

# **Industrial Individual SPDES**

#### **Application Form NY-2C**

June 1, 2020

Find the New Application Form NY-2C on our website here @ dec.ny.gov!

### **Reason for NY-2C Update**

- Old forms are confusing
- Old forms ask for some information NYSDEC can get itself
- Old forms sampling requirements were unclear
- USEPA updated the NPDES regulations @ 40 CFR Part 122



# **USEPA NPDES Update Rule – 40 CFR 122**

- Rule effective 6/12/2019, States required to comply by 6/12/2020
- Predominantly clarifications & small modifications to requirements:
  - All applications must require e-mails to be provided
  - Added requirement to submit a topographic map
  - New facilities must submit effluent data within 24 months of startup (including WET Testing) – This not currently adopted by NYS



#### The New NY-2C

What changes should you expect to see?

New York State Department of Environmental Conservation

Division of Water Where NY NYSDEC Form NY-2 Revised April 2020

Bureau of Water Permits

# Application Form NY-2C New and Existing Industrial Facilities

State Pollutant Discharge Elimination System Permitting Program



### **Notable Changes to the NY-2C**

- New look, Improved format (Now 2 Parts), Hyperlinked, Fillable
- Updated and clarified instructions
- Operator Identification section
- Requirement to submit new Mixing Zone form & Outfall details
- Water Treatment Chemical Usage Table
- End-of-Application Checklist
- Revised application pollutant identification & data tables
- New Resiliency Planning (Pump Station) requirement



# The New NY-2C

A look at the Notable Changes

DE	EC Identifica	tion Number	SPDE5 Permit	Number	Fi	acility Name	Form Approved: 6/1/2020
Form NY-2C PART I SPDES	Z New	Department of Environmental Conservation	N		for SPDES P	t of Environmental ermit to Discharge INFORMATION	Wastewater
SECTIO	N 1. PER	MIT ACTION RE	QUESTED				
	1.1	What is the re	ason for submitting	this applica	tion?		
Permit Action Requested		A RENEW	oposed Discharge /AL of an existing pe ING discharge curre		□ A1		OR INFORMATION response he existing permit (describe below)
tion	1.2	Increased Dis	charge Request			•	
Permit A		water discharge ☐ Yes → [	on a request for an ir ed from your facility to Describe the increase sip to Item 2.1	o the waters o			
SECTIO	N 2. PEF	MITTEE & FACI	LITY NAME, LEGAL	STATUS, M	AILING ADDR	RESS, AND LOCAT	ION (40 CFR 122.21(f)(2))
	2.1	Permittee Nam	ne				
	2.2	Permittee Mail	ing Address				
d Location		Street or P.O. I	00X	State		i	ZIP code
s, an	2.3	Permitee Lega	l Status				
s, Mailing Address, and Location	2.4	Private Facility Name	= = = = = = = = = = = = = = = = = = = =	ublic—state ther (specify)		Other pub	lic (specify)
s,							



### Improved Format

Part I is primarily for general information about the facility:

- Permit administration
- Permittee & Facility Identification
- Operations/Services (SIC/NAICS)
- Nature of Business
- Other Environmental permits

Application Form NY-2C is comprised of two parts, Part I and Part II. These line-by-line instructions are organized in the same order as the application form to guide you in completing the form successfully.

Part II is for specific discharge related information:

- Production
- Flows, Treatment & Outfalls
- Effluent/Intake Characteristics
- Laboratory Analysis Identification
- Industrial Chemical Survey
- Resiliency Considerations



### **Updated Instructions**

Application Form NY-2C is comprised of two parts, Part I and Part II. These line-by-line instructions are organized in the same order as the application form to guide you in completing the form successfully.

#### PARTI

#### Section 1. Permit Action Requested

Item 1.1. Indicate the permit action being requested as a result of this application.

Item 1.2. Indicate whether this application is for an increase in the quantity of water to be discharged from the facility to waters of the State. If yes, describe the amount to be increased and reason for the increase. If no, skip to Item 2.1.

#### Section 2. Permittee & Facility Name, Legal Status, Mailing Address, and Location

Item 2.1. Give the legal name of the permittee. This is the person, firm, public organization, or other entity that owns the facility described in this application. This may or may not be the same as the facility's name. Do not use a colloquial name.

Item 2.2. Provide the official mailing address of the permittee to which NYSDEC should send correspondence.

Item 2.3. Indicate the legal status of the permittee. If the facility is a federal facility (i.e., owned by the U.S. government), check the box for "Public—federal." If the facility is owned by a state government, check the box for "Public—state." If the facility is owned by a county government, municipal (e.g., city or town) government, tribal government, school district, water district, or other local government entity, check the box for "Other public" and specify the type of government entity. If the facility is owned by a corporation or other private entity, check the box for "Private." If the facility has mixed ownership (e.g., public/private) or is not owned by an entity of the types previously listed, check the box for "Other" and specify the type of entity (e.g., corporation, partnership, etc.).

New
Line-by-Line
Instruction

Improved clarity & direction

#### General Instructions

In accordance with New York State Environmental Conservation Law (ECL) Section 17-0803, proposed and existing dischargers of pollutants shall apply and obtain permit coverage to discharge pollutants in the waters of the state. The New York State Department of Environmental Conservation (NYSDEC or DEC) has designated, per Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) 750-1.6(e), that all new and existing dischargers must complete a designated application form to obtain a State Pollution Discharge Elimination System (SPDES) permit. NYSDEC has designated this Form NY-2C for industrial dischargers.

NYSDEC has adopted a modified version of the United States Environmental Protection Agency's (USEPA) June 2019 revised application forms for use in the SPDES program. The application form and any required supplemental forms can be found on the SPDES website.

#### Where to File Your Completed Form

Unless otherwise instructed in a Request for Information (RFI) from NYSDEC, all applications should be filed with the Regional Permit Administrator for the NYSDEC Region in which the discharge is located. It is preferred that applications be submitted electronically, as a PDF, via email. All applications can be sent to the general SPDES application email box at SPDESapp@dec.ny.gov.

Exhibit 2C-1 (next page) provides contact information for the NYSDEC Central Office and each of the 9 regional offices. Since the exhibit's content is subject to change, consult <u>NYSDEC's</u> website for the latest information.

#### When to File Your Completed Form

Pursuant to 6 NYCRR 759-1.18, Form NY-2C must be submitted at least 180 days before your present SPDES permit expires. If you are a new discharger or preparing for a new industrial process line, or planning a facility upgrade or expansion, Form NY-2C must be submitted and a SPDES permit issued prior to the start of construction. It is suggested that this application be submitted at least 180 days before the date on which construction is to commence.



### **Operator Identification Information**

Added to match requirements under 40 CFR 122.21(f)

SECTIO	N 4. OPE	RATOR INFORMATION (40 CF	R 122.21(f)(4))	
	4.1	Name of Operator		
tion				
rma	4.2	Is the name you listed in Item 4	.1 also the owner?	
Operator Information		■Yes → Skip to Item 5.1	□No	
ratc	4.3	Operator Status		
Ope		Public—federal	Public—state	Other public (specify)
		Private	Other (specify)	
	4.4	Phone Number of Operator		
,	4.5	Operator Address		
tion		Street or P.O. Box		
Operator Information Continued				
infe		City or town	State	ZIP code
ator Inform Continued				
E )		Email address of operator	•	•
0				



# Mixing Zone Form & WTC Information

WTCs	3.2	Does the facility utilize or plan to utilize any water treatment chemicals that can potentially be discharged from one or more outfalls?  ■ Yes → Complete Table F ■ No → SKIP to Section 4.
Mixing Zone Form	3.3	Has a Mixing Zone Analysis Form been completed and attached to this application? All applicants must complete at least the Simple form. Indicate which form was completed and is attached to this application.  Yes → Simple Form  Yes → Detailed Form



### WTC Usage – NY-2C: Table F

- Allows for clear listing of WTCs in use
- Quick identification of new/increased WTCs (Must still submit WTC Request Form)

TABLE F. WATER TREATME	NT CHEMICAL LIS	TING					
			Authorized D	osage (lbs/d)			New or Increase
WTC Trade Name	Manufacturer	WTC Function	Average	Maximum	Discharge Outfall	Authorized Date	Request (optional)
For all New or Increased V	VTCs, you must att	ach a completed WTC Reques	st Form	No new or in	creased WTC request	s included as part of th	is application.
e.g. Sodium Bisulfite	Slack	Dechlor	10.00	20.00	001	11/01/2019	□New □Increase
							□New □Increase
							□New □Increase
		·					□New □Increase
							□New □Increase
							□New □Increase



### **End-of-Application Checklist & Certification**

SECTIO	N 12. CH	ECKL	IST AND CERTIFICATION STATEM	ENT (	40 CFR 122.22(a) and (d))		
	12.1	Fore	olumn 1 below, mark the sections of F each section, specify in Column 2 any icants are required to complete all se	attac	hments that you are enclosing to ale		
			Column 1		Column	12	
			Section 1: Outfall Location		w/ attachments		
			Section 2: Line Drawing		w/ line drawing		w/ additional attachments
			Section 3: Average Flows and Treatment		w/ attachments		w/ Simple MZ Form
		—.	Trouble.	_	w/ Table F		w/ Detailed MZ Form
			Section 4: Intermittent Flows		w/ attachments		
			Section 5: Production		w/ attachments		
			Section 6: Improvements		w/ attachments		w/ optional additional sheets describing any additional pollution control plans
					w/ request for a waiver and supporting information		w/ explanation for identical outfalls
temen					w/ primary industry supplemental form		w/ additional attachments
n Sta			Section 7: Effluent and Intake Characteristics		w/ Table A		w/ Table B
icatio					w/ Table C		w/ Table D
Checklist and Certification Statement					w/ Table E		w/ analytical results as an attachment
st and			Section 8: Used or Manufactured Toxics		w/ attachments		
heckli			Section 9: Biological Toxicity Tests		w/ attachments		
Ö			Section 10: Contract Analyses		w/ attachments		

		_						
	Section 11: Additional Information		w/ attachments		w/ Tabl	e G		w/ Table H
			w/ attachments					
		mont	and all attachment		propere	Lundormu	dire	otion or europuision in
accord submi respon accura	dance with a system designed to as: itted. Based on my inquiry of the per nsible for gathering the information, ate, and complete. I am aware that t	sure ti son o the in here a	hat qualified person r persons who man formation submitted are significant penal	nel pro age th I is, to	operly gat e system, the best	her and ev or those p of my know	ralua erso vledg	ite the information ons directly ge and belief, true,
Name	(print or type first and last name)				Offi	cial title		
Signat	ture				Dat	e signed		
	Certif I certif accord submirespo accurr possil Name	accordance with a system designed to as submitted. Based on my inquiry of the per responsible for gathering the information, accurate, and complete. I am aware that t	Section 12: Checklist and Certification Statement  Certification Statement  I certify under penalty of law that this document accordance with a system designed to assure the submitted. Based on my inquiry of the person or responsible for gathering the information, the in accurate, and complete. I am aware that there a possibility of fine and imprisonment for knowing Name (print or type first and last name)	Section 12: Checklist and Certification Statement   w/ attachments  Certification Statement  I certify under penalty of law that this document and all attachment accordance with a system designed to assure that qualified person submitted. Based on my inquiry of the person or persons who man responsible for gathering the information, the information submitted accurate, and complete. I am aware that there are significant pena possibility of fine and imprisonment for knowing violations.  Name (print or type first and last name)	Section 12: Checklist and Certification Statement	Section 12: Checklist and Certification Statement  Certification Statement  I certify under penalty of law that this document and all attachments were prepared accordance with a system designed to assure that qualified personnel property gat submitted. Based on my inquiry of the person or persons who manage the system, responsible for gathering the information, the information submitted is, to the best of accurate, and complete. I am aware that there are significant penalties for submitting possibility of fine and imprisonment for knowing violations.  Name (print or type first and last name)  Office	Section 12: Checklist and Certification Statement   w/ attachments   Certification Statement   w/ attachments   Certification Statement   I certify under penalty of law that this document and all attachments were prepared under my accordance with a system designed to assure that qualified personnel properly gather and exsubmitted. Based on my inquiry of the person or persons who manage the system, or those presponsible for gathering the information, the information submitted is, to the best of my know accurate, and complete. I am aware that there are significant penalties for submitting false in possibility of fine and imprisonment for knowing violations.  Name (print or type first and last name)  Official title	Section 12: Checklist and Certification Statement   w/ attachments    Certification Statement   w/ attachments    Certification Statement    I certify under penalty of law that this document and all attachments were prepared under my dire accordance with a system designed to assure that qualified personnel properly gather and evalual submitted. Based on my inquiry of the person or persons who manage the system, or those persons responsible for gathering the information, the information submitted is, to the best of my knowledge accurate, and complete. I am aware that there are significant penalties for submitting false informations possibility of fine and imprisonment for knowing violations.  Name (print or type first and last name)  Official title



#### Revised Pollutant Identification/ Data Tables

SECTIO	TION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(g)(7))						Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing				
		instructions to determine the pollutants and parameters you te. Not all applicants need to complete each table.	are required to moni	tor and, in turn, the tabl	es you must		required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge?				
	Table A	A. Conventional and Non-Conventional Pollutants				1	☐ Yes ☐ No				
	7.1	Are you requesting a waiver from NYSDEC for one or mon your outfalls?  Yes	e of the Table A pollu	•		7.10	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge?				
	7.2	If yes, indicate the applicable outfalls below. Attach waiver	request and other re	quired information to the	e application.		Yes No				
					Table C. Certain Conventional and Non-Conventional Pollutants						
		Outfall Number Outfall Nu	mber	Outfall Number	er	7.11	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed on Table C				
ristics	7.3	Have you completed monitoring for all Table A pollutants a requested and attached the results to this application pack	age?			Name of the last	for all outfalls?				
aracte	Table B	Yes	for all polluta	request has been attach nts at all outfalls.	hed	7.12	Have you completed Table C by providing (1) quantitative data for those pollutants that are limited either directly or indirectly in an ELG and/or (2) quantitative data or an explanation for those pollutants for which you have indicated				
ວົ	-	3. Toxic Metals, Cyanide, Total Phenols, and Organic Tox				4	"Believed Present"?				
ake	7.4	Do any of the facility's processes that contribute wastewate			,		☐ Yes ☐ No				
트		listed in Exhibit 2C-3? Does the primary industry category	require a supplement	al application? (See ins	tructions)	Table	D. Certain Hazardous Substances and Asbestos				
au		Yes, No Supplement Required Yes & Suppleme	ntal Form Attached	No → SKIP to	o Item 7.8.	7.13	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for				
Ħ	7.5	Have you checked "Testing Required" for all toxic metals,	cvanide and total phe	enols in Section 1 of Tal	ble B?	1	all outfalls?				
Effluc							Yes No				
ш		Yes	■ No			7.14	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged				
	7.6	List the applicable primary industry categories and check the	ne boxes indicating th	ne required GC/MS fract	tion(s) identified		and (2) by providing quantitative data, if available?				
		in Exhibit 2C-5.					☐ Yes ☐ No				
		Primary Industry Category		uired GC/MS Fraction(	s)	Table I	E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)				
		, , , , ,	(CI	neck applicable boxes.)		7.15	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you				
			■ Volatile ■ A	cid 🔲 Base/Neutral	Pesticide		know or have reason to believe that TCDD is or may be present in the effluent?				
			□ Volatile □ A	cid ☐ Base/Neutral	■ Pesticide	1	☐ Yes → Complete Table E. ☐ No → SKIP to Section 8.				
						7.16	Have you completed Table E by reporting qualitative data for TCDD?				
			■ Volatile ■ A	cid Base/Neutral	□ Pesticide		☐ Yes ☐ No				

#### Revised Pollutant Identification/ Data Tables

SECTIO	N 8. USE	D OR	MANUFACTURED TOXICS (40 CF	R 12	22.21(g)(9))					
18	8.1		Are any other pollutants, substances, or components of substances, not already listed in Tables A-E, used or manufactured at your facility as an intermediate or final product or byproduct?							
룡		Ш	Yes			No → SKIF	to S	Section 9.		
E s	8.2	List	the pollutants below.							
r Manufactured Toxics		1.		4.			7.			
o pesn		2.		5.			8.			
_ =		3.		6.			9.			



NY-2C: Table A – Conventional & Non-conventional Pollutants

TAE	LE A. CONVENTIONAL AND N	ON CONVEN	TIONAL POLLUTA	NTS (40 CF	R 122.21(g)(7)(ii	i)) <sup>1</sup>				
						EffI	uent		Inta (Optio	
	Pollutant	Waiver Requested (if applicable)	Unita (specify)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if evailable)	Long-Term Average Daily Discharge (flevelable)	Number of Analyses	Long-Term Average Value	Number of Analyses
	Check here if you have attache	d a request to	NYSDEC for a wait	ver for all of	the pollutants lis	ted on this table for	the noted outfall.			
1	Biochemical oxygen demand		Concentration							
	(BOD <sub>5</sub> )		Mass							
2.	Chemical oxygen demand		Concentration							
٤.	(COD)		Mass							
3.	Total organic carbon (TOC)		Concentration							
3.	Total organic carson (TOC)		Mass							
4.	Total assessed askda (TSS)		Concentration							
4.	Total suspended solids (TSS)		Mass							
5.	Ammonia (as N)		Concentration							
J.	Allillonia (as N)		Mass							
6.	Flow		Rate							
_	Temperature (winter)		ಂ	°C						
7.	Temperature (summer)		°C	°C						
8.	pH (minimum)		Standard units	s.u.						
8.	pH (maximum)		Standard units	s.u.						



#### NY-2C: Table B – Section 1

- Table B
   contains the
   remaining
   "Priority
   Pollutants"
- Metals,
   Cyanide,
   Phenols,
   Volatiles, Acids,
   Base-Neutrals,
   Pesticides

TABL	E B. TOXIC METALS, CYANIDE,	TOTAL PHE	NOLS, AND	ORGANIC T	OXIC POLLUTANTS (40 CF	R 122.21(g)(7	(V)) <sup>1</sup>				
				or Absence (k one)			Effi	uent			take tonel)
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	Units (specify)	Maximum Daily Discharge (required)	Maximum Monthly Discharge (Feveletie)	Long-Term Average Daily Discharge (favalable)	Number of Analyses	Long- Term Average Value	Number of Analyses
	Check here if you believe all pollutants on Table B to be absent in your discharge from the noted outfall. You need not check the "Believed Absent" box for each pollutant.										
Section	on 1. Toxic Metals, Cyanide, and	Total Pheno	ols								
1.1	Antimony, total (7440-36-0)				Concentration Mass						
1.2	Arsenic, total (7440-38-2)				Concentration Mass						
1.3	Beryllium, total (7440-41-7)				Concentration Mass						
1.4	Cadmium, total (7440-43-9)				Concentration Mass						
1.5	Chromium, total (7440-47-3)				Concentration Mass						
1.6	Copper, total (7440-50-8)				Concentration Mass						
1.7	Lead, total (7439-92-1)				Concentration Mass						
1.8	Mercury, total (7439-97-6)				Concentration Mass						
1.9	Nickel, total (7440-02-0)				Concentration Mass						
1.10	Selenium, total (7782-49-2)				Concentration Mass						
1.11	Silver, total (7440-22-4)				Concentration Mass						

### **NY-2C:** Table B – Sections 1, 2, & 3

TABL	E B. TOXIC METALS, CYANIDE,	TOTAL PHE	Presence	or Absence	02
	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Believed Present	Believed Absent	
1.12	Thallium, total (7440-28-0)				C N
1.13	Zinc, total (7440-66-6)				C I
1.14	Cyanide, total (57-12-5)				C N
1.15	Phenois, total				C N
Section	on 2. Organic Toxic Pollutants (G	C/MS Fracti	ion—Volatil	e Compound	(8)
2.1	Acrolein (107-02-8)				C N
2.2	Acrylonitrile (107-13-1)				C N
2.3	Benzene (71-43-2)				C N
2.4	Bromoform (75-25-2)				C N
2.5	Carbon tetrachloride (56-23-5)				C N
2.6	Chlorobenzene (108-90-7)				C N
2.7	Chlorodibromomethane (124-48-1)				C N
2.8	Chloroethane (75-00-3)				C N

TABL	E B. TOXIC METALS, CYANIDE
	Pollutant/Parameter (and CAS Number, Felelistic)
2.9	2-chloroethylvinyl ether (110-75-8)
2.10	Chioroform (67-66-3)
2.11	Dichlorobromomethane (75-27-4)
2.12	1,1-dichloroethane (75-34-3)
2.13	1,2-dichloroethane (107-06-2)
2.14	1,1-dichloroethylene (75-35-4)
2.15	1,2-dichioropropane (78-87-5)
2.16	1,5-dichloropropylene (542-75-6)
2.17	Ethylbenzene (100-41-4)
2.18	Methyl bromide (74-83-9)
2.19	Methyl chloride (74-87-3)
2.20	Methylene chloride (75-09-2)
	1,1,2,2- tetrachioroethane

	E B. TOXIC METALS, CYANID		Presence or Absence (check one)			
	Pollutant/Parameter (and CAS Number, Feuristic)	Testing Required	Believed Present	Believed Absent		
2.22	Tetrachioroethylene (127-16-4)	0	0	0		
2.23	Toluene (106-88-3)	0	0			
224	1,2-trans-dichloroethylene (156-60-5)	0		0		
2.25	1,1,1-trichloroethane (71-55-6)	0	0	0		
2.26	1,1,2-trichloroethane (79-00-5)	0	0			
2.27	Trichloroethylene (79-01-6)	0		0		
2.28	Vinyt chloride (75-01-4)		0	0		
Section	on 3. Organic Toxic Pollutants	GCMS Fract	ion—Acid C	ompounds)		
2.1	2-chlorophenol (95-57-8)	0	0			
3.2	2,4-dichiorophenol (120-63-2)	0				
3.3	2,4-dimethylphenol (105-67-9)	0				
3,4	4,6-dinitro-o-cresol (\$34-52-1)	0	0			
3.5	2,4-dinitrophenol (51-26-5)					

Department of Environmental Conservation

### NY-2C: Table B – Sections 3 & 4

TABL	E.B. TOXIC METALS, CYANIDE	ME GYAL OF TOTAL SHIP		Presence or Absence (theolors)			
	Pollutant/Parameter (and CAS Number, Fausilitie)	Testing Required	Believed Present	Believed Absent			
2.6	2-nitrophenol (88-75-5)	0	0	0	Concent		
3.7	4-nitrophenol (100-02-7)				Concent Mass		
3.8	p-chloro-m-cresol (59-50-7)				Concent		
3.9	Pentachiorophenoi (87-86-5)	0			Concert		
3.10	Phenoi (108-95-2)	0	0		Concent		
3.11	2,4,6-trichlorophenol (88-05-2)				Concert		
Section	on 4. Organic Toxic Pollutants	GCMS Fract	on-Base	Neutral Com	pounds)		
4.1	Acenaphtnene (83-32-9)		0		Concent		
4.2	Acenaphthylene (208-96-8)	0	0		Concent		
43	Anthracene (120-12-7)				Concent		
4.4	Benzidine (92-67-5)	0	0		Concert		
4.5	Benzo (a) anthracene (56-55-3)	0		0	Concent		
4.6	Benzo (a) pyrene (50-32-8)	0	0	0	Concent		

TARK	E B. TOXIC METALS, CYANII
	Pollutant/Parameter (and C40 Number, Felelable)
4.7	3,4-benzofluoranthene (205-99-2)
4.8	Benzo (ghi) perylene (191-24-2)
4.9	Benzo (k) fluoranthene (207-08-9)
4.10	Bis (2-chloroethoxy) methane (111-91-1)
4,11	Bis (2-chloroethyl) ether (111-44-4)
4.12	Bis (2-chloroisopropyl) ether (102-80-1)
4.13	Bis (2-ethylhexyl) phthalate (117-61-7)
4.14	4-bromophenyl phenyl ether (101-55-3)
4.15	Butyl benzyl phthalate (85-68-7)
4,16	2-chloronaphthaliene (91-58-7)
4.17	4-chlorophenyl phenyl ether (7005-72-3)
4.18	Chrysene (218-01-9)
4.19	Dibenzo (a,h) anthracene

TABL	E.B. TOXIC METALS, CYANIDE
	Podutant/Parameter (and CAS Nunter, Favolativ)
4.20	1,2-dichlorobenzene (95-50-1)
4.21	1,5-dichiorobenzene (541-73-1)
4.22	1,4-dichlorobenzene (106-46-7)
4.23	3,3-dichlorobenzidine (91-94-1)
4.24	Dietryl phtholate (64-66-2)
4.25	Dimethyl phthalate (131-11-3)
4.26	Di-n-butyl phthalate (84-74-2)
4.27	2,4-dinitrotosuene (121-14-2)
4,28	2,5-dinitrototuene (606-20-2)
4.29	Di-n-octyl prithalate (117-84-0)
4.30	1,2-Diphenythydrazine (as azobenzene) (122-66-7)
4.31	Fluoranthene (206-44-0)
4.32	Fluorene

	Pollutant/Parameter (and CAS Number, Favelieble
4.33	Hexachiorobenzene (118-74-1)
4.54	Hexachionsbutadene (87-68-3)
4.35	Hexachiorocyclopentadiene (77-47-4)
4.36	Hexachloroethane (67-72-1)
4.57	indeno (1,2,3-cd) pyrene (193-39-5)
4.38	Isophorone (78-59-1)
4.59	Naphthalene (91-20-3)
4,40	Nitroberzene (95-95-3)
4,41	N-nitrosodimethylamine (52-75-9)
4.42	N-nitrosod-n-propylamine (621-64-7)
4,43	N-nitrosodiphenylamine (86-30-6)
4.44	Phenanthrene (85-01-8)
7	Pyrene

Department of Environmental Conservation

#### NY-2C: Table B – Sections 4 & 5

TABL	E B. TOXIC METALS, CYANIDE,	TOTAL PHE	NOLS, AND ORGANIC T Presence or Absence			
			(check one)			
	Pollutant/Parameter (and CAS Number, if evallable)	Testing Required	Believed Present	Believed Absent		
4.46	1,2,4-trichlorobenzene (120-82-1)					
Section	on 5. Organic Toxic Pollutants (G	C/MS Fracti	on—Pestic	ides)		
5.1	Aldrin (309-00-2)					
5.2	α-BHC (319-84-6)					
5.3	β-BHC (319-85-7)					
5.4	γ-BHC (58-89-9)					
5.5	6-BHC (319-86-8)					
5.6	Chlordane (57-74-9)					
5.7	4,4'-DDT (50-29-3)					
5.8	4,4'-DDE (72-55-9)					
5.9	4,4'-DDD (72-54-8)					
5.10	Dieldrin (60-57-1)					
5.11	o-endosulfan (115-29-7)					

TABLE B. TOXIC METALS, CYANIDE,						
	Pollutant/Parameter (end CAD Number, if evallable)					
5.12	β-endosulfan (115-29-7)					
5.13	Endosulfan sulfate (1031-07-8)					
5.14	Endrin (72-20-8)					
5.15	Endrin aldehyde (7421-93-4)					
5.16	Heptachior (76-44-8)					
5.17	Heptachior epoxide (1024-57-3)					
5.18	PCB-1242 (53469-21-9)					
5.19	PCB-1254 (11097-69-1)					
5.20	PCB-1221 (11104-28-2)					
5.21	PCB-1232 (11141-16-5)					
5.22	PCB-1248 (12672-29-6)					
5.23	PC8-1260 (11096-82-5)					
5.24	PC8-1016 (12674-11-2)					
5.25	Toxaphene (8001-35-2)					



NY-2C: Table C – Conventional & Non-Conventional Pollutants

	U											
TAB	LE C. CERTAIN CO	Presence of (check	or Absence	NVENTIONAL POL	NVENTIONAL POLLUTANTS		s (40 CFR 122.21(g)(7)(vi)) <sup>(</sup> Effluent				Intake (Optional)	
	Pollutant	Believed Present	Believed Absent	Units (specify)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (feveleble)	Long-Term Average Daily Discharge (Feveleble)	Number of Analyses	Long-Term Average Value	Number of Analyses	
	Check here if you b	elieve all polluta	ants on Table (	C to be present in y	our discha	rge from the noted	outfall. You need r	not check the "Belie	eved Present" bx	ox for each polluta	unt.	
	Check here if you b	elieve all polluta	ants on Table (	C to be absent in yo	our dischar	ge from the noted o	outfall. You need no	ot check the "Belier	ved Absent" box	for each pollutan	L	
1.	Bromide (24959-67-9)			Concentration Mass								
2.	Chlorine, total residual			Concentration Mass								
3.	Color			Concentration Mass								
4.	Fecal coliform			Concentration								
5.	Fluoride	П		Mass Concentration								
	(16984-48-8) Nîtrate-nîtrîte			Mass Concentration								
6	Nitrate-nitrite Nitrogen, total			Mass Concentration								
7.	organic (as N)			Mass								
8.	Oil and grease			Concentration Mass								
9.	Phosphorus (as P), total (7723-14-0)			Concentration Mass								
10.	Sulfate (as SO <sub>4</sub> ) (14808-79-8)			Concentration Mass								
11.	,			Concentration								
	1	,		Mass							1	



# NY-2C: Table C (continued)

TAB	ABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi)) <sup>1</sup>										
		Presence o (check		71			Efflu		Intake (Optional)		
	Pollutant	Believed Present	Believed Absent	Units (specify)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (Feveleble)	Long-Term Average Daily Discharge (Favalable)	Number of Analyses	Long-Term Average Value	Number of Analyses
12.	Sulfite (as 50 <sub>3</sub> ) (14265-45-3)			Concentration Mass							
13.	Surfactants			Concentration Mass							
14.	Aluminum, total (7429-90-5)			Concentration Mass							
15.	Barium, total (7440-39-3)			Concentration Mass							
16.	Boron, total (7440-42-8)			Concentration Mass							
17.	Cobalt, total (7440-48-4)			Concentration Mass							
18.	Iron, total (7439-89-6)			Concentration Mass							
19.	Magnesium, total (7439-95-4)			Concentration Mass							
20.	Molybdenum, total (7439-98-7)			Concentration Mass							
21.	Manganese, total (7439-96-5)			Concentration Mass							
22.	Tin, total (7440-31-5)			Concentration Mass							
23.	Titanium, total (7440-32-6)			Concentration Mass							



# NY-2C: Table C (continued)

TAB	TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi)) <sup>1</sup>																
	Presence or Absence (check one)					Effluent				Intake (Optional)							
	Pollutant	Believed Present	Believed Absent	Units (spedfy)		Maximum Daily Discharge (required)	Maximum Monthly Discharge (Feveletie)	Long-Term Average Daily Discharge (Faveleble)	Number of Analyses	Long-Term Average Value	Number of Analyses						
24.	Radioactivity																
	Alpha, total									Concentration							
	Apria, iour			_	Mass												
	Beta, total			Concentration													
	Deta, total			Mass													
	Radium, total			Concentration													
	radium, iotal			Mass													
	Radium 226, total			Concentration													
	readium 226, lotal									Mass							



#### **NY-2C:** Table D –Hazardous Substances

TAB	TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii)) <sup>1</sup>									
	Pollutant	Presence or Absence (check one)			Available Quantitative Data					
	Pollutant	Believed Present	Believed Absent	Reason Pollutant Believed Present in Discharge	(specify units)					
1.	Asbestos									
2.	Acetaldehyde									
3.	Allyl alcohol									
4.	Allyl chloride									
5.	Amyl acetate									
6.	Aniline									
7.	Benzonitrile									
8.	Benzyl chloride									
9.	Butyl acetate									
10.	Butylamine									
11.	Captan									
12.	Carbaryl									
13.	Carbofuran									
14.	Carbon disulfide									
15.	Chlorpyrifos									
16.	Coumaphos									
17.	Cresol									
18.	Crotonaldehyde									
19.	Cyclohexane									



# NY-2C: Table D (continued)

TAB	LE D. CERTAIN HAZARDOUS SUBSTAN	Presence or Absence (check one)			
	Pollutant	Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)				
21.	Diazinon				
22.	Dicamba				
23.	Dichlobenil				
24.	Dichlone				
25.	2,2-dichloropropionic acid				
26.	Dichlorvos				
27.	Diethyl amine				
28.	Dimethyl amine				
29.	Dintrobenzene				
30.	Diquat				
31.	Disulfoton				
32.	Diuron				
33.	Epichlorohydrin				
34.	Ethion				
35.	Ethylene diamine				
36.	Ethylene dibromide				
37.	Formaldehyde				
38.	Furfural				

TABLE D. CERTAIN HAZARDOUS SUBSTANC							
	Pollutant						
39.	Guthion						
40.	Isoprene						
41.	Isopropanolamine						
42.	Kelthane						
43.	Kepone						
44.	Malathion						
45.	Mercaptodimethur						
46.	Methoxychior						
47.	Methyl mercaptan						
48.	Methyl methacrylate						
49.	Methyl parathion						
50.	Mevinphos						
51.	Mexacarbate						
52.	Monoethyl amine						
53.	Monomethyl amine						
54.	Naled						
55.	Naphthenic acid						
56.	Nitrotoluene						
57.	Parathion						

TAB	LE D. CERTAIN HAZARDOUS SUBSTAN
	Pollutant
58.	Phenoisulfonate
59.	Phosgene
60.	Propargite
61.	Propylene oxide
62.	Pyrethrins
63.	Quinoline
64.	Resorcinol
65.	Strontium
66.	Strychnine
67.	Styrene
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)
69.	TDE (tetrachlorodiphenyl ethane)
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]
71.	Trichlorofon
72.	Triethanolamine
73.	Triethylamine
74.	Trimethylamine
75.	Uranium
76.	Vanadium

TABLE D. CERTAIN HAZARDOUS SUBSTANC							
	Pollutant						
77.	Vinyl acetale	Ī					
78.	Xylene						
79.	Xylenol						
80.	Zirconium						



#### **NY-2C: Table E - TCDD**

TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))										
Pollutant	TCDD Congeners	Presence or Absence (check one)		Results of Screening Procedure						
	Used or Manufactured	Believed Present	Believed Absent							
2,3,7,8-TCDD										



# NY-2C: Table G – Industrial Chemical Survey

BLE G. INDUSTRIAL CHEMICAL SURVEY												
Substance Name	CAS Number	Purpose of Use Code	Average Annual Usage	Amount On Hand	Presence in Discharge	Discharge Outfall						
Complete this table for all substances that have been used, produced, stored, distributed or otherwise disposed of in significant quantity AND for any quantity of BCCs, chemicals for which FDA fish flesh limits exist, or restricted pesticide products listed in Part 326, Section 2 of the ECL. Restricted pesticides also include those products whose labeling bears the statement "Restricted Use Pesticide." Do not include chemicals that are present as de minimus concentrations as listed in the SDS for that substance.												
For any substance listed that is used in a manner which could 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, identify it as "Present" and the Outfall(s) by which it may be discharged. Sampling results for these pollutants should also be included with Tables B-E.												
A separate, but equivalent table has been attached as part of this application.												
		PRO - Produced	Gal	Gal	□Present □Not Present							
		PRO - Produced	Gal	Gal_ <mark>▼</mark>	□Present ■Not Present							
		PRO - Produced	Gal <u> </u>	Gal	■Present ■Not Present							
		PRO - Produced	Gal	Gal	☐ Present ☐ Not Present							
		PRO - Produced	Gal <u> </u>	Gal	■Present ■Not Present							
		PRO - Produced	Gal	Gal	■Present ■Not Present							
		PRO - Produced	Gal	Gal	□ Present ■ Not Present							
		PRO - Produced	Gal_ <del>▼</del>	Gal	□Present □Not Present							
		PRO - Produced	Gal	Gal	□Present ■Not Present							

### Resiliency Planning – NY-2A: Table H

Requires identification and floor elevations of pump stations for resiliency planning (ECL Article 75)

TABLE H. FACILITY & COLLECTION SYSTEM RESILIENCY															
Pump Station Name	PS Owner	General Location	Latitude (DMS)					Longitude (DMS)					Floor Elevation (ft, NAVD88)		
different than the SPDES per	Complete this table for all pump stations that exist at the wastewater treatment facility and within the collection system. Identify the name of the pump station, the owner of the pump station (if different than the SPDES permittee), the general location of the pump station (e.g. intersection of Green St. & Water St.), the latitude and longitude of the pump station in degrees-minutes-seconds (DMS) format, and the elevation in feet of the pump station floor (per the NAVD88 datum).														
The wastewate	er treatment facility and colle	ection system do not contain ar	ny pı	ump stati	ons										
				0							۰		•		
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#### **Questions?**

Contact your Regional Permit Administrator

