NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division Of Water

APPLICATION FORM NY-2C
for
Industrial Facilities

This form must be completed by all persons applying for a new SPDES permit OR a modification of an existing SPDES permit for the discharge of industrial wastewater to the waters of New York State.

SEE GENERAL INSTRUCTIONS INSIDE COVER

STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)

Find this Document at: www.dec.state.ny.us/website/dcs/permits/olpermits/interface.html

(This Page Left Blank)

GENERAL INSTRUCTIONS

NOTE: Form NY-2C replaces existing EPA Forms 1, 2C, 2D and associated supplemental forms for new and modified SPDES Permit applications in New York State. Use NYSDEC Form 91-20-5, "NOTICE/RENEWAL APPLICATION/PERMIT," for routine SPDES permit renewals where no significant changes to your facility's operations have occurred.

1. New permits and new process discharges - Some of the requirements in this application associated with effluent data are not pertinent to new discharges. Substitute, where appropriate, effluent data from a similar facility or your best estimate. When effluent data from a similar facility is used, indicate such on the application.

2. If you are filing this application to obtain a new permit or modification of an existing permit, it must be filed with the Regional Permit Administrator for the DEC Region in which the discharge is located. The correct address and telephone number are listed on the facing page.

   If you are filing this application in response to an Information Request under the Environmental Benefit Permit Strategy (EBPS), please follow the filing instructions contained within the request.

3. Federal and state laws require that you obtain a permit to discharge any of the Priority Pollutants listed in Table 6. If you know or have reason to believe that any of the pollutants listed in Table 6 are present in the discharges from this facility, you must submit test results (for each identified parameter) conducted on at least one representative sample (grab or 24 hour composite) taken within the last three years.

4. Actual measured values of all positive analytical results obtained above the Method Detection Limit (MDL)[1], or the matrix specific MDL, whichever is greater, for all monitored parameters shall be recorded and reported, as required by this application. Samples shall be taken from as close as practicable to the proposed monitoring locations listed in this application, or from locations as required under applicable regulations.

5. Applications for certain modifications of a SPDES permit do not require all sections of this application to be completed. Exceptions are determined on an individual basis related to the applicability of the information required by this form to the requested modification, or the Department's need to evaluate the current permit for deficiencies. All applications for a permit modification must include a letter or other document describing (as applicable) the changes or planned changes in the nature of the discharge, a description and justification for any requested permit modification, and the reason why an exemption should be granted from completing and filing any or all sections in this application form. You will be informed of what (if any) additional information must be provided. Questions regarding sections to be completed by a particular industry, or regarding technical aspects of the application, should be directed to either the appropriate Regional Water Engineer at the address listed on the following page or the Bureau of Water Permits at (518)402-8111.

6. Applications filed in response to an Information Request under EBPS do not require all sections of this application to be completed. Complete any items in the application for which changes have been made or information has been discovered since your last previously submitted full application form, any items that are specifically referenced for completion in the Information Request, and Section III (Sampling Information) for all outfalls at your facility. For any items that have not changed since your last previously submitted full application form, indicate "No Changes" in that portion of the form.

7. The Federal Clean Water Act of 1977 (P.L. 95-217), as amended, Section 309(c)(4), states: "Any person who knowingly makes false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under this act or who knowingly falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under this act, shall upon conviction, be punished by a fine not more than $10,000, or by imprisonment for not more than 2 years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment shall be a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or by both.

8. Any and all information submitted as part of this SPDES application shall be considered public information and is therefore subject to Freedom of Information Law requests. Any information that the applicant wishes to remain confidential, such as information requested on the Industrial Chemical Survey form, must be submitted under separate cover. Those sections of this application which are eligible for confidentiality are noted in the appropriate sections of these instructions. The Department will treat each request for confidentiality individually.

---

[1] The Method Detection Limit (MDL) is the level at which the analytical procedure referenced is capable of determining with a 99% probability that the substance is present. This value is determined in distilled water with no interfering substances present.

FILING LOCATIONS FOR SPDES APPLICATIONS

MODIFICATIONS, **NEW APPLICATIONS** and other questions concerning your SPDES permit: Follow instructions below.

The Filing Location depends on the county in which the discharge is located. To determine the mailing address for the proper Filing Location, find the county in which the discharge is located in the table below. Use the letter in the "KEY" column to the right of the county name to find the proper mailing address in the list at the right. All applications for new permits, permittee-requested modifications, and modification of SPDES permits under the Environmental Benefit Permit Strategy (EBPS) must be mailed to the appropriate New York State Department of Environmental Conservation (NYSDEC) Regional or Sub-Regional office listed below.

Discharge Location			Discharge Location			Discharge Location			Discharge Location		
County	**Region**	**KEY**	**County**	**Region**	**KEY**	**County**	**Region**	**KEY**	**County**	**Region**	**KEY**
Albany	4	D	Fulton	5	G	Orange	3	C	Sullivan	3	C
Allegany	9	L	Genesee	8	K	Orleans	8	K	Tioga	7	J
Broome	7	J	Greene	4	D	Oswego	7	J	Tompkins	7	J
Cattaraugus	9	L	Hamilton	5	F	Otsego	4	E	Ulster	3	C
Cayuga	7	J	Herkimer	6	I	Putnam	3	C	Warren	5	G
Chautauqua	9	L	Jefferson	6	H	Rensselaer	4	D	Washington	5	G
Chemung	8	K	Lewis	6	H	Rockland	3	C	Wayne	8	K
Chenango	7	J	Livingston	8	K	St. Lawrence	6	H	Westchester	3	C
Clinton	5	F	Madison	7	J	Saratoga	5	G	Wyoming	9	L
Columbia	4	D	Monroe	8	K	Schenectady	4	D	Yates	8	K
Cortland	7	J	Montgomery	4	D	Schoharie	4	E	Bronx	2	B
Delaware	4	E	Nassau	1	A	Schuyler	8	K	Kings	2	B
Dutchess	3	C	Niagara	9	L	Seneca	8	K	New York	2	B
Erie	9	L	Oneida	6	I	Steuben	8	K	Queens	2	B
Essex	5	F	Onondaga	7	J	Suffolk	1	A	Richmond	2	B
Franklin	5	F	Ontario	8	K						

REGIONAL FILING ADDRESSES AND TELEPHONE NUMBERS

KEY	Mailing Address: Mail Application to "*Division of Environmental Permits*"	Regional Permit Administrator Telephone	Regional Water Engineer Telephone
A	NYSDEC REGION 1, Building 40 SUNY, Stony Brook, NY 11790-2356	(631) 444-0355	(631) 444-0405
B	NYSDEC REGION 2, One Hunters Point Plaza, 47-40 21st St, Long Island City, NY 11101-5407	(718) 482-4997	(718) 482-4933
C	NYSDEC REGION 3, 21 South Putt Corners Rd., New Paltz, NY 12561-1696	(845) 256-3059	--
	NYSDEC REGION 3 SUB-OFFICE, 200 White Plains Rd., Tarrytown, NY 10591-5805	--	(914) 332-1835
D	NYSDEC REGION 4, 1150 North Westcott Road., Schenectady, NY 12306-2014	(518) 357-2069	(518) 357-2045
E	NYSDEC REGION 4 SUB-OFFICE, Route 10, Jefferson Road, Stamford, NY 12167-9503	(607) 652-7364	--
F	NYSDEC REGION 5, Route 86, PO Box 296, Ray Brook. NY 12977-0296	(518) 897-1234	--
G	NYSDEC REGION 5 SUB-OFFICE, Hudson St., Warrensburg, NY 12885-0220	(518) 623-3671	(518) 623-3671
H	NYSDEC REGION 6, State Office Bldg.,317 Washington St., Watertown, NY 13601-2245	(315) 785-2245	--
I	NYSDEC REGION 6 SUB-OFFICE, State Office Building., 207 Genesee St., Utica NY 13501-2885	(315) 793-2555	(315) 793-2554
J	NYSDEC REGION 7, 615 Erie Boulevard West, Syracuse, NY 13204-2400	(315) 426-7438	(315) 426-7500
K	NYSDEC REGION 8, 6274 East Avon-Lima Rd., Avon, NY 14414-9519	(585) 226-2466	(585) 226-2466
L	NYSDEC REGION 9, 270 Michigan Ave., Buffalo, NY 14203-2999	(716) 851-7165	(716) 851-7070

CONTACT THE ABOVE D.E.P. OFFICES FOR QUESTIONS CONCERNING APPLICATION SUBMITTAL.

RENEWALS *ONLY*: NYSDEC - Environmental Permits, Permit and Registration Services, 625 Broadway, 4h Floor, Albany, NY 12233-1750
For questions, call: **(518) 402-9170**

State Pollutant Discharge Elimination System (SPDES)

INDUSTRIAL APPLICATION FORM NY-2C

For New Permits and Permit Modifications

APPLICATION INSTRUCTIONS

SECTION I - PERMITTEE AND FACILITY INFORMATION

Complete one copy of this section for your facility. This section applies to all outfalls and processes at your facility. Base your answers on actual data whenever available; otherwise use your best estimate. For new facilities to be built, use proposed design and production estimates. Applicants applying for modification of existing permits should complete information pertaining to changes made or information discovered since your last previously submitted full application form, and for any items that are specifically referenced for completion in the EBPS Information Request.

1. **Current Permit Information:** Provide the seven-digit SPDES Number and the fifteen-digit (formerly sixteen digit; the final digit is no longer required) DEC Number as they appear on page 1 of your existing SPDES permit. Leave this section blank if you are applying for a new proposed discharge or an existing unpermitted discharge.

2. **Permit Action Requested:** Indicate what type of permit action is being requested by checking the appropriate box(es). If an increase in the quantity of water discharged is being requested, describe the reason for the increase.

3. **Permittee name and mailing address:** For corporate or partnership owned facilities, provide the parent company name and the division name. For facilities owned by an individual, provide the owner's name and who they are doing business as. For Federal, State, and Municipally owned facilities, provide the Department name and the Division or Bureau name. For publicly owned facilities, identify the authority or other ownership of the facility and their mailing address.

4. **Facility Name, Address, and Location:** Enter the name, address, and location of the facility or plant. The street address should be the physical location of the facility. If no street address exists for your facility, include a brief location narrative. The mailing address for the facility, where applicable, should include the P.O. Box and the ZIP+4 code. Enter the NYTM coordinates of the main plant site [these may be determined from United States Geological Survey 7.5 minute Quadrangles or NYSDOT topographic or planimetric maps]. Enter the tax map information for all lots occupied by the facility or plant if your facility is located within New York City, Nassau County or Suffolk County.

5. **Facility Contact Person:** Enter the name, title, address, and telephone number of the facility's authorized contact person. This person should be thoroughly familiar with the facts reported on these forms and the associated discharges in the event that contact regarding the permit application must be made.

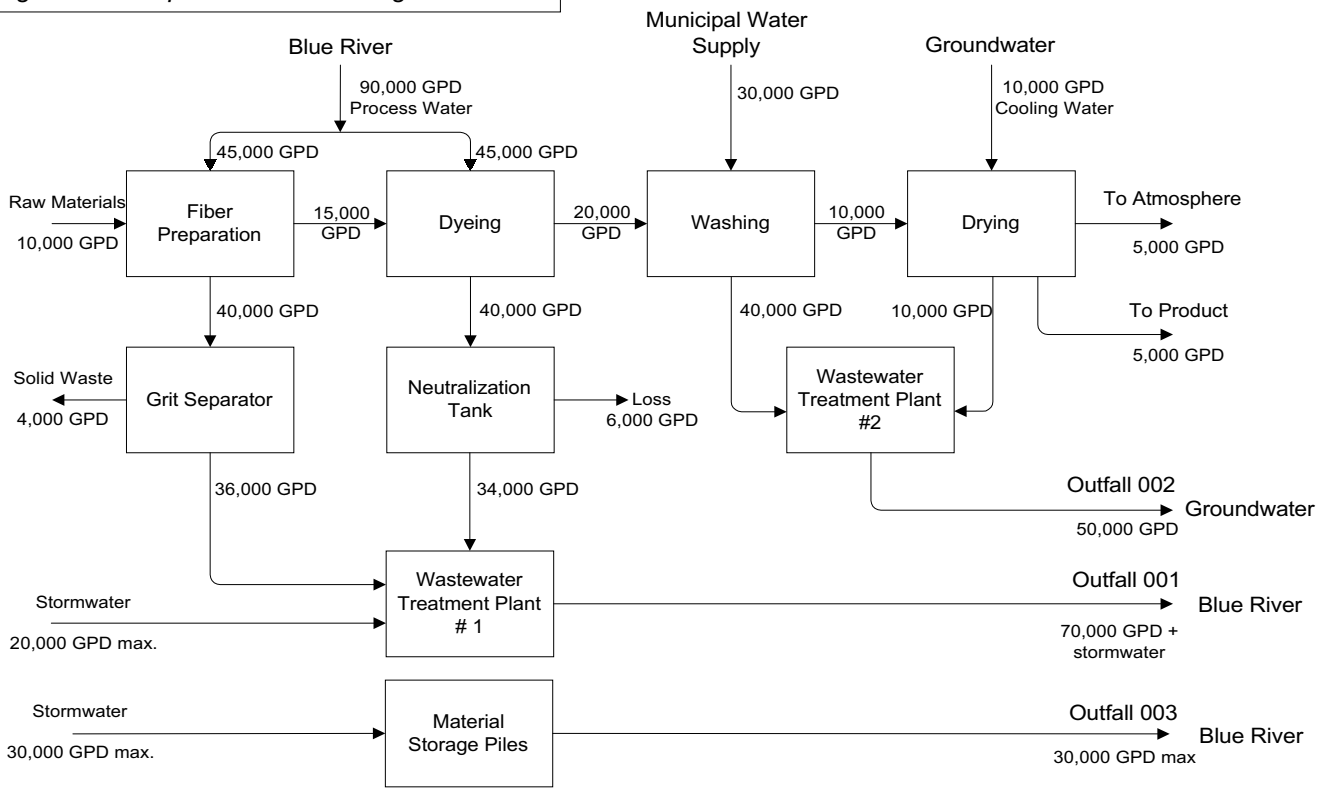
6. **Discharge Monitoring Report (DMR) Mailing Address:** Enter the address where the DMR forms should be sent. Include the name, signature, and telephone number of the person responsible for signing and submitting DMRs in accordance with the DMR authorization requirements listed on page 13 of these Instructions.

7. **Outfall Summary:** Summarize the outfalls which are present at the facility. Include all outfalls containing process discharges, internal monitoring points delineated in an existing permit, storm water associated with industrial activity, process wastewater discharges to publicly owned treatment works (POTWs), and those that discharge only sanitary wastewater directly to onsite septic systems or leach fields. For two or more substantially similar outfalls, you may group the outfalls for purposes of this summary. If more than 10 outfalls are present at the facility, attach the information for the remaining outfalls to the application on a separate 8½ X 11 sheet of paper. For discharges within sole source aquifers as shown on Figure 2 at the back of these instructions, complete the information requested on Supplement B, "DISCHARGES WITHIN SOLE SOURCE AQUIFERS**."**

8. **Map of Facility and Discharge Locations:** Provide a detailed map showing the location of the existing or proposed facility, including all buildings or structures present at the facility, wastewater discharge system(s), outfall location(s) into receiving waters, nearby surface water bodies, nearby drinking water supply wells, and groundwater monitoring wells. Also submit proof, either by indication on the map or other documentation, that a right of way for the discharges exists from the facility property to a public right of way. Copies of the site survey map with the above information added are generally acceptable. Geographic information system (GIS) coverages showing your facility, property lines and outfalls may be included at your option if such a coverage is available. Indicate the type of GIS system used to develop the coverage and include a printout of the coverage with the disk containing the coverage.

9. **Water Flow Diagram:** An example of an acceptable line drawing is shown on Figure 1 on the opposite page. Show

Figure 1 : Sample Water Flow Diagram



all sources of wastewater, including process and production areas, sanitary flows, cooling water flows, and storm water runoff. The water balance should show daily average flow rates at intake and discharge points and approximate daily flow rates between treatment units, including influent and treatment rates. Use actual measurements whenever available; otherwise, use your best estimate. All processes which contribute wastewater to one or more outfalls, including treatment units, processes and bypass piping, should be identified. Estimate all significant losses of water to products, discharge, and atmosphere. Include any existing or proposed connections to a publicly or privately owned treatment works.

10. Nature of business: Briefly describe the nature of your business. Include information on products produced or services provided, and when your facility commenced operations.

11. SIC Codes: List, in descending order of significance, the four 4-digit standard industrial classification (SIC) codes and associated descriptions which best describe your facility in terms of the principal products or services you produce or provide. These codes may differ from the SIC codes for those processes contributing to the discharges from your facility.

12. Primary industry: List the industrial categories and EPA Parts and subparts which apply to your facility in the provided table if your facility's operations are included among those industries listed in Table 1 on the following page. Note that the primary industrial categories listed below require the submittal of industry-specific production information. Complete the appropriate application supplement if your facility is one of the industries listed below. Copies of these supplements are available from the regional NYSDEC addresses listed on page ii of these instructions.

Application supplements required for specific industries

G: Beverage Industry	J: Iron and Steel Manufacturing	M: Pulp and Paper Mills
H: Dairy Processors	K: Meat Processors	N: Seafood Processors
I: Fruit and Vegetable Processors	L: Organic Chemicals, Plastics, & Synthetic Fibers	O: Steam Electric Generating Facility

13. Genetic information: Answer “Yes” to this question if your facility manufactures, handles, or discharges recombinant-DNA, pathogenic or other potentially infectious or dangerous organisms, or other genetic engineering organisms. Attach a detailed explanation of your facility’s activities, including organisms present, to this application if you answered “Yes” to this question. You may submit this information under separate cover if you want this information to remain confidential. Sewage treatment plants treating typical sewage and sanitary wastes, and industrial facilities using biological wastewater treatment systems to treat typical industrial and sanitary wastes, should answer “No” to this question.

TABLE 1
TESTING REQUIREMENTS FOR ORGANIC TOXIC POLLUTANTS INDUSTRY CATEGORY

Note: Testing for Metals, Cyanide, and Total Phenolics is required for all categories listed below.

Federal Register (FR) reference: 48 FR 14153, Apr. 1, 1983, as amended at 49 FR 38050, Sept. 26, 1984; 50 FR 6940, February 19, 1985

INDUSTRIAL CATEGORY	Categorical[1] 40 CFR Part	GC/MS FRACTION[2]			
		Volatile	Acid	Base/Neutral	Pesticide
Adhesive and sealants		X	X	X	-
Aluminum forming	467	X	X	X	-
Auto and other laundries		X	X	X	X
Battery manufacturing	461	X	-	X	-
Coal mining	434	X	X	X	X
Coil coating	465	X	X	X	-
Copper forming	468	X	X	X	-
Electric and Electronic components	469	X	X	X	X
Electroplating	413	X	X	X	-
Explosives manufacturing	457	X	X	X	-
Gum and wood chemicals (except as noted below)	454	X	X	-	-
-- Tall Oil Rosin Subcategory (Subpart D) and Rosin-Based Derivatives Subcategory (Subpart F) of the Gum and Wood Chemicals Industry (40 CFR Part 454)	454	X	X	X	-
Inorganic Chemicals manufacturing	415	X	X	X	-
Iron and Steel manufacturing	420	X	X	X	-
Leather tanning and finishing	425	X	X	X	-
Mechanical products manufacturing		X	X	X	-
Metal Molding and Casting	464	X	X	X	-
Nonferrous metals manufacturing	433	X	X	X	-
Nonferrous metals manufacturing	421	X	X	X	X
Ore mining (except Base & Precious Metals Subcategory)	440	-	-	-	-
-- Ore mining (Base & Precious Metals Subcategory, Subpart B)	440	-	X	-	-
Organic chemicals manufacturing	414	X	X	X	X
Paint & ink formulation	446, 447	X	X	X	-
Pesticides	455	X	X	X	X
Petroleum refining	419	X	-	-	-
Pharmaceutical preparations	439	X	X	X	-
Photographic equipment and supplies	459	X	X	X	-
Plastic and synthetic materials manufacturing	414	X	X	X	X
Plastic processing	463	X	-	-	-
Porcelain enameling	466	-	-	-	-
Printing and publishing		X	X	X	X
Pulp and paperboard mills (except as noted below)	430	X	X	X	X
-- Paperboard Sulfite Subcategories (Subpart J and U)	430	X	X	X	-
-- Deink (Subpart Q), Dissolving Kraft (Subpart F), and paperboard from Wastepaper (Subpart E)	430	X	X	-	-
-- BCT Bleached Kraft (Subpart H), Semi-Chemical (Subparts B and C) and Non Integrated Fine Papers (Subpart R)	430	-	X	-	-
-- Fine Bleached Kraft (Subpart I), Dissolving Sulfite Pulp (Subpart K), Groundwood-Fine Papers (Subpart O), Market Bleached Kraft (Subpart G), Tissue from Wastepaper (Subpart T), and Non Integrated Tissue Papers (Subpart S)	430	X	-	-	-
Rubber Processing	428	X	X	X	-
Soap and detergent manufacturing	417	X	X	X	-
Steam electric power plants (except as noted below)	423	X	X	X	-
-- Once-Through Cooling Water, Fly Ash and Bottom Ash Transport Water Process Waste Streams	423	X	X	-	-
Textile mills (except Greige Mills Subcategory)	410	X	X	X	-
-- Greige Mills Subcategory (Subpart C - Low water use processing of 40 CFR Part 410)	410	-	-	-	-
Timber Products Processing	429	X	X	X	X

[1] 40 CFR Parts are listed for those industries with promulgated categorical effluent limitations. For the pulp and paperboard category, use the designations that were effect prior to April 15, 1998.

[2] The pollutants in each fraction are listed in Tables 6 and 7. Requirements as listed in 40CFR Part 122 Appendix D.

Note: "X" = Testing Required; "-" = Testing Not Required, but sampling results should be included if believed present in the discharge.

14. **Material storage area runoff:** Complete this section if your facility discharges storm water runoff from a material storage area to either surface or ground waters. Material storage areas include coal piles, raw materials stockpiles, finished product stockpiles, active/inactive waste disposal areas, and operations and maintenance stockpiles such as road salt storage areas. List the size of the material storage area, type(s) and quantity of material stored, and whether any controls (covers, berms, sediment control devices, etc.) are maintained on the discharge from the material storage areas.

15. **Facility Ownership:** Indicate which type of ownership your facility operates under, and whether or not any of the discharges applied for in this application occur on Indian lands.

16. **Other environmental permits:** Provide the requested information for and status of any other type of federal, state, or local environmental permits that this facility has received or applied for, including but not limited to permits issued under any of the following programs: Air Pollution Control, Radiation Control, Solid Waste Management, Hazardous Waste Management, Oil, Gas, or Solution Salt Mining, Long Island Well, Wetlands Protection, and other SPDES permits. Indicate whether these permits are active (currently in effect), applied for (awaiting issuance) or inactive (deleted, suspended, revoked, etc.). Attach any additional information that you want to include on 8 ½" x 11" paper as an addendum to this application.

17. **Laboratory Certification:** Complete this section if any of the chemical or biological analyses reported in Sections II or III of this application were performed by a contract laboratory or consulting firm.

18. **Certification:** The certification must be signed by one of the following individuals:

    A. For *corporations*, a principal officer of at least the level of vice president. However, for those facilities whose only activities are the production of oil and/or natural gas from underground sources via wells, the officer may authorize a person having responsibility for the overall operations of the well or well field to sign the certification. In that case, the authorization must be written and submitted to the Department as an attachment to this application.
    B. For *sole proprietorships* or *partnerships*, a general partner or the proprietor, respectively.
    C. For *municipalities, State, Federal*, or *other* publicly owned facilities, a principal executive officer or ranking elected official.

19. **Industrial Chemical Survey:** Complete all information on this table for any substances listed in Tables 6 through 10 that your facility has used, produced, stored, distributed or otherwise disposed of in significant quantity in the past five years. “Significant quantity” is defined as more than 1,000 gallons per year of a substance or more than 10,000 pounds per year of a substance or, if your facility uses less than the above quantities of materials on an annual basis, the three process substances that your facility uses the greatest quantity of on an annual basis. Also complete all information on this table for any quantity of chemicals for which FDA fish flesh limits exist, chemicals identified as Bioaccumulative Chemicals of Concern (BCCs), or restricted pesticide products as listed in Part 326, Section 2 of the ECL. These chemicals are indicated by Footnote 1 in Tables 6-10. Restricted pesticides also include those products whose labeling bears the statement “Restricted Use Pesticide.” Indicate "Yes" in the "Present in Discharge" column for any of the substances listed that are used in a manner which would cause them to come into contact with a wastewater that is ultimately discharged to the waters of the State through an outfall controlled by this permit application. Include sampling results in Section III for any of the substances listed in Tables 6 through 8 that may be present in the discharge from one or more outfalls for each of the affected outfalls. Do not include those chemicals that are present in less than de minimis concentrations as listed on the MSDS sheets for that substance. List all appropriate "Purpose of Use" codes as shown in Table 2 below. You may submit this information under separate cover if you want this information to remain confidential.

Table 2

Codes for "PURPOSE OF USE" column on ICS form

Code	Description	Code	Description	Code	Description
PRO	Produced	DEG	Degreasing	COT	Used in closed system
REA	Reacted	RAD	R&D chemical	WTC	Water Treatment chemical
BAS	Blended & used as solvent	LAB	Laboratory use	NLU	No Longer Used
PKG	Packaged/Distributed	PES	Pesticide	OTH	Other (specify)
CLN	Cleaning	HER	Herbicide		

This concludes the information required for Section I. The instructions for Section II, which requests outfall specific information, begin on the following page.

State Pollutant Discharge Elimination System (SPDES)
INDUSTRIAL APPLICATION FORM NY-2C
For New Permits and Permit Modifications
APPLICATION INSTRUCTIONS

SECTION II - OUTFALL INFORMATION

Make copies of the blank forms for this section and complete this section for each outfall. Base your answers on actual data whenever available; otherwise use your best estimate. Be sure to enter the facility name, outfall number, and SPDES number (if applicable) at the top of each page. Applicants applying for modification of existing permits should complete information pertaining to changes made or information discovered since your last previously submitted full application form, and for any items that are specifically referenced for completion in the EBPS Information Request.

1. **Outfall Number and Location:** Enter the outfall number, latitude and longitude, and the name of the receiving water. For final effluent discharge points, use the following format: 001, 002, 003, etc. For internal monitoring points, such as sampling points located after a categorical process prior to the admixture of other wastewaters, use the following format: 01A, 01B, 01C, etc., where the first two digits correspond to the last two digits of the final effluent discharge point (e.g. 02A and 02B are internal monitoring locations for wastewaters tributary to the discharge from outfall 002). You may use the map you provided for Section I, Item 8 to determine the latitude and longitude of the discharge point. Latitudes and longitudes should be accurate to within 2 seconds if possible.

2. **Type of discharge and discharge rate:** Identify each of the water sources which contribute to this outfall and provide the average flow rates in the spaces provided. Where flow data is unavailable, use your best estimates. If more than four different types of process wastewater discharges contribute to a given outfall, list the remaining process wastewater discharges under the "Other" category, or as an attachment.

3. **Process information:** This information is used to determine the applicable federal regulations for this discharge. The information required to be reported is dependent on the type of facility and process contributing to the discharge. Enter the requested information for each of the process wastewater discharges identified in Item 2 above. All industries should provide the name of each process, description of each process, USEPA category/subcategory of each process (where applicable), and the SIC code for the process. Measures of production shall be provided by all facilities whose operations are listed in Table 1 of these instructions. Table 3 on the following page contains an abbreviated list of various industries and the types of information that each should report in this section of the application. Identify the flows from each process area if your facility is subject to OCPSF or metal finishing categoricals. If more than four different types of process wastewater discharges contribute to a given outfall, list process information on additional copies of this sheet.

4. **Discharge Flow Rates:** This item requests detailed information regarding expected and/or measured flows from each outfall at the facility. Provide current (from the last 12 months) or expected flow rate information as requested. When reporting the Maximum Design Flow Rate, provide the design flow for this specific outfall (e.g. batch treatment system flow, package treatment system flow, or other finite treatment system flow). For storm water discharges, the Maximum Design Flow Rate shall be based on the hydraulic capacity of the discharge structure at the outfall.

5. **Seasonal or Intermittent Discharges:** *Complete this section if the outfall discharges are seasonal or intermittent.* If the treatment facility or process discharges from one to seven days per week throughout the year, check NO and continue with Item 6. If the outfall discharges a few weeks or months per year, check YES and complete the information requested. Each discharge event should be considered one “batch” for non-process discharges. Report the highest daily value for flow rate and total volume in the "Daily Max" columns. Report the average of all daily values measured during days when discharge occurred within the past 12 months in the "LTA" (Long Term Average) columns.

6. **Water supply source:** List all water sources and provide average flow rates. The volume may be estimated from water supply meter readings, pump capacities, etc. Provide the name of the source where applicable (e.g. Hudson River, Lake Ontario, City Water Supply, private groundwater well). Indicate the units of measure in the box following the volume. If necessary, a written description may be provided as an attachment on 8 ½" x 11" paper.

7. **Outfall configuration:** *This section does not have to be completed for discharges to groundwater*. Describe the physical configuration of the discharge point of this outfall, including the distance to the outfall from shore and its location with respect to the receiving water. Use your best estimate for any dimensional information required for which you do not already have accurate measurements. For discharges to estuaries, complete the mixing zone analysis requirements listed on Supplement C: MIXING ZONE REQUIREMENTS FOR DISCHARGES TO ESTUARIES. All stream information should be provided based on low flow conditions. If a diffuser is used, attach a plan drawing of the diffuser as well as the configuration (e.g. number of diffuser ports, height from the bottom of channel, construction material, etc.) of the diffuser.

TABLE 3
Summary of Information to be Reported by Industry Type

Tabulate actual production data specified below for each month in the last 5 years and include the requested data as an attachment. Please check categorical regulations for your specific industry type for a complete listing of the information to be reported in this application.

40 CFR 405 - Dairy Products Processing: Report mass of raw materials (milk equivalent or fluid raw whey) and mass of BOD5 input of raw materials. If your facility is regulated under Subparts K or L of this category also report total suspended solids of the raw materials. Complete applicable information on Supplement H.

40 CFR 406 - Grain Mills: Report volume of final product per volume of raw material in standard bushels or mean standard bushels (for corn or wheat); hundredweight (rice), or; volume per volume on a weight basis (for cereal or wheat flour as raw material).

40 CFR 407 - Canned and Preserved Fruits and Vegetables Processing: Facilities regulated under Subparts A-G report volume per volume (weight basis) of raw materials. Facilities regulated under Subpart H report volume per volume (weight basis) of final product. Complete applicable information on Supplement I.

40 CFR 408 - Canned and Preserved Seafood Processing: Report pounds of seafood to be processed. Complete applicable information on Supplement O.

40 CFR 409 - Sugar Processing: Facilities regulated under Subpart A report volume per volume (weight basis) of final product (crystallized refined sugar). Facilities regulated under Subparts 8 and C report pounds per ton of melt, where melt is the amount of raw material (sugar) combined within an aqueous solution at the beginning of the process for production of refined sugar cane.

40 CFR 410 - Textiles: Facilities regulated under Subpart A report pounds of wool. Facilities regulated under Subpart B report pounds of fiber. All other subparts report pounds of product.

40 CFR 411 - Cement Manufacturing: Facilities regulated under Subpart A report pounds of final product. Facilities regulated under Subpart B report pounds of dust leached.

40 CFR 414 - Organic Chemicals. Plastics and Synthetic Fibers (OCPSF): Report (1) flow rates of individual process wastewater streams; (2) flow rates of individual metal-bearing or cyanide-bearing wastewater streams; (3) pounds of product generated per year for each product; and (4) indicate if end-of-pipe biological treatment exists. Complete applicable information on Supplement L.

40 CFR 415 - Inorganic Chemicals Manufacturing: Report pounds of product.

40 CFR 417 - Soap and Detergent Manufacturing: Report pounds of anhydrous product.

40 CFR 419 - Petroleum Refining: Report volume of feedstock (number of barrels) and volume of flow

40 CFR 420 - Iron and Steel Manufacturing: Report pounds of product. If air or vent scrubbers are used at the facility, describe the operations they are used in and indicate the number of scrubbers in use. Complete applicable information on Supplement J.

40 CFR 421 - Nonferrous Metals Manufacturing: Report weight of product produced, cast, or material recovered (see individual subparts for specific materials regulated) and provide a description of each specific process that produces a wastewater stream.

40 CFR 423 - Steam Electric Power Generating: Report volume of flow from process wastewater streams including contact cooling, cooling tower blowdown, and any other wastewaters including noncontact cooling water. Report total rating of electric generating capacity. Complete applicable information on Supplement M.

40 CFR 424 - Ferroalloy Manufacturing: Report (1) megawatt hour(s) of electrical energy consumed in the smelting process (for electric furnaces only), (2) weight of product (for non electric furnaces only and other if appropriate). and (3) weight of raw material processed.

40 CFR 425 - Leather Tanning and Finishing: Report weight of raw material.

40 CFR 426 - Glass Manufacturing: Facilities regulated under Subparts D & E report pounds of product. Facilities regulated under Subparts F & L report pounds of furnace pull. Subpart L facilities also report pounds of product frosted.

40 CFR 428 - Rubber Manufacturing: Report (1) weight of raw material or raw material equivalent and (2) weight of gross production.

40 CFR 429 - Timber Products Processing: Report (1) weight per volume of production and (2) weight of gross production.

40 CFR 430 - Pulp, Paper and Paperboard: Report (1) weight of product, and (2) provide a statement certifying that chlorophenolic containing biocides are not being used at the facility. Complete applicable information on Supplement N.

40 CFR 431 - Builder's Paper and Board Mills: Report pounds of product.

40 CFR 432 - Meat Products: Report (1) weight of raw material (raw material measured in live weight killed or equivalent live weight killed), (2) weight of finished product, and if the facility is regulated under Subparts E-J, (3) the manufacturing rate for individual products. Complete applicable information on Supplement K.

40 CFR 433 - Metal Finishing: Report flow rates of individual processes generating wastewater streams.

40 CFR 436 - Mineral Mining and Processing: If the facility uses HF flotation as a treatment process report weight of total product.

40 CFR 439 - Pharmaceutical Manufacturing: Report long term daily average raw waste (i.e. pre-treatment system) content of BOD5 and COD.

40 CFR 440 - Ore Mining and Dressing: Report (1) treatment or milling technique(s) employed and (2) if the facility is regulated under Subparts F-H or J, report tons of product.

40 CFR 461 - Battery Manufacturing: Report weight of raw materials used, applied, deposited, or processed and (2) weight of cells, powder, or other material produced.

40 CFR 463 - Plastics Molding and Forming: Report average process wastewater usage flow rates for each individual process.

40 CFR 464 - Metal Molding and Casting: Report (1) weight of material poured (casted) and (2) if air scrubbers are used, report volume of air scrubbed. If the facility is regulated under Subpart C report (1) the weight of sand reclaimed (if applicable) and (2) the weight of metal poured annually (if applicable).

40 CFR 465 - Coil Coating: Report (1) the total surface are of the material processed and (2) H the facility is regulated under Subpart D, report the number of cans manufactured.

40 CFR 466 - Porcelain Enameling: Report the total surface area of raw material processed or coated.

40 CFR 467 - Aluminum Forming: Report the weight of raw material (aluminum) processed including rolling, casting, forging, quenching, drawing, extruding, cleaning and etching operations.

40 CFR 468 - Copper Forming: Report weight of raw material (copper) processed including rolling, drawing, heat treating, extruding, annealing, cleaning, pickling, tumbling, burnishing, coating and forming operations.

40 CFR 471 - Nonferrous Metals Forming and Metals Powders: Report weight of raw material processed for various operations (see guidelines for descriptions of processes).

Beverage Industry (SIC Codes 2082, 2084, 2086) : Complete application information on Supplement G.

8. **Discharge temperature:** Complete this section only if your facility is a steam electric power generator, dairy, pulp/paper mill, or has a cooling water discharge (SIC code 9999) and the discharge temperature of this outfall exceeds the temperature of the receiving water by more than three (3) degrees Fahrenheit at any time. Assume a temperature of 60°F for groundwater discharges. If thermal data is unavailable, use your best estimates. Provide a description of the discharge configuration, such as "Discharge via effluent diffuser to subsurface of Hudson River." Submit specifics on the intake and discharge configuration in plan and profile (including location, design, operation, construction, and/or capacity) and indicate the disposition of any screened materials if either of the following is applicable to your facility:

   a. The discharge is to a Lake, Impoundment, or Coastal Water, and the flow is greater than 5 MGD; or

   b. The discharge is to a River, Stream, or Estuary, and the flow of the discharge is greater than the MA7CD10 of the receiving water.

   MA7CD10 flow data for the receiving water may be obtained from the NYSDEC Bureau of Watershed Management, Quality Allocation Section, 4th Floor, 625 Broadway, Albany NY 12233-3508, telephone (518) 402-8250.

9. **Water treatment chemicals:** Indicate if the water or wastewater is treated with any additives prior to discharge. These additives include, but are not limited to, conditioners, corrosion or scale inhibitors, flocculants, biocides, fungicides, molluscides, and sequestrants. If no additives are used to treat the water or wastewater from this outfall prior to discharge, check the "No" box and go to Item 10. For each water treatment additive used, provide the product name and manufacturer of the additive, and complete attached Form WTCFX, "Water Treatment Chemical (WTC) Usage Notification Requirements for SPDES Permittees."

10. **Biological testing:** Indicate whether any biological test for acute or chronic toxicity has been made on the discharge from this outfall, or on the receiving water in relation to the discharge from this outfall, in the past 3 years. Describe the type of testing performed in this table. Do not submit any information previously submitted as part of a toxicity testing program required by this Department, or otherwise submitted to the Division of Water. Indicate the date of submittal of any biological testing results previously submitted to the Department.

11. **Treatment:** Provide the requested information for the treatment system(s), if any, that are used to treat the effluent from this outfall. Include the applicable treatment code(s) from Table 4 on the following page for each treatment process. The design flow rate should be based on the treatment system design capacity, with units (e.g. GPD, etc.).

12. **Facility Improvements:** Indicate whether your facility has either a compliance agreement with a regulating agency or planned production changes which will materially alter the quantity and/or quality of the discharge from this outfall. Compliance agreements include, but are not limited to, agreements with any Federal, State, or local authority to meet an implementation schedule for the construction, upgrading, or operation of wastewater treatment equipment or practices, or for any other environmental programs, via permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and/or grant or loan conditions. Planned production changes include, but are not limited to, increases or decreases in production due to demand, plant consolidation or shutdown, and/or change in plant processes which will result in an increase or decrease in the quantity or nature of wastewater discharged. For existing permits, attach plans for any treatment system or other physical changes in the discharge process which will change the nature of the discharge from this outfall as an addendum to this application.

This concludes the information required for Section II. Instructions for Section III, which requests outfall specific sampling information, begin on Page 11 following Table 4.

TABLE 4
TREATMENT CODES AND PROCESSES

1. PHYSICAL TREATMENT PROCESSES

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

2. CHEMICAL TREATMENT PROCESSES

2-A	Carbon Adsorption	2-H	Disinfection (Other)
2-B	Chemical Oxidation	2-I	Electrochemical Treatment
2-C	Chemical Precipitation	2-J	Ion Exchange
2-D	Coagulation	2-K	Neutralization
2-E	Dechlorination	2-L	Reduction
2-F	Disinfection (Chlorine)	2-M	Oxidation (UV)
2-G	Disinfection (Ozone)	2-N	Thermal Destruction

3. BIOLOGICAL TREATMENT PROCESSES

3-A	Activated Sludge	3-F	Spray Irrigation./Land Application
3-B	Aerated Lagoons	3-G	Stabilization Ponds
3-C	Anaerobic Treatment	3-H	Trickling Filtration
3-D	Nitrification-Denitrification	3-I	Rotating Biological Contactor (RBC)
3-E	Preaeration		

4. POLLUTION PREVENTION MEASURES AND OTHER PROCESSES

4-A	Inspection, Maintenance & Repair	4-E	Product Substitution
4-B	Sensor/Controller	4-F	Discharge to Surface Water
4-C	Reuse/Recycle of Treated Effluent	4-G	Ocean Discharge Through Outfall
4-D	Underground Injection		

5. 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		

6. OTHER PROCESSES NOT LISTED ABOVE

6-A	Unlisted Process (Describe)

State Pollutant Discharge Elimination System (SPDES)
INDUSTRIAL APPLICATION FORM NY-2C
For New Permits and Permit Modifications
APPLICATION INSTRUCTIONS

SECTION III - SAMPLING AND REPORTING INFORMATION

Make copies of the blank forms for this section and complete this section for each outfall. Base your answers on actual data whenever available; otherwise use your best estimate. Be sure to enter the facility name, outfall number, and SPDES number (if applicable) at the top of each page. Applicants applying for modification of existing permits should complete all information in this section, whether or not changes have occurred to a wastewater discharge stream or its associated processes.

1. Sampling Information - Conventional Pollutants:

A. Definitions:

i. Grab sample: An individual sample of at least 100 milliliters (ml) collected at a randomly selected time over a period not exceeding 15 minutes.

ii. Composite sample: A combination of at least 8 sample aliquots of at least 100 ml total volume, collected at periodic intervals during the discharging hours of a facility over a finite (generally 24 hour) period. The composite must be flow proportional; either the time interval between each aliquot or the volume of each aliquot must be proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot. Aliquots may be collected manually or automatically.

B. General Requirements: Report all data on the Sampling Information - Conventional Parameters table (Section III Forms, Item 1), indicating the units and the sample types as specified below. Actual data must be provided for existing discharges, and expected or estimated data provided for proposed discharges. The unit are as follows: µg/l = micrograms per liter; mg/l = milligrams per liter; °F = degrees Fahrenheit; °C = degrees Celsius. Monthly and long term average data should be based on the actual operating hours of the facility and the duration of the discharge, where applicable. For long term average data, use the equivalent of three years of monthly sampling, or the maximum amount of data available for the production process as it exists at the time of application.

This item requires all dischargers to sample for pollutants *a.* through *l.* listed in the Sampling Information - Conventional Parameters table, but allows the possibility of a waiver from this requirement. The outfall categories specified in Table 5 below have received waivers for the pollutants listed. If an outfall category or pollutants are not specified in Table 5, you may request waivers on a case by case basis.

TABLE 5
CONVENTIONAL POLLUTANT SAMPLING WAIVERS FOR SPECIFIC DISCHARGE CATEGORIES

Category	Pollutant Waiver
Noncontact cooling waters without the admixture of other wastes (food and paper products manufacturers)	COD & Ammonia (as N)
Noncontact cooling waters without the admixture of other wastes and without the use of water treatment chemicals	BOD & COD
Discharges to groundwater	Temperature (winter), Temperature (summer)
Cement Plants, Salt Companies, Petroleum Storage Facilities (but not refineries), Potable or Process Water Treatment Plants	BOD, COD, & Ammonia (as N)
Sewage without the admixture of industrial or other wastes	COD
Stormwater (food and paper products manufacturers)	COD, Ammonia (as N), Temperature (winter), Temperature (summer)
Stormwater (all other wastes)	BOD, COD, Temperature (winter), Temperature (summer)

Grab samples shall be used to analyze for pH, temperature, total phosphorus, total residual chlorine, oil and grease, and fecal coliform unless other frequency-sample type analyses are available. 24-hour composite samples shall be used to analyze for 5-day BOD, COD, TOC, ammonia nitrogen and total suspended solids unless other frequency-sample type analyses are available. For existing discharges, sampling data from the previous 12 months that are considered representative of your current discharge may be used for completing this section.

B. General Requirements: (ctd)

For two or more substantially identical outfalls, permission may be requested from the Regional Water Engineer to sample and analyze only one outfall and submit the results of the analysis for other substantially identical outfalls. If the request is granted by the Regional Water Engineer, identify which outfall was sampled and describe, on a separate sheet attached to the application form, why the outfalls which were not sampled are substantially identical to the outfall which was sampled.

C. Reporting of intake data: Applicants are not required to report intake water data unless they are attempting to demonstrate eligibility for "net" effluent limitations for one or more pollutants. A "net" effluent limitation is determined by subtracting the average level of the pollutant(s) present in the intake waters from the levels remaining in the effluent after treatment. SPDES regulations allow net limitations only in certain circumstances (see 40 CFR Part 122.45(9)). To demonstrate eligibility, report the average concentration and/or mass of the results of the analyses on the intake water. If the intake water is treated prior to use, report the intake concentrations and/or mass after treatment. In addition to the analytical results, the following information must be submitted for each parameter:

i) A statement of the extent to which the level of the pollutant in the intake water is reduced by treatment of the wastewater. Be sure to specify the type and capacity of any intake water treatment equipment (e.g. screening, filtration, etc.) in the table in Section II Forms, Item 10.

ii) When applicable (for example, when the pollutant represents a class of compounds, e.g., BOD_5, TSS, etc.), a demonstration of the extent to which the pollutants in the intake vary physically, chemically and biologically from the pollutants contained in the discharge.

2. Sampling Information - Priority Pollutants, Toxic Pollutants, and Hazardous Substances:

A. General Requirements:

i. New discharges: Report all data on the Projected Effluent Quality Table (Section III Forms, Item 3), indicating units and sample types. Base your answers on actual data whenever available; otherwise use your best estimate. For new facilities to be built, use proposed design and production estimates. Indicate the units as follows: µg/l = micrograms per liter; mg/l = milligrams per liter; °F = degrees Fahrenheit; °C = degrees Celsius. See Item 1.A. above for definitions of grab and composite sampling. Monthly and long term average data should be based on the actual operating hours of the facility and the duration of the discharge, where applicable and available.

ii. Existing discharges: Report the monitoring results from this outfall for the past three (3) years, or for the time period representative of the current discharge from this outfall if less than three years. Include sample date, reported concentration, flow, and units for each parameter monitored from this outfall. It is not necessary to include data that has previously been submitted on Discharge Monitoring Reports (DMRs). Indicate the units as follows: µg/l = micrograms per liter; mg/l = milligrams per liter; °F = degrees Fahrenheit; °C = degrees Celsius. Provide the monitoring results on a CD-ROM (or other secure, read-only personal computer media) in Windows-compatible spreadsheet format. Use the data format as shown on the Existing Effluent Quality table (Section III Forms, Item 4). You may alternatively report all data in hardcopy format using the Existing Effluent Quality table or other table of similar format, indicating units and sample types, if you do not have access to the computer media listed above.

iii. All discharges: Grab samples shall be used to analyze for total phenols and cyanide unless other frequency-sample type analyses are available. 24-hour composite samples shall be used to analyze for all other parameters unless other frequency-sample type analyses are available. For existing discharges, sampling data from the previous 12 months that are considered representative of your current discharge should be used for completing this section. If your facility discharges any of the parameters identified in Tables 6 - 10 as Bioaccumulative Chemicals of Concern (BCCs), complete the information requested on Application Supplement A, “BCC ANTIDEGRADATION DEMONSTRATION,” and attach the form to this application.

If sampling data are available for other parameters not listed in Tables 6 - 10 or in other parts of this application, the applicant should report the sampling data for this outfall in the table after all other required data, or attach the information to this application on 8 ½ x 11 paper.

For two or more substantially identical outfalls, permission may be requested from the Regional Water Engineer to sample and analyze only one outfall and submit the results of the analysis for other substantially identical outfalls. If the request is granted by the Regional Water Engineer, identify which outfall was sampled and describe, on a separate sheet attached to the application form, why the outfalls that were not sampled are substantially identical to the outfall which was sampled.

iii. All discharges:(ctd) All surface water discharge applicants who use or manufacture 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-dichloroproprionate (Erbon); 0,0-Dimethyl 0-(2,4,5Trichlorophenyl) Phosphorothioate (Ronnel); 2,4,5-trichlorophenol (TCP); or Hexachlorophene (HCP); or knows or has reason to believe that TCDD is or may be present in their discharge must report qualitative data, generated using a screening procedure not calibrated with analytical standards, for 2,3,7,8-Tetrachlorodibenzo-P-Dioxin (TCDD). All data must be generated using standard calibration procedures.

B. Primary Industries: Complete this item only if the facility is a primary industry as indicated in Section I Forms, Item 12. If it is not a primary industry continue with Section C. below.

i. Process Wastewater: If the discharge from this outfall contains any process wastewater, check the YES box and continue with item ii. below. If the discharge from this outfall does not contain any process wastewater, check NO and continue with item C.

ii. Sampling Data: Indicate which GC/MS (Gas Chromatograph/Mass Spectroscopy) fraction(s) must be tested for. Refer to Table 1 of the instructions for a list of industrial categories and the respective GC/MS testing requirements. Check all that apply. Provide analytical data for each parameter of the GC/MS fraction checked above. Metals sampling, using the most sensitive approved method (i.e. graphite furnace atomic absorption (GFAA) or other equally sensitive method), is required for all industrial categories listed in Table 1 of the instructions. Refer to Tables 6 and 7 on the following pages for the parameters in each GC/MS fraction. Provide copies of the analytical results or record the information as directed in items 2.A.i. and ii. above. Additionally, all primary industries that discharge process wastewater must provide quantitative data on the appropriate Effluent Quality table for the parameters indicated, based on actual or projected flow rates as listed in Section II Item 4. above. Permittees are not required to analyze for 2,3,7,8-TCDD (Dioxin) unless they believe it is present in the discharge.

C. Additional Information: All applicants must complete this section.

i. Required pollutant analyses: If you know or have reason to believe that any of the pollutants listed in Tables 6, 7 and 8 are present in the discharge from this outfall, check "Yes" and provide qualitative and quantitative data as directed in items 2.A.i. and ii. above. Both concentration and mass data must be provided for these pollutants. If you do not know or have reason to believe any of the pollutants in Tables 6, 7, or 8 are present in the discharge, check "No".

ii. Other pollutants: If you know or have reason to believe that any of the pollutants listed in Table 9 are present in the discharge from this outfall, regardless of the type of discharge, check "Yes" and describe reasons for the pollutant being present and provide available quantitative data as an attachment to this application. If you know or have reason to believe that any of the pollutants listed in Table 10, or any other toxic, harmful, or injurious chemical substances not listed in Tables 6-10, are present in the discharge from this outfall, regardless of the type of discharge, check "Yes," describe reasons the pollutant is believed to be present, and estimate the concentration expected in the discharge. If you do not know or have reason to believe any of the pollutants in Tables 9 or 10 are present in the discharge, check "No".

3. Reporting Information: Discharge Monitoring Report (DMR) Authorization

The DMRs for your facility must be signed as follows:

A. For *corporations*, by a responsible corporate official. For purposes of this section, a responsible corporate official means (i) a president, secretary, treasurer, or a vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making function for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

B. For a *partnership* or *sole proprietorship*: by a general partner or the proprietor, respectively.

C. For a *municipality, state, federal*, or *other* public agency: by either a principal or executive officer or ranking elected official. A principal executive officer of a federal agency includes: (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

D. A duly authorized representative of the person described in items (A), (B) or (C). A person is a duly authorized representative only if (i) the authorization is made in writing by a person described in paragraph (A), (B) or (C); (ii) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company, and (iii) the written authorization is submitted to the Department.

Changes to authorization: If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements above must be submitted to the Department in letter format prior to or together with any reports to be signed by an authorized representative.

This completes the instructions for Industrial Application Form NY-2C.

TABLE 6

PRIORITY POLLUTANTS (From: 40CFR Part 122, Appendix D)

Include monitoring results for any of the pollutants listed below that are believed present in the discharge from any outfall at your facility.

GC/MS Volatile fraction compounds:

CAS #	Pollutant Name
00107-02-8	Acrolein[1]
00107-13-1	Acrylonitrile[1]
00071-43-2	Benzene
00075-25-2	Bromoform
00056-23-5	Carbon Tetrachloride
00108-90-7	Chlorobenzene
00124-48-1	Chlorodibromomethane
00075-00-3	Chloroethane
00110-75-8	2-Chloroethylvinyl ether
00067-66-3	Chloroform
00075-27-4	Dichlorobromomethane
00075-34-3	1,1-Dichloroethane
00107-06-2	1,2-Dichloroethane
00075-35-4	1,1-Dichloroethylene
00078-87-5	1,2-Dichloropropane
00542-75-6	1,3-Dichloropropylene
00100-41-4	Ethylbenzene
00074-83-9	Methyl Bromide[1]
00074-87-3	Methyl Chloride
00075-09-2	Methylene Chloride
00079-34-5	1,1,2,2-Tetrachloroethane
00127-18-4	Tetrachloroethylene
00108-88-3	Toluene
00156-60-5	1,2-trans-Dichloroethylene
00071-55-6	1,1,1-Trichloroethane
00079-00-5	1,1,2-Trichloroethane
00079-01-6	Trichloroethene
00075-01-4	Vinyl Chloride

GC/MS Acid Fraction Compounds:

CAS #	Pollutant Name
00095-57-8	2-Chlorophenol
00120-83-2	2,4-Dichlorophenol
00105-69-7	2,4-Dimethylphenol
00534-52-1	4,6-Dinitro-o-cresol[1]
00051-28-5	2,4-Dinitrophenol
00088-75-5	2-Nitrophenol
00100-02-7	4-Nitrophenol
00059-50-7	p-Chloro-m-cresol
00087-86-5	Pentachlorophenol[1]
00108-95-2	Phenol
00088-06-2	2,4,6-Trichlorophenol

GC/MS Base/Neutral fraction compounds

CAS #	Pollutant Name
00083-32-9	Acenaphthene
00208-96-8	Acenaphthylene
00120-12-7	Anthracene[1]
00092-87-5	Benzidine
00056-55-3	Benz(a)anthracene[1]
00050-32-8	Benzo(a)pyrene[1]
00205-99-4	3,4-Benzofluoranthene[1]
00191-24-2	Benzo(ghi)perylene[1]
00207-08-9	Benzo(k)fluoranthene
00111-91-1	Bis(2-chloroethoxy)methane
00111-44-4	Bis(2-chloroethyl)ether
00102-60-1	Bis(2-chloroisopropyl)ether
00117-81-7	Bis(2-ethylhexyl)phthalate
00101-55-3	4-Bromophenyl phenyl ether[1]
00085-68-7	Butylbenzyl phthalate
00091-58-7	2-Chloronaphthalene
07005-72-3	4-Chlorophenyl phenyl ether[1]
00218-01-9	Chrysene[1]
00053-70-3	Dibenz(a,h)anthracene[1]
00095-50-1	1,2-Dichlorobenzene
00541-73-1	1,3-Dichlorobenzene
00106-46-7	1,4-Dichlorobenzene
00091-94-1	3,3'-Dichlorobenzidine
00084-66-2	Diethyl phthalate
00131-11-3	Dimethyl phthalate
00084-74-2	Di-n-butyl phthalate
00606-20-2	2,6-Dinitrotoluene
00117-84-0	Di-n-octyl phthalate
00122-66-7	1,2-Diphenylhydrazine
00206-44-0	Fluroranthene[1]
00086-73-7	Fluorene
00118-74-1	Hexachlorobenzene[1]
00087-68-3	Hexachlorobutadiene[1]
00077-47-4	Hexachlorocyclopentadiene
00067-72-1	Hexachloroethane[1]
00193-39-5	Indeno(1,2,3-cd)pyrene[1]
00078-59-1	Isophorone
00091-20-3	Naphthalene
00098-95-3	Nitrobenzene
00062-75-9	N-nitrosodimethylamine
00621-64-7	N-nitrosodi-n-propylamine
00086-30-6	N-nitrosodiphenylamine
00085-01-8	Phenanthrene[1]
00129-00-0	Pyrene[1]
00120-82-1	1,2,4-Trichlorobenzene[1]

GC/MS Pesticides fraction compounds:

CAS #	Pollutant Name
00309-00-2	Aldrin[1]
00319-84-6	alpha-BHC[1]
00319-85-7	beta-BHC[1]
00058-89-9	gamma-BHC (Lindane)[1]
00319-86-8	delta-BHC[1]
00057-74-9	Chlordane[1]
00050-29-3	4,4'-DDT[1]
00072-55-9	4,4'-DDE[1]
00072-54-8	4,4'-DDD[1]
00060-57-1	Dieldrin[1]
00959-98-8	alpha-Endosulfan[1]
33213-65-9	beta-Endosulfan
01031-07-8	Endosulfan sulfate
00072-20-8	Endrin[1]
07421-93-4	Endrin aldehyde
00076-44-8	Heptachlor[1]
01024-57-3	Heptachlor epoxide[1]
53469-21-9	PCB-1242[1]
11097-69-1	PCB-1254[1]
11104-28-2	PCB-1221[1]
11141-16-5	PCB-1232[1]
12672-29-6	PCB-1248[1]
11096-82-5	PCB-1260[1]
12674-11-2	PCB-1016[1]
08001-35-2	Toxaphene[1]

Dioxin:

CAS #	Pollutant Name
01764-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin[1,2]

Metals and Other Toxic Pollutants:

CAS #	Pollutant Name
07440-36-0	Antimony, Total
07440-38-2	Arsenic, Total
07440-41-7	Beryllium, Total
07440-43-9	Cadmium Total
07440-47-3	Chromium, Total
07440-50-8	Copper, Total
07439-92-1	Lead, Total
07439-97-6	Mercury, Total[1]
07440-02-0	Nickel, Total
07782-49-2	Selenium, Total
07440-22-4	Silver, Total
07440-28-0	Thallium, Total[1]
07440-66-6	Zinc, Total
00057-12-5	Cyanide, Total
	Phenols, Total[3]
01332-21-4	Asbestos

Notes: 1. These pollutants either have FDA fish flesh concentration limits, are identified as Bioaccumulative Chemicals of Concern (BCCs), or are restricted pesticides. Any quantity of these chemicals used, produced, stored, distributed or otherwise disposed of by your facility must be reported on the ICS Form. See Item 19 on page 6 of these instructions for more information.

2. Dioxin is not listed in Part 122, Appendix D, but is a priority pollutant.

3. Phenols, Total is not a Priority Pollutant but is considered a Toxic Substance for permit classification purposes.

TABLE 7

Other Significant Pollutants with NYSDEC Standards/Guidance Values and USEPA/NYSDEC Promulgated Analytical Methods

Include monitoring results for any of the pollutants listed below that are believed present in the discharge from any outfall at your facility.

A. Base/Neutral/Acid Compounds:

CAS Number	Parameter Name
00092-67-1	4-Aminobiphenyl
00062-53-3	Aniline
00140-57-8	Aramite
00106-47-8	4-Chloroaniline
00119-93-7	3,3'-Dimethylbenzidine
00122-09-8	*α,α*-Dimethylphenethylamine
00099-65-0	1,3-Dinitrobenzene
00122-39-4	Diphenylamine
00070-30-4	Hexachlorophene
01888-71-7	Hexachloropropene
00099-55-8	5-Nitro-o-toluidine
00088-74-4	2-Nitroaniline
00099-09-2	3-Nitroaniline
00100-01-6	4-Nitroaniline
00608-93-5	Pentachlorobenzene[1]
00106-50-3	1,4-Phenylenediamine
00298-02-2	Phorate
00095-94-3	1,2,4,5-Tetrachlorobenzene[1]
00095-53-4	o-Toluidine
00099-35-4	1,3,5-Trinitrobenzene, sym-

B. Conventional Compounds and Metals:

CAS Number	Parameter Name
07664-41-7	Ammonia/ammonium
24959-67-9	Bromide
	Chloride
	Color
	Coliform, Fecal
	Coliform, Total
16984-48-8	Fluoride
	Nitrogen, Nitrate
	Nitrogen, Nitrite
	Methylene Blue Active Substances
07723-14-0	Phosphorus (as P), Total
	Radioactivity
	Alpha, Total
	Beta, Total
	Radium, Total
	Radium 226, Total
	Solids, Settleable
14808-79-8	Sulfate (as SO4)
	Sulfide (as S)
14265-45-3	Sulfite (as SO3)
	Cyanide, Amenable to Chlorination
07440-47-3	Chromium, Hexavalent
07439-90-5	Aluminum, Total
07440-39-3	Barium, Total
07440-42-8	Boron, Total
07440-48-4	Cobalt, Total
07439-89-6	Iron, Total
07439-95-4	Magnesium, Total
07439-98-7	Molybdenum, Total
07439-96-5	Manganese, Total
07440-23-5	Sodium, Total
07440-31-5	Tin, Total
07440-32-6	Titanium, Total
07440-62-2	Vanadium, Total

C. Volatile Organic Compounds:

CAS Number	Parameter Name
00067-64-1	Acetone
00107-05-1	Allyl chloride
00126-99-8	Chloroprene
00074-95-3	Dibromomethane
00110-57-6	trans-1,4-Dichloro-2-butene
00075-71-8	Dichlorodifluoromethane
00156-59-2	cis-1,2-Dichloroethylene
10061-01-5	cis-1,3-Dichloropropene
10061-02-6	trans-1,3-Dichloropropene
00106-93-4	Ethylene dibromide (EDB)
00107-21-1	Ethylene glycol
00591-78-6	2-Hexanone
00126-98-7	Methacrylonitrile
00078-93-3	Methyl ethyl ketone
00074-88-4	Methyl iodide (Iodomethane)
00080-62-6	Methyl methacrylate
00076-01-7	Pentachloroethane
00110-86-1	Pyridine
00100-42-5	Styrene
00630-20-6	1,1,1,2-Tetrachloroethane
00075-69-4	Trichlorofluoromethane
00096-18-4	1,2,3-Trichloropropane
00095-47-6	Xylene, Ortho- (1,2-)
00108-38-3	Xylene, Meta- (1,3-)
00106-42-3	Xylene, Para- (1,4-)

D. Pesticides:

CAS Number	Parameter Name
15972-60-8	Alachlor
00116-06-3	Aldicarb
00834-12-8	Ametryn
02032-59-9	Aminocarb (Metacil)
01610-17-9	Atraton
01912-24-9	Atrazine
00086-50-0	Azinphosmethyl
00101-27-9	Barban
01861-40-1	Benefin
00314-40-9	Bromacil
23184-66-9	Butachlor
00133-06-2	Captan
00063-25-2	Carbaryl
01563-66-2	Carbofuran[1]
00075-99-0	Dalapon
00298-03-3	Demeton (-o)[1]
00126-75-0	Demeton (-S)[1]
00333-41-5	Diazinon
00096-12-8	1,2- Dibromo-3-chloropropane
01918-00-9	Dicamba
00094-75-7	2,4-Dichlorophenoxyacetic acid (2,4-D)[1]
00088-85-7	Dinoseb[1]
00298-04-4	Disulfoton
14484-64-1	Ferbam
02164-17-2	Fluometuron
01071-83-6	Glyphosate (Roundup)[1]
00608-73-1	Hexachlorocyclohexanes
51235-04-2	Hexazinone
00465-73-6	Isodrin
33820-53-0	Isopropalin
00143-50-0	Kepone[1]
00121-75-5	Malathion
08018-01-7	Mancozeb
12427-38-2	Maneb
16752-77-5	Methomyl[1]
00072-43-5	Methoxychlor[1]
00298-00-0	Methyl parathion[1]
00094-74-6	2-Methyl-4-chloro-phenoxyacetic acid; MCPA
21087-64-9	Metribuzin
02385-85-5	Mirex (Hexachloropentadiene)[1]
00142-59-6	Nabam
23135-22-0	Oxamyl[1]
00056-38-2	Parathion[1]
00082-68-8	Pentachloronitrobenzene
01610-18-0	Prometon
01918-16-7	Propachlor
00139-40-2	Propazine
00122-42-9	Propham
00122-34-9	Simazine[1]
05902-51-2	Terbacil
13071-79-9	Terbufos[1]
00093-76-5	2,4,5-Trichlorophenoxyacetic acid[1]
01582-09-8	Trifluralin
12122-67-7	Zineb
00137-30-4	Ziram

Notes: 1. These pollutants either have FDA fish flesh concentration limits, are identified as Bioaccumulative Chemicals of Concern (BCCs), or are restricted pesticides. Any quantity of these chemicals used, produced, stored, distributed or otherwise disposed of by your facility must be reported on the ICS Form. See Item 19 on page 6 of these instructions for more information.

TABLE 8
Other Significant Pollutants with USEPA/NYSDEC Promulgated Analytical Methods

Include monitoring results for any of the pollutants listed below that are believed present in the discharge from any outfall at your facility.

CAS Number	Pollutant Name
	AOP (Ambam oxidation product)
00075-05-8	Acetonitrile
00098-86-2	Acetophenone
17804-35-2	Benomyl
25057-89-0	Bentazon
00100-51-6	Benzyl alcohol
00100-44-7	Benzyl chloride
35400-43-2	Bolstar (Sulprofos)
51026-28-9	Busan 40
00128-03-0	Busan 85
07440-70-2	Calcium, Total
00128-04-1	Carbam S
10605-21-7	Carbendazim
00075-15-0	Carbon disulfide[1]
00786-19-6	Carbophenothion (Trithion)[1]
03734-48-3	Chlordene
00093-65-2	2-(4-Chloro-2-methylphenoxy)propionic acid; MCPP
00510-15-6	Chlorobenzilate
00101-21-3	Chloropropham
05836-10-2	Chloropropylate[1]
02921-88-2	Chlorpyrifos[1]
05598-13-0	Chlorpyrifos methyl
00056-72-4	Coumaphos
21725-46-2	Cyanazine
00094-82-6	2,4-DB
00134-62-3	DEET
02303-16-4	Diallate
00132-64-9	Dibenzofuran
00097-17-6	Dichlofenthion
00099-30-9	Dichloran
00087-65-0	2,6-Dichlorophenol
00062-73-7	Dichlorvos[1]
00115-32-2	Dicofol
00297-97-2	o,o-Diethyl-o-2-pyrazinyl phosphorothioate (Thionazin)
00060-51-5	Dimethoate
00057-97-6	7,12-Dimethylbenz(a)anthracene
00123-91-1	1,4-Dioxane; diethylene dioxide
00078-34-2	Dioxathion[1]
00330-54-1	Diuron
55283-68-6	Ethalfluralin
00563-12-2	Ethion[1]
00097-63-2	Ethyl methacrylate
00062-50-0	Ethyl methane sulfonate
02593-15-9	Etridiazole
00052-85-7	Famphur[1]
68876-78-8	Fecal Streptococci
00115-90-2	Fensulfothion
00055-38-9	Fenthion (Baytex)[1]
00101-42-8	Fenuron
04482-55-7	Fenuron-TCA
00050-00-0	Formaldehyde
07440-57-5	Gold, Total
03389-71-7	Hexachlorobicycloheptadiene
07439-88-5	Iridium, Total
00078-83-1	Isobutyl alcohol
00120-58-1	Isosafrole
00128-03-0	KN Methyl
00330-55-2	Linuron
26544-20-7	MCPA isooctyl ester
00950-10-7	Mephosfolan
00137-42-8	Metham
02032-65-7	Methyl carbamate; methiocarb[1]
00066-27-3	3-Methyl methanesulfonate
00953-17-3	Methyl trithion
00108-10-1	4-Methyl-2-pentanone; Methyl isobutyl ketone
00056-49-5	3-Methylcholanthrene
00091-57-6	2-Methylnaphthalene
00095-48-7	2-Methylphenol; o-Cresol
00108-39-4	3-Methylphenol; m-Cresol
00106-44-5	4-Methylphenol; p-Cresol
07786-34-7	Mevinphos
00315-18-4	Mexacarbate[1]
00150-68-5	Monuron
00140-41-0	Monuron-TCA
10595-95-6	N-Nitrosomethylethylamine
00059-89-2	N-Nitrosomorpholine
00100-75-4	N-Nitrosopiperidine
00930-55-2	N-Nitrosopyrrolidine
00300-76-5	Naled
00134-32-7	1-Naphthylamine
00091-59-8	2-Naphthylamine
00130-15-4	1,4-Napthoquinone
00555-37-3	Neburon
15339-36-3	Niacaide
00056-57-5	4-Nitroquinoline-1-oxide
07440-04-2	Osmium, Total
07440-05-3	Palladium, Total
00072-56-0	Perthane
00062-44-2	Phenacetin
	Phosphorus, Orthophosphate
00109-06-8	Picoline, alpha-
07440-06-4	Platinum, Total
07440-09-7	Potassium, Total
26399-36-0	Profluralin
07287-19-6	Prometryn
23950-58-5	Pronamide
00107-12-0	Propionitrile
00114-26-1	Propoxur
07440-15-5	Rhenium
07440-16-6	Rhodium, Total
00299-84-3	Ronnel
07440-18-8	Ruthenium, Total
00094-59-7	Safrole
26259-45-0	Secbumeton
01982-49-6	Siduron
07631-86-9	Silica, Dissolved
01014-70-6	Simetrin
00961-11-5	Stirofos
08001-50-1	Strobane[1]
01918-18-9	Swep
05915-41-3	Terbuthylazine
00886-50-0	Terbutryn
00058-90-2	2,3,4,6-Tetrachlorophenol
03689-24-5	Tetraethyl dithiopyrophosphate
43121-43-3	Triadimefon
00327-98-0	Trichloronate
00095-95-4	2,4,5-Trichlorophenol
32534-95-5	2,4,5-Trichlorophenoxyacetic acid, isooctyl ester
41814-78-2	Tricyclazole
00126-68-1	o,o,o-Triethylphosphorothioate
00108-05-4	Vinyl acetate
38714-47-5	ZAC (Zinc ammonium carbonates, etc)

Notes: 1. These pollutants either have FDA fish flesh concentration limits, are identified as Bioaccumulative Chemicals of Concern (BCCs), or are restricted pesticides. Any quantity of these chemicals used, produced, stored, distributed or otherwise disposed of by your facility must be reported on the ICS Form. See Item 19 on page 6 of these instructions for more information.

TABLE 9
Other Significant Pollutants with NYSDEC Standards/Guidance Values

Identify any of the pollutants listed below that are believed present in the discharge from any outfall at your facility on the Industrial Chemical Survey form. No USEPA/NYSDEC analytical methods have been promulgated for the pollutants in Table 9. Provide analytical results, if available, as directed in Section III Items 2.A.i. and ii. of the instructions or as an attachment to this application.

CAS Number	Pollutant Name
00079-06-1	Acrylamide
00079-10-7	Acrylic acid
01646-88-4	Aldicarb sulfone
01646-87-3	Aldicarb sulfoxide
68391-01-5	Alkyl dimethyl benzyl ammonium chloride
	Alkyl diphenyl oxide sulfonates
00095-84-1	2-Amino-para-cresol
02835-99-6	4-Amino-meta-cresol
02835-95-2	5-Amino-ortho-cresol
	Aminomethylene phosphonic acid salts
26445-05-6	Aminopyridine
00504-29-0	2-Aminopyridines
00462-08-8	3-Aminopyridines
00504-24-5	4-Aminopyridines
00108-44-1	3-Aminotoluene
00106-49-0	4-Aminotoluene
00100-66-3	Anisole
	Aryltriazoles
00103-33-3	Azobenzene
00098-87-3	Benzal chloride
00271-61-4	Benzisothiazole
00098-07-7	Benzoic trichloride
25973-55-1	2-(2-hydroxy-3,5-di-tert-pentylphenyl)Benzotriazole
00092-52-4	1,1'-Biphenyl
00542-88-1	Bis(chloromethyl)ether
	Boric acid, Borates and Metaborates
00108-86-1	Bromobenzene
00074-97-5	Bromochloromethane
31600-69-8	4-(1-methylethoxy)-1-Butanol
15798-64-8	cis-2-Butenal
00123-73-9	trans-2-Butenal
01190-76-7	cis-2-Butenenitrile
00627-26-9	trans-2-Butenenitrile
00112-34-5	Butoxyethoxyethanol
05131-66-8	Butoxypropanol
	Butyl isopropyl phthalate
02008-41-5	Butylate
00104-51-8	n-Butylbenzene
00135-98-8	sec-Butylbenzene
00098-06-6	tert-Butylbenzene
05234-68-4	Carboxin
00133-90-4	Chloramben
00118-75-2	Chloranil
	Chlorinated dibenzofurans
00460-35-5	3-Chloro-1,1,1-trifluoropropane
00095-69-2	4-Chloro-o-toluidine
00095-79-4	5-Chloro-o-toluidine
00095-51-2	2-Chloroaniline
00108-42-9	3-Chloroaniline
00098-56-6	4-Chlorobenzotrifluoride
00109-69-3	1-Chlorobutane
00107-30-2	Chloromethyl methyl ether
00088-73-3	2-Chloronitrobenzene
00121-73-3	3-Chloronitrobenzene
00100-00-5	4-Chloronitrobenzene
01897-45-6	Chlorothalonil
00095-49-8	2-Chlorotoluene
00108-41-8	3-Chlorotoluene
00106-43-4	4-Chlorotoluene
00506-68-3	Cyanogen bromide
00506-77-4	Cyanogen chloride
13560-89-9	Dechlorane Plus
08065-48-3	Demeton (Systox)[1]
00103-23-1	Di(2-ethylhexyl)adipate
10222-01-2	2,2-Dibromo-3-nitrilopropionamide
03252-43-5	Dibromoacetonitrile
00583-53-9	1,2-Dibromobenzene
00108-36-1	1,3-Dibromobenzene
00106-37-6	1,4-Dibromobenzene
00594-18-3	Dibromodichloromethane
01476-11-5	cis-1,4-Dichloro-2-butene
00328-84-7	3,4-Dichlorobenzotrifluoride
00075-71-8	Dichlorodifluoromethane
00075-43-4	Dichlorofluoromethane
00078-99-9	1,1-Dichloropropanes
00142-28-9	1,3-Dichloropropanes
00594-20-7	2,2-Dichloropropanes
00563-58-6	1,1-Dichloropropene
00098-87-3	α,α-Dichlorotoluene
32768-54-0	2,3-Dichlorotoluenes
00095-73-8	2,4-Dichlorotoluenes
19398-61-9	2,5-Dichlorotoluenes
00118-69-4	2,6-Dichlorotoluenes
00095-75-0	3,4-Dichlorotoluenes
25186-47-4	3,5-Dichlorotoluenes
00076-12-0	1,2-Difluoro-1,1,2,2-tetrachloroethane
00100-18-5	1,4-Diisopropyl benzene
00577-55-9	1,2-Diisopropylbenzene
00099-62-7	1,3-Diisopropylbenzene
00121-69-7	N,N-Dimethyl aniline
01861-32-1	Dimethyl tetrachloroterephthalate
00087-59-2	2,3-Dimethylaniline
00095-68-1	2,4-Dimethylaniline
00095-78-3	2,5-Dimethylaniline
00087-62-7	2,6-Dimethylaniline
00095-64-7	3,4-Dimethylaniline
00108-69-0	3,5-Dimethylaniline
01875-92-9	Dimethylbenzylammonium chloride
00538-39-6	4,4'-Dimethylbibenzyl
04957-14-6	4,4'-Dimethyldiphenylmethane
05197-80-8	Dimethylethylbenzylammonium chloride
00068-12-2	Dimethylformamide
25321-14-6	Dinitrotoluene (mixed isomers)
00602-01-7	2,3-Dinitrotoluene
00619-15-8	2,5-Dinitrotoluene
00610-39-9	3,4-Dinitrotoluene
00618-85-9	3,5-Dinitrotoluene
00957-51-7	Diphenamid
00530-50-7	1,1-Diphenylhydrazines
00085-00-7	Diquat dibromide
02439-10-3	Dodecylguanidine acetate
13590-97-1	Dodecylguanidine hydrochloride
00479-18-5	Dyphilline
00145-73-3	Endothall
53494-70-5	Endrin ketone
00107-07-3	Ethylene chlorohydrin
00075-21-8	Ethylene oxide
00096-45-7	Ethylenethiourea
00133-07-3	Folpet
00093-14-1	Guaifenesin
06108-10-7	Hexachlorocyclohexanes (epsilon)
00302-01-2	Hydrazine
07783-06-4	Hydrogen sulfide
00123-31-9	Hydroquinone
02809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid
29761-21-5	Isodecyl diphenyl phosphate

TABLE 9
Other Significant Pollutants with NYSDEC Standards/Guidance Values (continued)

00098-82-8	Isopropylbenzene
00527-84-4	2-Isopropyltoluene
00535-77-3	3-Isopropyltoluene
00099-87-6	4-Isopropyltoluene
	Isothiazolones, total
	Linear alkylbenzene sulfonates
00149-30-4	Mercaptobenzothiazole
00079-41-4	Methacrylic acid
04013-34-7	[1-Methoxyethyl]benzene
03558-60-9	[2-Methoxyethyl]benzene
	Methylbenz(a)anthracenes
06217-18-6	Methylene bisthiocyanate
00101-14-4	4,4'-Methylene-bis-(2-chloroaniline)
00101-61-1	4,4'-Methylene-bis-(N,N'-dimethyl)aniline
01807-55-2	4,4'-Methylene-bis-(N-methyl)aniline
00126-39-6	2-Methylethyl-1,3-dioxolane
00611-15-4	2-Methylstyrene
00100-80-1	3-Methylstyrene
00622-97-9	4-Methylstyrene
00098-83-9	α-Methylstyrene
00100-61-8	N-Methylaniline
00098-92-0	Niacinamide
04726-14-1	Nitralin
00139-13-9	Nitrilotriacetic acid
00088-72-2	2-Nitrotoluene
00099-08-1	3-Nitrotoluene
00099-99-0	4-Nitrotoluene
04685-14-7	Paraquat
40487-42-1	Pendimethalin
00101-84-8	Phenyl ether
00637-50-3	3-Phenyl-1-propene
00766-90-5	cis-1-Phenyl-1-propene
00873-66-5	trans-1-Phenyl-1-propene
00095-54-5	1,2-Phenylenediamine
00108-45-2	1,3-Phenylenediamine
00100-63-0	Phenylhydrazine
14838-15-4	Phenylpropanolamine
01918-02-1	Picloram
59536-65-1	Polybrominated biphenyls (PBBs)
00709-98-8	Propanil
00103-65-1	n-Propylbenzene
	Quaternary ammonium compounds
07440-24-6	Strontium 90
34014-18-1	Tebuthiuron
00634-66-2	1,2,3,4-Tetrachlorobenzenes[1]
00634-90-2	1,2,3,5-Tetrachlorobenzenes
02136-79-0	Tetrachloroterephthalic acid
05216-25-1	α,α,α,4-Tetrachlorotoluene
00109-99-9	Tetrahydrofuran
00058-55-9	Theophylline
00137-26-8	Thiram
00095-80-7	Toluene-2,4-diamine
00095-70-5	Toluene-2,5-diamine
00823-40-5	Toluene-2,6-diamine
29385-43-1	Tolyltriazole
00615-54-3	1,2,4-Tribromobenzene
00056-35-9	Tributyltin oxide
00634-93-5	2,4,6-Trichloroaniline
00087-61-6	1,2,3-Trichlorobenzenes
00108-70-3	1,3,5-Trichlorobenzenes
00075-69-4	Trichlorofluoromethane
00093-72-1	2,4,5-Trichlorophenoxypropionic acid (Silvex)[1]
00598-77-6	1,1,2-Trichloropropane
13116-57-9	cis-1,2,3-Trichloropropene
13116-58-0	trans-1,2,3-Trichloropropene
07359-72-0	2,3,4-Trichlorotoluene
56961-86-5	2,3,5-Trichlorotoluene
02077-46-5	2,3,6-Trichlorotoluene
06639-30-1	2,4,5-Trichlorotoluene
23749-65-7	2,4,6-Trichlorotoluene
00098-07-7	α,α,α-Trichlorotoluene
00088-66-4	α,α,2-Trichlorotoluene
00094-99-5	α,2,4-Trichlorotoluene
13940-94-8	α,α,4-Trichlorotoluene
02014-83-7	α-2,6-Trichlorotoluene
00102-47-6	α-3,4-Trichlorotoluene
26523-64-8	Trichlorotrifluoroethanes
00354-58-5	1,1,1-Trichloro-2,2,2-trifluoroethane
00076-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane
00108-67-8	Trimethylbenzenes
00526-73-8	1,2,3-Trimethylbenzenes
00095-63-6	1,2,4-Trimethylbenzenes
00108-67-8	1,3,5-Trimethylbenzenes
25551-13-7	Trimethylbenzenes (mixed isomers)
01463-84-6	2,3,6-Trimethylpyridines
00108-75-8	2,4,6-Trimethylpyridines
00602-29-9	2,3,4-Trinitrotoluene
18292-97-2	2,3,6-Trinitrotoluene
00610-25-3	2,4,5-Trinitrotoluene
00118-96-7	2,4,6-Trinitrotoluene
00603-15-6	3,4,5-Trinitrotoluene
00115-86-6	Triphenyl phosphate
10028-17-8	Tritium
	Uranyl Ion

For discharges to groundwater, also include any substances to which the Principal Organic Contaminant (POC) groundwater standard applies. The POC groundwater standard includes the following classes of compounds: (1) Halogenated alkanes (includes those compounds identified by *Freon, Genatron, Halon, CFC-* and *HCFC-* prefixes in their product names); (2) Halogenated ethers; (3) Halobenzenes and substituted halobenzenes; (4) Benzene and alkyl- or nitrogen-substituted benzenes; (5) Substituted unsaturated hydrocarbons (i.e. straight or branched chain unsaturated hydrocarbon containing one of the following: halogen, aldehyde, nitrile, amide); (6) Halogenated non-aromatic cyclic hydrocarbons. See 6NYCRR Section 700.1 for additional information.

Notes: 1. These pollutants either have FDA fish flesh concentration limits, are identified as Bioaccumulative Chemicals of Concern (BCCs), or are restricted pesticides. Any quantity of these chemicals used, produced, stored, distributed or otherwise disposed of by your facility must be reported on the ICS Form. See Item 19 on page 6 of these instructions for more information.

TABLE 10

Other Pollutants and Hazardous Substances Required to be Identified in ICS by Applicants if Present at Facility in Significant Levels

Abamectin [Avermectin B1]
Acephate
Acetic Acid
Acetic anhydride
Acetone cyanohydrin
Acetyl bromide
Acetyl chloride
Acid Compounds
Acifluorfen, sodium salt
Adipic acid
Alkalinity, Carbonate, as CaCO3
d-trans-Allethrin
Allyl alcohol
Allylamine
Aluminum oxide (fibrous form)
Aluminum phosphide[1]
Aluminum sulfate
1-Amino-2-methylanthraquinone
2-Aminoanthraquinone
4-Aminoazobenzene
Amitraz
Amitrole
Ammonium acetate
Ammonium benzoate
Ammonium bicarbonate
Ammonium bichromate
Ammonium bifluoride
Ammonium bisulfite
Ammonium carbamate
Ammonium carbonate
Ammonium chloride
Ammonium chromate
Ammonium citrate
Ammonium fluoride
Ammonium fluoroborate
Ammonium hydroxide
Ammonium nitrate (solution)
Ammonium oxalate
Ammonium silicofluoride
Ammonium sulfamate
Ammonium sulfate (solution)
Ammonium sulfide
Ammonium sulfite
Ammonium tartrate
Ammonium thiocyanate
Ammonium thiosulfate
Amyl acetate
Anilazine
ortho-Anisidine hydrochloride
ortho-Anisidine
para-Anisidine
Antimony pentachloride
Antimony potassium tartrate
Antimony tribromide
Antimony trichloride
Antimony trifluoride
Antimony trioxide
Arsenic disulfide
Arsenic pentoxide
Arsenic trichloride
Arsenic trioxide
Arsenic trisulfide
Avitrol[1]
Azodrin[1]
1-(3-Chloroallyl)-3,5,7-triaza-1-Azoniaadamantane chloride
Bandane[1]
Barium cyanide
Bendiocarb
Bentazon
Benzaldehyde
Benzamide
Benzeneacetic acid
1,2-Benzenedicarboxaldehyde
Benzenepropanoic acid
Benzo(e)pyrene
Benzo(j)fluoranthene
Benzo(rst)pentaphene
Benzoic acid
Benzoic acid
Benzoic acid, ammonium salt
Benzonitrile
2-(Thiocyanomethyltrio)Benzothiazole
Benzoyl chloride
Benzoyl peroxide
Beryllium chloride
Beryllium fluoride
Beryllium nitrate
Bidrin[1]
Bifenthrin
Bis(2-chloro-1-methylethyl)ether
1,3-Bis(methylisocyanate)cyclohexane
1,4-Bis(methylisocyanate)cyclohexane
Bis(pentabromophenyl)ether
Bismuth, Total
Bomyl[1]
Boron trichloride
Boron trifluoride
Brodifacoum (Talon)[1]
Bromacil, lithium salt[1]
Bromadialone (Maki)[1]
Bromethalin[1]
Bromine
1-Bromo-1-(bromomethyl)-1,3-propane dicarbonitrile
Bromophos
Bromoxynil
Bromoxynil octanoate
Bronopol
Brucine
1,3-Butadiene
1-Butanol
Butyl acrylate
sec-Butyl alcohol
Butylacetate
Butylamine
N-Butylbenzene sulfonamide
4,4-Butyldenebis-(6-T-butyl-M-cresol)
1,2-Butylene oxide
N-Butylphthalate
Butyraldehyde
Butyric acid
4-(4-Chloro-2-methylphenoxy) Butyric acid
C.I. Acid Green 3
C.I. Acid Red 114
C.I. Basic Green 4
C.I. Basic Red 1
C.I. Direct Black 38
C.I. Direct Blue 218
C.I. Direct Blue 6
C.I. Direct Brown 95
C.I. Disperse Yellow 3
C.I. Food Red 15
C.I. Food Red 5
C.I. Solvent Orange 7
C.I. Solvent Yellow 14
C.I. Solvent Yellow 3
C.I. Solvent Yellow 34 (Auramine)
C.I. Vat Yellow 4
Cacodylic acid
Cadmium acetate
Cadmium bromide
Cadmium chloride
Calcium arsenate
Calcium arsenite
Calcium carbide
Calcium chromate
Calcium cyanamide
Calcium cyanide[1]
Calcium dodecylbenzenesulfonate
Calcium hypochlorite
Caprolactam
Captafol
Carbamates
Carbazole
Carbonyl sulfide
Catechol
Chinomethionat
Chloral
Chlorendic Acid
Chlorfenvinphos (Birlane)[1]
Chlorimuron ethyl
Chlorine
Chlorine dioxide
3-Chloro-2-methyl-1-propene
4-Chloro-3,5-dimethylphenol
Chloroacetic acid
2-Chloroacetophenone
4-Chlorobenzoic acid
Chlorophacinone (Rozol)[1]
para-Chlorophenyl isocyanate
Chloropicrin[1]
3-Chloropropionitrile
Chlorosulfonic acid
Chlorotetrafluoroethane
Chlorothymol
Chlorsulfuron
Cholecalciferol (Quintox)[1]
Chromic acetate
Chromic acid
Chromic sulfate
Chromous chloride
Cimectacarb
Clopyralid
Cobaltous bromide
Cobaltous formate
Cobaltous sulfamate
Creosote
para-Cresidine
Crotonaldehyde
Cupferron
Cupric acetate
Cupric acetoarsenite
Cupric chloride
Cupric nitrate
Cupric oxalate
Cupric sulfate
Cupric sulfate ammoniated
Cupric tartrate
Cyanogen chloride
Cycloate
Cyclohexamide (Actidone)[1]
Cyclohexane
1,4-Cyclohexane diisocyanate
Cyclohexanol
Cyclohexanone
Cyclohexanone oxime
Cyclohexene
Cyclohexylamine
Cyclopentanone
Cyclotrimethylenetrinitramine
Cyfluthrin
Cyhalothrin
2,4-DP
Daminozide (Alar)[1]
Dasanit[1]
Dazomet
Dazomet, sodium salt
Decanal
2,4-Diaminoanisole sulfate
2,4-Diaminoanisole
4,4'-Diaminodiphenyl ether
Diaminotoluene (mixed isomers)
Dibenz(a,h)acridine
Dibenz(a,j)acridine
Dibenzo(a,e)fluoranthene
Dibenzo(a,e)pyrene
Dibenzo(a,h)pyrene
Dibenzo(a,l)pyrene
Dibenzo(c,g)carbazole, 7H-
Dibutyltin chloride
Dibutyltin dilaurate
Dichlobenil
Dichlone
2,3-Dichloro-1,4-napthoquinone (Dichlone)
1,4-Dichloro-2-butene
3,3'-Dichlorobenzidine dihydrochloride
3,3'-Dichlorobenzidine sulfate
1,4-Dichlorobutane
Dichlorophene
2,3-Dichlorophenol
2,4-Dichlorophenoxyacetic acid (2,4-D), 2-ethylhexyl ester
2,4-Dichlorophenoxyacetic acid (2,4-D), propylene glycol butyl ether ester
2,4-Dichlorophenoxyacetic acid (2,4-D), 2-ethyl-4-methylpentyl ester
2,4-Dichlorophenoxyacetic acid (2,4-D), butoxyethyl ester
2,4-Dichlorophenoxyacetic acid (2,4-D), butyl ester
2,4-Dichlorophenoxyacetic acid (2,4-D), chlorooctyl ester
2,4-Dichlorophenoxyacetic acid (2,4-D), isopropyl ester
2,4-Dichlorophenoxyacetic acid (2,4-D), sodium salt
2,4-Dichlorophenoxyacetic acid (2,4-D), isobutyl ester
2,3-Dichloropropene
2,2-Dichloropropionic acid
Dichlorotetrafluoroethane (CFC-114)
α,α-Dichlorotoluene
Diclofop methyl
Dicyclohexylamine
Dicyclopentadiene
Diepoxybutane
Diethanolamine
Diethatyl ethyl
Diethyl formamide
Diethyl maleate
Diethyl mercury
Diethyl sulfate
Diethylamine
Diethylaminoethanol
Diethyldiisocyanatobenzene
Diethylene glycol
Diethylene glycol monoethyl ether
Diethylhexylphthalate isomer
Diethyltin dycaprylate
Diflubenzuron[1]
Diglycidyl resorcinol ether
2,3-Dihydro-1,6-dimethyl-1H-indene
2,3-Dihydro-1-methyl-1H-indene
Dihydrosafrole
4,4'-Diisocyanatodiphenyl ether
2,4'-Diisocyanatodiphenyl sulfide
Diisopropyl ether
Diisopropylamine
Dimethipin
3,3'-Dimethoxybenzidine dihydrochloride,
3,3'-Dimethoxybenzidine hydrochloride,
3,3'-Dimethoxybenzidine,
3,3'-Dimethoxybenzidine-4,4'-diisocyanate
Dimethyl chlorothiophosphate
trans-1,4-Dimethyl cyclohexane
Dimethyl sulfate
2,2-Dimethyl-2,3-Dihydro-7-Benzofuranol
3,3'- Dimethyl-4,4'-diphenylene diisocyanate
Dimethylamine
Dimethylamine dicamba
3,3'- Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)
3,3'-Dimethylbenzidine dihydrofluoride
Dimethylcarbamyl chloride
Dimethyldichlorosilane
Dimethyldioxane
3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate
Dimethyldithiocarbamate
2,5-Dimethylfuran
1,1-Dimethylhydrazine
1,2-Dimethylhydrazine
2,6-Dimethylphenol
Dimethylphenylcarbinol
Dimethylterephthalate
ortho-Dinitrobenzene
para-Dinitrobenzene
Dinitrophenol[1]
Dinocap
Diphacinone[1]
Dipotassium endothall
Dipropyl isocinchomeronate
Diquat
Disodium cyanodithioimidocarbonate
Di-Syston[1]
2,4-Dithiobiuret
Dithiocarbamate
Dodecanoic acid

TABLE 10 (Ctd.)

Other Pollutants and Hazardous Substances Required to be Identified in ICS by Applicants if Present at Facility in Significant Levels

Dodecene-4
Dodecylbenzesulfonic acid
Dyphonate[1]
EDTA
EDTA, Ammoniated
EPN[1]
Epichlorohydrin
Ethoprop[1]
2-Ethoxyethanol
2-Ethoxyethanol acetate
Ethyl acetate
Ethyl acrylate
Ethyl chloroformate
Ethyl di-n-propylthiocarbamate (EPTC)
Ethyl ether
Ethyl mercuric chloride
Ethylene
Ethylene cyanohydrin
Ethylene dichloride
Ethylene glycol dinitrate
Ethylenediamine
Ethyleneimine (Aziridine)
Fenamiphos[1]
Fenarimol
Fenbutatin oxide
Fenoxaprop ethyl
Fenoxycarb
Fenpropathrin
Fenvalerate
Ferric ammonium citrate
Ferric ammonium oxalate
Ferric chloride
Ferric fluoride
Ferric nitrate
Ferric sulfate
Ferricyanide
Ferrocyanide
Ferrous ammonium sulfate
Ferrous sulfate
Ferrous chloride
Fluazifop butyl
Fluoride, Complex
Fluoride, Free
Fluorine
Fluoroborates
Fluorouracil
Fluvalinate
Fomesafen
Formetanate hydrochloride (Carazol SP)[1]
Formic acid
Fumaric acid
Fumarin[1]
Furan
Furazolidone
Furfural
Furium
Glycidaldehyde
Guthion[1]
n-Heptane
1-Heptanol
2-Heptanol
3-Heptanol
4-Heptanol
Hexachloronaphthalene
Hexamethyl benzene
Hexamethylene diamine
Hexamethylene-1,6-diisocyanate
Hexamethylphosphoramide
Hexanate
n-Hexane
3-Hexanone
Hydramethylnon
Hydrazine sulfate
Hydrochloric acid
Hydrofluoric acid
Hydrogen cyanide
Hydrogen fluoride
Hydrogen peroxide
α-Hydroxy-α-methylbenzeneacetic acid
3-Hydroxycarbofuran
1-Hydroxyethylidene
Hydroxyquinoline, total
Imazalil
Iodide (as I)
3-Iodo-2-propynyl butylcarbamate
Iron pentacarbonyl
1,3-Isobenzofurandione
1,(3H)-Isobenzofuranone
Isobutyraldehyde
Isofenphos[1]
Isophorone diisocyanate
Isoprene
Isopropanolamine dodecylbenzenesulfonate
Isopropyl alcohol
Isopropylamine
Isopropylbenzene hydroperoxide
4,4'-Isopropylidenediphenol
Karbutilate
Kelthane
Lactofen
Lanthanum, Total
Lead acetate
Lead arsenate
Lead chloride
Lead flourite
Lead fluoborate
Lead iodide
Lead nitrate
Lead stearate
Lead sulfate
Lead sulfide
Lead thiocyanate
Lethane 384[1]
Lithium carbonate
Lithium chromate
Lithium, Total
2,5-Lutidine
Magnesium phosphide[1]
Maleic anhydride
Maleic hydrazide
Malononitrile
Mercaptodimethur
Mercuric cyanide
Mercuric nitrate
Mercuric sulfate
Mercuric thiocyanate
Mercurous nitrate
Merphos
Methacrylamide
Methacrylate
Methanol
Methazole
Methoprene1
Methoxone sodium salt
2-Methoxy-5-nitroaniline
2-Methoxyethanol acetate
2-Methoxyethanol
Methoxypropylamine
Methyl acetate
2-Methyl benzene sulfonamide
Methyl chlorocarbonate
Methyl isobutyl ketone
Methyl isocyanate
Methyl isothiocyanate
Methyl mercaptan
Methyl mercury
Methyl tert-butyl ether
2-Methyl-2-propanol
1-Methyl-4-(1-methyethenyl)cyclohexene
Methylamine
2-Methylanthracene
9-Methylanthracene
2-Methylbenzaldehyde
3-Methylbenzaldehyde
4-Methylbenzaldehyde
4-Methylbenzene sulfonamide
4-Methylbenzenemethanol
2-Methylbenzoic acid
3-Methylbenzoic acid
5-Methylchrysene
Methylcyclopentane
4-Methyldiphenylmethane-3,4-diisocyanate
1,1-Methylene bis(4-isocyanatocyclohexane)
Methylenebis(phenylisocyanate) (MDI)
4,4'-Methylenedianiline
1-Methylnaphthalene
Methylolmethacrylamide
Methylphthalate
Methyltrichlorosilane
Metiram
Metolachlor
Michler's ketone
Molinate
Molybdenum trioxide
Monitor[1]
Monochlorobenzyl trifluoride
Monoethylamine
Monomethylamine
Mustard gas (1,1'-thiobis[2-chloro-]Ethane)
Myclobutanil
N-Methyl-2-pyrrolidone
N-Methylolacrylamide
N-Nitroso-N-methyl urea
N-Nitrosodi-N-butylamine
N-Nitrosodiethylamine
N-Nitrosomethylvinylamine
N-Nitrosonornicotine
1,5-Naphthalene diisocyanate
Naphthenic acid
α-Naphthyl thiourea[1]
Nickel ammonium sulfate
Nickel chloride
Nickel hydroxide
Nickel nitrate
Nickel sulfate
Nicotine alkaloid[1]
Nitrapyrin
Nitric acid
4-Nitrobiphenyl
Nitrocyclohexane
Nitrofen
Nitrofurans
Nitrofurantoin
Nitrofurazone
Nitrogen dioxide
Nitrogen mustard
Nitroglycerin
2-Nitropropane
1-Nitropyrene
para-Nitrosodiphenylamine
Nonanal
1-Nonanol
Norflurazon
Octachlorocyclopentene
Octachloronaphthalene
Octachlorostyrene[1]
Octamethylpyrophosphoramine
Oryzalin
Osmium tetroxide
Oxalic acid, benzyl ester
Oxydemeton methyl
Oxydiazon
Oxyfluorfen
Ozone
Paraformeldehyde
Paraldehyde
Paraquat dichloride
Pebulate
Pentac
Pentanate
Pentobarbital sodium
Peracetic acid
Perchloromethyl mercaptan
Permethrin[1]
Phenothrin
1,3-Phenylene diisocyanate
1,4-Phenylene diisocyanate
1,2-Phenylenediamine dihydrochloride
1,4-Phenylenediamine dihydrochloride
Phenylmercuric acetate
2-Phenylphenol
4-Phenylphenol
Phenytoin
Phosdrin[1]
Phosgene
Phosphamidon[1]
Phosphate, Ortho
Phosphate, as PO4
Phosphine
Phosphoric acid
Phosphorus oxychloride
Phosphorus pentasulfide
Phosphorustrichloride[1]
Photomirex[1]
Phthalate Esters
Picric acid
Piperonyl butoxide
Pirimiphos methyl
Pival[1]
Polybutene(1-propene, 2-methyl homopolymer)
Polymeric diphenylmethane diisocyanate
Polymethacrylic Acid
Potassium N-methyldithiocarbamate
Potassium arsenate
Potassium arsenite
Potassium bichromate
Potassium bromate
Potassium chromate
Potassium cyanide
Potassium hydroxide
Potassium permanganate
Prodiamine
Profenofos
Propane sultone
1-Propanol
Propargite
Propargyl alcohol
1-Propene
Propetamphos
Propiconazole
β-Propiolactone
Propionaldehyde
Propionic acid
Propionic anhydride
Propylene glycol
Propylene glycol monoethyl ether
Propylene glycol monomethyl ether
Propylene oxide
Propyleneimine
Pyrethrins
Quinoline
Quinone
1,4-Quinone dioxide
Quizalofop ethyl
Randox[1]
Reserpine
Resmethrin
Resorcinol
Rhodamine WT
Rotenone
Saccharin (manufacturing)
Schradan[1]
Selenium oxide
Sethoxydim
Sevin
Silver nitrate
Sodium
Sodium Molybdate
Sodium Nitrite
Sodium Sulfate
Sodium adipate, disodium salt
Sodium arsenate
Sodium arsenite
Sodium azide
Sodium bichromate
Sodium bifluoride
Sodium bisulfite
Sodium chromate
Sodium cyanide
Sodium dicamba
Sodium diethyldithiocarbamate
Sodium dodecylbenzenesulfonate
Sodium fluoride
Sodium fluoroacetate[1]
Sodium hydrosulfide
Sodium hydroxide
Sodium hypochlorite

TABLE 10 (Ctd.)

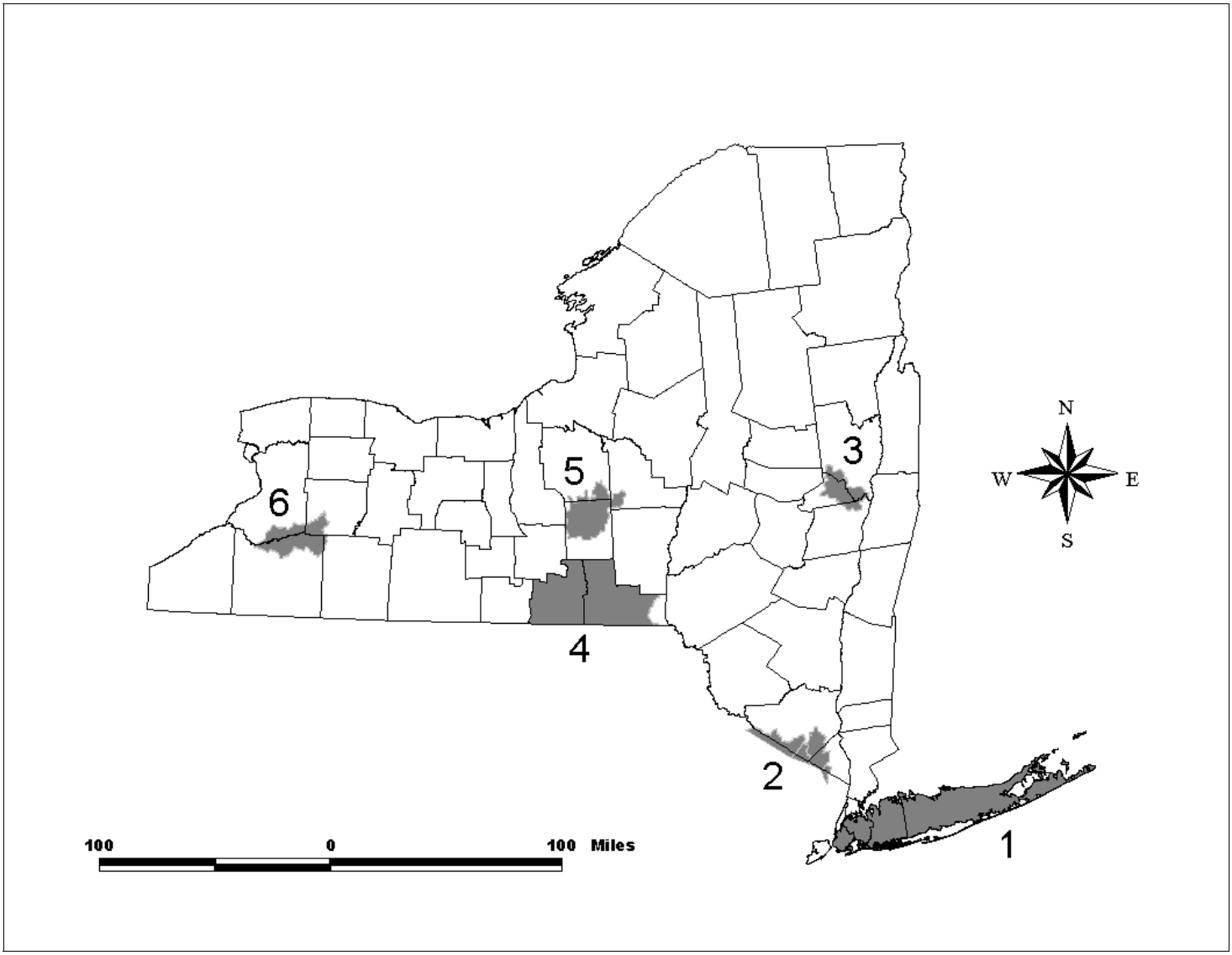
Other Pollutants and Hazardous Substances Required to be Identified in ICS by Applicants if Present at Facility in Significant Levels

Sodium methylate
Sodium nitrite
Sodium o-phenylphenoxide
Sodium pentachlorophenate
Sodium phosphate (tribasic)
Sodium selenite
Sodum phosphate (dibasic)
Strontium chromate
Strychnine[1]
Styrene oxide
Sulfotepp[1]
Sulfur moriochloride
Sulfuric acid
Sulfuryl fluoride (Vikane)[1]
Supracide[1]
Tellurium, Total
Temephos
Tetrachlorodiphenyl ethane (TDE)
Tetracycline hydrochloride
Tetraethyl leadTetraethyl pyrophosphate[1]
Tetraethyl tin
Tetramethrin
1,2,4,5-Tetramethylbenzene
Thallium sulfate
2-(4-Thiazolyl)-1H-benzimidazole
Thioacetamide
Thiobencarb
Thiocyanate
4,4'-Thiodianiline
Thiodicarb
Thiofanox
Thiophanate ethyl
Thiophanate methyl
Thiosemicarbazide
Thiourea
Thorium dioxide
Titanium tetrachloride
Toluene diisocyanate
Toluene-2,6-diisocyanate
ortho-Toluidine hydrochloride
Tri-N-butyl phosphate
Triallate
Tribenuron methyl[1]
Tributyltin
Tributyltin fluoride
Tributyltin methacrylate
S,S,S-Tributyltrithiophosphate (DEF)
Trichlorfon
Trichloroacetyl chloride
Trichlorofon
2,4,5-Trichlorophenoxy acetic acid, amines
2,4,5-Trichlorophenoxy acetic acid salts
Trichlorophenoxy propanoic acid (2,4,5-TP), esters
α,α,α-Trichlorotoluene
Triclopyr triethylammonium salt
Triethanolamine dodecylbenzenesulfonate
Triethylamine
Triforine
Trimethyl phosphate
Trimethylamine
1,3,5-Trimethylbenzene
Trimethylchlorosilane
3,3,5-Trimethylcyclohexanone
2,2,4-Trimethylhexamethylene diisocyanate
2,4,4-Trimethylhexamethylene diisocyanate
2,3,5-Trimethylphenyl methylcarbamate
Triphenyltin chloride
Tris(2,3-dibromopropyl) phosphate
Trypan blue
Uranyl acetate
Uranyl nitiate
Urethane (Ethyl carbamate)
Valone (PMP)[1]
Vanadium pentoxide
Vernolate
Vinclozolin
Vinylidene chloride
Vinyl bromide
Vinyl fluoride
Vanadyl sulfate
Warfarin[1]
Zinc acetate
Zinc ammonium chloride
Zinc borate
Zinc bromide
Zinc carbonate
Zinc chloride
Zinc fluoride
Zinc formate
Zinc hydrosulfite
Zinc nitrate
Zinc phenolsulfonate
Zinc phosphide[1]
Zinc silicofluoride
Zinc sulfate
Zirconium nitrate
Zirconium potassium flouride
Zirconium sulfate
Zirconium tetrachloride
Zinc cyanide
Zinophos[1]

Notes: 1. These pollutants either have FDA fish flesh concentration limits, are identified as Bioaccumulative Chemicals of Concern (BCCs), or are restricted pesticides. Any quantity of these chemicals used, produced, stored, distributed or otherwise disposed of by your facility must be reported on the ICS Form. See Item 19 on page 6 of these instructions for more information.

Figure 2

Locations and Identifying Citation Numbers of USEPA Designated Sole Source Aquifers Within New York State



Code	DEC Region(s)	Sole Source Aquifer Name	Located in All or Part of these counties:	Federal Register Citation Reference	Publication Date
1	2	Brooklyn/Queens Aquifer System	Kings (all), Queens (all)	49FR2950	1/24/1984
1	1	Nassau/Suffolk Aquifer System	Nassau (all), Suffolk (all)	43FR26611	6/21/1978
2	3	Highlands Aquifer System	Orange (part)	52FR37213	10/05/1987
2	3	Northwest New Jersey Fifteen Basin Aquifer System	Orange (part)	53FR23685	6/23/1998
2	3	Ramapo River Basin Aquifer Systems	Orange (part), Rockland (part)	57FR39201	8/28/1992
2	3	Ridgewood Area Aquifer System	Rockland (part)	49FR2943	1/24/1984
3	4,5	Schenectady/Niskayuna Aquifer System	Albany (part), Saratoga (part), Schenectady (part)	50FR2022	1/14/1985
4	7	Clinton Street - Ballpark Aquifer System	Broome (part), Tioga (all)	50FR2025	9/25/1987
5	7	Cortland-Homer-Preble Aquifer System	Cortland (part), Madison (part), Onondaga (part)	53FR22045	6/13/1998
6	9	Cattaragus Creek Aquifer System	Allegany (part), Cattaragus (part), Erie (part), Wyoming (part)	52FR36100	9/25/1987

More detailed information concerning the areal extent of the above sole source aquifers can be obtained from:
USEPA Region 2, 290 Broadway, New York, NY 10007-1866 or via the Internet at www.epa.gov/region02/water/ssamap.htm

State Pollutant Discharge Elimination System (SPDES)

INDUSTRIAL APPLICATION FORM NY-2C

For New Permits and Permit Modifications to Discharge Industrial Wastewater and Storm Water

Section I - Permittee and Facility Information

Please type or print the requested information.

1. Current Permit Information (leave blank if for new discharge)

SPDES Number:	DEC Number:

2. Permit Action Requested: (Check applicable box)

☐ A **NEW** proposed discharge

☐ A **MODIFICATION** of the existing permit

☐ An **EBPS INFORMATION REQUEST** response

☐ An **EXISTING** discharge currently without permit

☐ A **RENEWAL** of an existing SPDES permit

Does this request include an increase in the quantity of water discharged from your facility to the waters of the State?

☐ **YES** - Describe the increase:

☐ **NO** - Go to Item 3. below.

3. Permittee Name and Address

Name		Attention
Street Address		
City or Village	State	ZIP Code

4. Facility Name, Address and Location

Name			
Street Address		P.O. Box	
City or Village	State	ZIP Code	
Town	County		
Telephone	FAX	NYTM - E	NYTM - N
Tax Map Info (New York City, Nassau County and Suffolk County only)			
Section	Block	Subblock	Lot

5. Facility Contact Person

Name		Title	
Street Address			P.O. Box
City or Village		State	ZIP Code
Telephone	FAX	E-Mail or Internet	

6. Discharge Monitoring Report (DMR) Mailing Address

Mailing Name			
Street Address			P.O. Box
City or Village		State	ZIP Code
Telephone	FAX	E-Mail or Internet	
Name and Title of person responsible for signing DMRs		Signature	

INDUSTRIAL APPLICATION FORM NY-2C
Section I - Permittee and Facility Information

Facility Name:	SPDES Number:

7. Summarize the outfalls present at the facility:

Outfall Number	Receiving Water	Type of discharge

8. Map of Facility and Discharge Locations:

Provide a detailed map showing the location of the facility, all buildings or structures present, wastewater discharge systems, outfall locations into receiving waters, nearby surface water bodies, water supply wells, and groundwater monitoring wells, and attach it to this application. Also submit proof, either by indication on the map or other documentation, that a right of way for the discharges exists from the facility property to a public right of way.

9. Water Flow Diagram:

INDUSTRIAL APPLICATION FORM NY-2C
Section I - Permittee and Facility Information

Facility Name:	SPDES Number:

10. Nature of business: (Describe the activities at the facility and the date(s) that operation(s) at the facility commenced)

11. List the 4-digit SIC codes which describe your facility in order of priority:

Priority 1 | | | |	Description:	Priority 3 | | | |	Description:
Priority 2 | | | |	Description:	Priority 4 | | | |	Description:

12. Is your facility a primary industry as listed in Table 1 of the instructions?

☐ **YES -** Complete the following table.

☐ **NO** - Go to Item 13. below.

Industrial Category	40 CFR		Industrial Category	40 CFR	
	Part	Subpart		Part	Subpart

13. Does this facility manufacture, handle, or discharge recombinant-DNA, pathogens, or other potentially infectious or dangerous organisms?

☐ **YES** - Attach a detailed explanation to this application.

☐ **NO** - Go to Item 14 below.

14. Is storm runoff or leachate from a material storage area discharged by your facility?

☐ **YES -** Complete the following table, and show the location of the stockpile(s) and discharge point(s) on the diagram in Item 9.

☐ **NO** - Go to Item 15 on the following page.

Size of area	Type(s) of material stored	Quantity of material stored	Runoff control devices

INDUSTRIAL APPLICATION FORM NY-2C
Section I - Permittee and Facility Information

Facility Name:	SPDES Number:

15. Facility Ownership: (Place an "X" in the appropriate box)

Corporate ☐ Sole Proprietorship ☐ Partnership ☐ Municipal ☐ State ☐ Federal ☐ Other ☐

Are any of the discharges applied for in this application on Indian lands? Yes ☐ No ☐

16. List information on any other environmental permits for this facility:

Issuing Agency	Permit Type	Permit Number	Permit Status		
			Active	Applied for	Inactive

17. Laboratory Certification:

Were any of the analyses reported in Section III of this application performed by a contract laboratory or a consulting firm?

☐ **YES -** Complete the following table.

☐ **NO** - Go to Item 18 below.

Name of laboratory or consulting firm	Address	Telephone (area code and number)	Pollutants analyzed

18. Certification

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

Name and official title (type or print)		Date signed
Signature	Telephone number	FAX number

INDUSTRIAL APPLICATION FORM NY-2C
Section I - Permittee and Facility Information

Facility Name:	SPDES Number:

19. Industrial Chemical Survey (ICS)

Complete all information for those substances your facility has used, produced, stored, distributed, or otherwise disposed of in the past five (5) years at or above the threshold values listed in the instructions. Include substances manufactured at your facility, as well as any substances that you have reason to know or believe present in materials used or manufactured at your facility. Do not include chemicals used only in analytical laboratory work, or small quantities of routine household cleaning chemicals. Enter the name and CAS number for each of the chemicals listed in Tables 6-10 of the instructions, and the table number which lists the chemical. You may use ranges (e.g. 10-100 lbs., 100-1000 lbs., 1000-10000 lbs., etc.) to describe the quantities used on an annual basis as well as for the amount presently on hand. For those chemicals listed in Tables 6, 7, or 8 which are indicated as being potentially present in the discharge from one or more outfalls at the facility, indicate which outfalls may be affected in the appropriate column below, and include sampling results in Section III of this application for each of the potentially affected outfalls. Make additional copies of this sheet if necessary.

Name of Substance	Table	CAS Number	Average Annual Usage	Amount Now On Hand	Units (gallons, lbs, etc)	Purpose of Use (see codes in Table 2 of instructions)	Present in Discharge? (Outfall(s)?)

This completes Section I of the SPDES Industrial Application Form NY-2C. Section II, which requires specific information for each of the outfalls at your facility, and Section III, which requires sampling information for each of the outfalls at your facility, must also be completed and submitted with this application.

State Pollutant Discharge Elimination System (SPDES)

INDUSTRIAL APPLICATION FORM NY-2C

For New Permits and Permit Modifications to Discharge Industrial Wastewater and Storm Water

Section II - Outfall Information

Please type or print the requested information.

Facility Name:	SPDES Number:

1. Outfall Number and Location

Outfall No.:		
Latitude ° ‘ “	Longitude ° ‘ “	Receiving Water

2. Type of Discharge and Discharge Rate (List all information applicable to this outfall)

	Volume/Flow	Units				Volume/Flow	Units		
		MGD	GPM	Other (specify)			MGD	GPM	Other (specify)
a. Process Wastewater					f. Noncontact Cooling Water				
b. Process Wastewater					g. Remediation System Discharge				
c. Process Wastewater					h. Boiler Blowdown				
d. Process Wastewater					i. Storm Water				
e. Contact Cooling Water					j. Sanitary Wastewater				
k. Other discharge (specify):									
l. Other discharge (specify):									

3. List process information for the Process Wastewater streams identified in 2.a-d above:

a. Name of the process contributing to the discharge			Process SIC code: ⎸⎸⎸
Describe the contributing process	Category / Subcategory	Quantity per day	Units of measure
b. Name of the process contributing to the discharge			Process SIC code: ⎸⎸⎸
Describe the contributing process	Category / Subcategory	Quantity per day	Units of measure
c. Name of the process contributing to the discharge			Process SIC code: ⎸⎸⎸
Describe the contributing process	Category / Subcategory	Quantity per day	Units of measure
d. Name of the process contributing to the discharge			Process SIC code: ⎸⎸⎸
Describe the contributing process	Category / Subcategory	Quantity per day	Units of measure

4. Expected or Proposed Discharge Flow Rates for this outfall:

a. Total Annual Discharge	b. Daily Minimum Flow	c. Daily Average Flow	d. Daily Maximum Flow	e. Maximum Design flow rate
MG	MGD	MGD	MGD	MGD

INDUSTRIAL APPLICATION FORM NY-2C
Section II - Outfall Information

Facility Name:	**Outfall No.:**
	SPDES Number:

5. Is this a seasonal discharge?

☐ **YES -** Complete the following table.

☐ **NO** - Go to Item 6 below.

Operations contributing flow (list)	Discharge frequency		Flow				
	Batches per year	Duration per batch	Flow rate per day		Total volume per discharge	Units	Duration (Days)
			LTA	Daily Max			

6. Water Supply Source (indicate all that apply)

	Name or owner of water supply source	Volume or flow rate	Units (check one)		
Municipal Supply			MGD	GPD	GPM
Private Surface Water Source			MGD	GPD	GPM
Private Supply Well			MGD	GPD	GPM
Other (specify)			MGD	GPD	GPM

7. Outfall configuration: (Surface water discharges only)

A. Where is the discharge point located with respect to the receiving water?

In the streambank: ☐

In the stream: ☐

Within a lake or ponded water: ☐

Within an estuary: ☐ Attach Supplement C, MIXING ZONE REQUIREMENTS FOR DISCHARGES TO ESTUARIES.

Discharge is equipped with diffuser: ☐ Attach description, including configuration and plan drawing of diffuser, if used.

B. If located in a stream, approximately what percentage of stream width from shore is the discharge point located?

10% ☐ **25%** ☐ **50%** ☐ **Other:** ☐

C. If located in a stream, describe the stream geometry in the general vicinity of the discharge point, under low flow conditions:

Stream width	Stream depth	Stream velocity
Feet	**Feet**	**Feet/Sec**

Are the results of a mixing/diffusion study attached? ☐ **YES** ☐ **NO**

Section II - Outfall Information

Facility Name:	**Outfall No.:**
	SPDES Number:

8. Thermal Discharge Criteria

Is your facility one of the applicable types of facilities listed in the instructions, and does the temperature of this discharge exceed the receiving water temperature by greater than three (3) degrees Fahrenheit?

☐ **YES -** Complete the following table.

☐ **NO** - Go to Item 9. below.

☐ **Information on the intake and discharge configuration of this outfall is attached**.

Discharge Temperature, deg. F			Duration of maximum discharge temperature		Dates of maximum discharge temperature		Maximum flow rate	Discharge configuration (e.g. subsurface, surface, effluent diffuser, diffusion well, etc.)
Average change in temperature (delta T)	Maximum change in temperature (delta T)	Maximum temperature	hours per day	days per year	From	To	MGD	

9. Are any water treament chemicals or additives that are used by your facility subsequently discharged through this outfall?

☐ **YES -** Complete the following table and complete pages 1 of 3 and 2 of 3 of Form WTCFX for each water treatment chemical listed.

☐ **NO** - Go to Item 10. below.

Manufacturer	WTC trade name	Manufacturer	WTC trade name

10. Has any biological test for acute or chronic toxicity been performed on this outfall or on the receiving water in relation to this outfall in the past three (3) years?

☐ **YES -** Complete the following table.

☐ **NO** - Go to Item 11. on the following page.

Water tested	Purpose of test	Type of test	Chronic or Acute?	Subject species	Testing date(s)		Submitted? (Date)
					Start	Finish	

INDUSTRIAL APPLICATION FORM NY-2C
Section II - Outfall Information

	Outfall No.:
Facility Name:	SPDES Number:

11. Is the discharge from this outfall treated to remove process wastes, water treatment additives, or other pollutants?

☐ **YES -** Complete the following table. Treatment codes are listed in Table 4.

☐ **NO** - Go to Item 12 below.

Treatment process	Treatment Code(s)	Treatment used for the removal of:	Design Flow Rate (include units)

12. Does this facility have either a compliance agreement with a regulating agency, or have planned changes in production, which will materially alter the quantity and/or quality of the discharge from this outfall?

☐ **YES -** Complete the following table.

☐ **NO** - Go to Section III on the following page.

Description of project	Subject to Condition or Agreement in existing permit or consent order? (List)	Change due to production increase?	Completion Date(s)	
			Required	Projected

This completes Section II of the SPDES Industrial Application Form NY-2C. Section I, which requires general information regarding your facility, and Section III, which requires sampling information for each of the outfalls at your facility, must also be completed and submitted with this application.

INDUSTRIAL APPLICATION FORM NY-2C
Section III - Sampling Information

Facility Name:	SPDES No.:	**Outfall No.:**

1. Sampling Information - Conventional Parameters

Provide the analytical results of at least one analysis for every pollutant in this table. If this outfall is subject to a waiver as listed in Table 5 of the instructions for one or more of the parameters listed below, provide the results for those parameters which are required for this type of outfall.

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (using the same format) instead of completing this page.

Pollutant	Effluent data							Units		Intake data (optional)		
	a. Maximum daily value		b. Maximum 30 day value		c. Long term average		d. Number of analyses	a. Concentration	b. Mass	a. Long term average value		b. Number of analyses
	1. Concentration	2. Mass	1. Concentration	2. Mass	1. Concentration	2. Mass				1. Concentration	2. Mass	
a. Biochemical Oxygen Demand, 5 day (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Suspended Solids (TSS)												
d. Total Dissolved Solids (TDS)												
e. Oil & Grease												
f. Chlorine, Total Residual (TRC)												
g. Total Organic Nitrogen (TON)												
h. Ammonia (as N)												
i. Flow	Value		Value		Value					Value		
j. Temperature, winter	Value		Value		Value					Value		
k. Temperature, summer	Value		Value		Value					Value		
l. pH	Minimum	Maximum	Minimum	Maximum						Minimum	Maximum	

2. Sampling Information - Priority Pollutants, Toxic Pollutants, and Hazardous Substances

a. Primary Industries:

i. Does the discharge from this outfall contain process wastewater?

- ☐ **Yes** - Go to Item **ii.** below.
- ☐ **No** - Go to Item **b.** below.

ii. Indicate which GC/MS fractions have been tested for: Volatiles: ☐ Acid: ☐ Base/Neutral: ☐ Pesticide: ☐

b. All applicants:

i. Do you know or have reason to believe that any of the pollutants listed in Tables 6, 7, or 8 of the instructions are present in the discharge from this outfall?

- ☐ **Yes** - Concentration and mass data attached.
- ☐ **No** - Go to Item **ii.** below.

ii. Do you know or have reason to believe that any of the pollutants listed in Table 9 or Table 10 of the instructions, or any other toxic, harmful, or injurious chemical substances not listed in Tables 6-10, are present in the discharge from this outfall?

- ☐ **Yes** - Source or reason for presence in discharge attached
- ☐ **Yes** - Quantitative or qualitative data attached
- ☐ **No**

INDUSTRIAL APPLICATION FORM NY-2C
Section III - Sampling Information

Facility Name:	SPDES No.:	**Outfall No.:**

3. Projected Effluent Quality - Priority Pollutants, Toxic Pollutants, and Hazardous Substances

Provide analytical results of at least one analysis for each pollutant that you know or have reason to believe is present in this discharge, as well as for any GC/MS fractions and metals required to be sampled from Section III Forms, Item 2.a on the preceding page.

List the name and CAS number for each pollutant that you know or have reason to believe is present in the discharge from this outfall. For each pollutant listed from Tables 6, 7, or 8, provide the results of at least one analysis for that pollutant, and determine the mass discharge based on the flow rate reported in Item 1.i. For each pollutant listed from Table 9, or any other toxic pollutant not listed in Tables 6-10, you must provide concentration and mass data (if available) and/or an explanation for their presence in the discharge. Make as many copies of this table as necessary for each outfall.

Page of

Pollutant and CAS Number	Effluent data							Units		Intake data (optional)			Believed present, no sampling results available
	a. Maximum daily value		b. Maximum 30 day value *(if available)*		c. Long term average value *(if available)*		d. Number of analyses	a. Concentration	b. Mass	a. Long term average value		d. Number of analyses	
	(1)Concentration	(2) Mass	(1)Concentration	(2) Mass	(1)Concentration	(2) Mass				(1)Concentration	(2) Mass		
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													
CAS Number:													

INDUSTRIAL APPLICATION FORM NY-2C
Section III - Sampling Information

Facility Name:	SPDES No.:	**Outfall No.:**

4. Existing Effluent Quality - Priority Pollutants, Toxic Pollutants, and Hazardous Substances

Provide analytical results for the last three (3) years for each pollutant that you know or have reason to believe present in this discharge from this outfall, as well as for any GC/MS fractions and metals required to be sampled from Section III Forms, Item 2.a for this discharge.

Make as many copies of this table as necessary for each outfall. You can list the results from 24 sampling dates on each copy of this page.		Parameter name:	Parameter name:	Parameter name:	Parameter name:	Parameter name:	Parameter name:	Parameter name:
Page Of		CAS Number:	CAS Number:	CAS Number:	CAS Number:	CAS Number:	CAS Number:	CAS Number:
Date	Flow rate	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration	Concentration
	Units:	Units:	Units:	Units:	Units:	Units:	Units:	Units: