					
49. Methyl methacrylate					
50. Methyl parathion					
51. Mevinphos					
52. Mexacarbate					
53. Monoethyl amine					
54. Monomethyl amine					
55. Naled					
56. Napthenic acid					
57. Nitrotoluene					
58. Parathion					
59. Phenolsulfanate					
60. Phosgene					
61. Propargite					
62. Propylene oxide					
63. Pyrethrins					
64. Quinoline					
65. Resorcinol					
66. Strontium					
67. Strychnine					

Part B: Discharge Analysis (continued)

Table 3 (continued)

Date Sampled: **Discharge Serial Number:**

OTHER TOXIC AND HAZARDOUS SUBSTANCES	1 Known or Suspected Present	2 Believed Absent	3 Daily Composite or Grab Sample Results*	4 Number of Analyses	5 EPA** Method
68. Styrene					
69. 2, 4, 5-T (2, 4, 5-Trichlorophenoxy acetic acid)					
70. TDE (Tetrachloro-diphenylethane)					
71. 2, 4, 5-TP[2-(2, 4,5-Trichlorophenoxy) propanoic acid]					
72. Trichlorofan					
73. Triethylamine					
74. Trimethylamine					
75. Uranium					
76. Vanadium					
77. Vinyl acetate					
78. Xylene					
79. Xylenol					
80. Zirconium					

Part B: Discharge Analysis (continued)

All applicants must complete Table 4 for each discharge, by placing an "X" in either column 1 or 2 for the substances numbered 1-6. If column 1 is marked for any substance, you *must* provide analysis results for that substance and any other information needed to complete columns 3 through 5 for that substance.

Table 4

Date Sampled: **Discharge Serial Number:**

SUBSTANCES	1 Known or Suspected Present	2 Believed Absent	3 Daily Composite or Grab Sample Results*	4 Daily Number of Analyses	5 EPA** Method
1. 2, 4,5-trichlorophenoxy acetic acid (2, 4, 5,-T)					
2. 2-(2, 4, 5-trichlorophenoxy) propanoic acid (Silvex, 2, 4, 5,-TP)					
3. 2-(2, 4 ,5-trichlorophenoxy) ethyl, 2, 2-dichloropropionate (Erbon)					
4. 0, 0-dimethyl-0-(2, 4, 5-trichlorophenyl) phosphorothioate (Ronnel)					
5. 2, 4, 5-trichlorophenol (TCP)					
6. hexachlorophene (HCP)					

In addition, *if*:

1) your facility uses or manufactures one of the substances listed above as items 1-6 or knows or has reason to believe or can reasonably ascertain that one of those substances may be present in the discharge; or

2) your facility has a discharge resulting from a process regulated under 40 CFR Part 430 - Pulp, Paper, and Paperboard Point Source Category; or

3) you know or have reason to believe or can reasonably ascertain that 2,3,7,8 - Tetrachlorodibenzo-p-dioxin (TCDD) may be present in the discharge;

you must also provide the analysis results for the dioxin and furan substances numbered 7 through 27, on the following page, using "EPA Method 1613: Tetra- through Octa- Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS".

Part B: Discharge Analysis (continued)

Table 4 (continued)

Date Sampled: **Discharge Serial Number:**

SUBSTANCES	1 Daily Composite Sample Results*	2 Number of Analyses	3 EPA** Method
7. 2,3,7,8-TCDD (Tetrachlorodibenzo-p-dioxin)			
8. Total - TCDD			
9. 2,3,7,8-TCDF (Tetrachlorodibenzofuran)			
10. Total - TCDF			
11. 1,2,3,7,8-PeCDD (Pentachlorodibenzo-p-dioxin)			
12. Total - PeCDD			
13. 1,2,3,7,8-PeCDF (Pentachlorodibenzofuran)			
14. 2,3,4,7,8-PeCDF			
15. Total - PeCDF			
16. 1,2,3,4,7,8-HxCDD (Hexachlorodibenzo-p-dioxin)			
17. 1,2,3,6,7,8-HxCDD			
18. 1,2,3,7,8,9-HxCDD			
19. Total - HxCDD			
20. 1,2,3,6,7,8-HxCDF (Hexachlorodibenzofuran)			
21. 1,2,3,7,8,9-HxCDF			
22. Total - HxCDF			
23. 1,2,3,4,6,7,8-HpCDF (Heptachlorodibenzofuran)			
24. 1,2,3,4,7,8,9-HpCDF			
25. Total - HpCDF			
26. OCDD (Optachlorodibenzo-p-dioxin)			
27. OCDF (Hexachlorodibenzofuran)			

Part B: Discharge Analysis (continued)

If any of the analyses reported in Tables 1 through 4 of this application were performed by a contract laboratory or consulting firm, list the name, address and telephone number of the laboratory or firm and the type of analyses performed.

Table 5: Contract Laboratory Identification **All Discharges**

Name	Address	Telephone (Area Code & No.)	Substances Analyzed (List)