New York State Department of Environmental Conservation Division of Water Albany, NY

DEC Form NY-2A Revised September 2020

Bureau of Water Permits

NEW YORK
STATE OF
OPPORTUNITYDepartment of
Environmental
Conservation

Application Form NY-2A New and Existing Publicly Owned Treatment Works

State Pollutant Discharge Elimination System Permitting Program

DEC	C Identificatio 3-3336-00		SPDES Pe NY002	rmit Number 3761		Facility Name INT TARGET HILL WWT	P	
Form NY-2A SPDES	STATE OF OPPORTL	ORK Department of Environmental Conservation		Applicatio	on for SPDES	nt of Environment Permit to Discharg ICLY OWNED TRE/	e Wast	tewater
SECTIO	N 1. BAS 1.1	IC APPLICATI Facility name				0 CFR 122.21(j)(1) a		
		Mailing addre	ess (street or P.O.	box)				
ion		City or town				State		ZIP code
nformat		Contact nam	e (first and last)	Title		Phone number		Email address
Facility Information		Location add	ress (street, route	number, or othe	r specific identi	fier) 🛛 Same a	ng address	
Ľ		City or town				State		ZIP code
	1.2		eason for submitti proposed Discharg	0 11	An EBPS REQUES	T FOR	INFORMATION response	
			WAL of an existing	of the e	existing permit (describe below)			
	1.3	Is applicant o	lifferent from entity	y listed under Iter			to Item	14
E		Applicant nai	me					
Applicant Information		Applicant ad	dress (street or P.0	O. box)				
olicant In		City or town				State		ZIP code
Арр		Contact nam	e (first and last)	Title		Phone Number		Email Address
	1.4	Is the applica Owner		vner, operator, or	⁻ both? (Check Operator	only one response.)		Property owned by US Army. Water utility assets Both owned by American Water
	1.5	To which ent	tity should NYSDE	C send correspo	ndence? (Cheo	ck only one response	e.)	Facility and applicant
	1.6	Facility			Applicant	that apply and print.		(they are one and the same) the corresponding permit
ermits	1.0	number for e			ting Environm		or type	the corresponding permit
nental P			S (discharges to si und waters)	urface	RCRA (hazar	rdous waste)		UIC (underground injection)
Environ		PSD (a	air emissions)		Nonattainmer	nt program (CAA)		NESHAPs (CAA)
Existing Environmental Permits		Ocear	dumping (MPRS)	A) 🗌	Dredge or fill 404)	(CWA Section		Other (specify)
	<u> </u>	<u> </u>			Excavation & Fil	Il in Navigable Water		Water Quality Certification

Article 15, Title 5 (attached)

DEC	ldentificat	ion Number	SPDES Permit Nu	umber	Facility Nam	le	7		
	1.7	Provide the colleg	ction system inform	ation reque	sted below for the treatm	oont works			٦
	1.7	Municipality Served (POSS#)	Population Served	L	Collection System Ty ength (mi.) & Percentage	pe e (%)	Own	ership Status	
erved				Separate S Combined	Sewer mi	% %	POTW Ow POSS Ow		AWMS operate mainta
Collection System and Population Served				Separate S Combined	Sewer mi	%	POTW Ov POSS Ow		THWW and co system
n and Pop				Separate S Combined	Sewer mi	%	POTW Ow POSS Ow		
on Systen				Separate S Combined S Unknowr	Sewer mi	% %	POTW Ow POSS Ow		
Collectic		Total Population Served							
				Sepa	rate Sanitary Sewer Sy	/stem		ned Storm and iitary Sewer	
		Total percentage sewer line (in mile			mi	%	m	i %	
Indian Country	1.8	Is the treatment v	vorks located in Ind	ian Country	? □ No				
ian C	1.9	Does the facility of	discharge to a recei	ving water t	hat flows through Indian	Country?			
lnc	4.40		and a strict flammation					blant design FR gn Flow Rate	-
	1.10		nd actual flow rates			001/10 40	Desi	gii Fiow Rate MGE)
ual		Existing plant FR ave	erages		population in 2020 impacted b Average Flow Rates (-			-
ates		Two Ye	ears Ago		Last Year		1	This Year	
esign and Actual Flow Rates			MGD	1		MGD		MGE)
				Maxim	um Daily Flow Rates (/	Actual)			
		Two Ye	ears Ago		Last Year			This Year	_
			MGD			MGD		MGE)
nts	1.11	Provide the total			oints to Waters of the St of Effluent Discharge F				-
Discharge Points by Type		Treated Efflue			Combined Sewer Overflows		asses	Constructed Emergency Overflows	
Dis									
Sole Source Aquifer	1.12				s a sole source aquifer o nt B (see SPDES websit		A-3? □ No		

DEC	C Identificat	tion Number	SPDES	Permit Number		Facility Name								
	Outfall	s to Groundwa	ters & Surface	Waters Not (Considered Wate	rs of the State								
	1.13	Does the POT		astewater to b	asins, ponds, or of			do not have outlets for						
	1.14		cation of each s	surface impour	ndment and associ	ated discharge	information in th	ne table below.						
					npoundment Loca	ation and Disc								
			Location		Average Da Discharged Impoun	to Surface	Contin	uous or Intermittent (check one)						
						GP	D Contin							
						GP	D Contin							
spo						GP	D Contin							
Outfalls and Other Discharge or Disposal Methods	1.15	Yes	applied to land	-	No No	→SKIP to Iter								
osa	1.16	Provide the gr	vide the groundwater discharge site and discharge data requested below. Groundwater Discharge Site and Discharge Data											
Disp					ndwater Discharg									
Irge or		Loca	tion	Depth of Water Table	Soil Type		Average Daily olume Applied	Continuous or Intermittent						
Discha				ft		ac.	GPD	Intermittent						
Other				ft		ac.	GPD	Continuous Intermittent						
and				ft		ac.	GPD	Continuous Intermittent						
Outfalls	1.17	Is effluent tran	sported to anot	her facility for	treatment prior to	discharge? o → SKIP to Ite	em 1.22.							
U	1.18	Describe the n	neans by which	the effluent is	s transported (e.g.,	tank truck, pipe	e).							
	1.19	Is the effluent	transported by	a party other t	han the applicant?	o →SKIP to Ite	em 1.21.							
	1.20		ation on the tra	ansporter belov										
					Transport									
		Entity name				Mailing addre	ss (street or P.C). box)						
		City or town				State		ZIP code						
		Contact name	(first and last)			Title								
		Phone numbe	r			Email address	6							

DEC	ldentifica	ation Number SPDES Permit Number					Facility Name					
	1.21	In the table belo	w, indicate	the name, a	act informati	on, SPDES number, a	and ave	erage daily flow rate of the				
		receiving facility.			Rec	eiving Faci	lity Data					
þe		Facility name			Rec		Mailing address (stree	t or P.C	D. box)			
ntinu		City or town				5	State		ZIP code			
ds Co		Contact name (f	irst and las	st)		1	Title					
Metho		Phone number				E	Email address					
sposal		SPDES number	of receivir	ig facility (if a	any)	ļ	Average daily flow rate MGD					
Outfalls and Other Discharge or Disposal Methods Continued	1.22					an those already mentioned in Items 1.13 through 1.21 that do not ind percolation, underground injection)?						
charg		Yes			Ľ	No •	SKIP to Item 1.24.					
. Disc	1.23	Provide informat	tion in the	table below								
ther		Disposal					isposal Methods Annual Average					
and O		Method Description		ation of osal Site	Size Dispos		Daily Discharge Volume	Co	ntinuous or Intermittent (check one)			
utfalls		•				ac.	GPD		Continuous Intermittent			
ō						ac.	GPD		Continuous Intermittent			
						ac.	Intermittent					
	1.24							2.17 or	authorized at 40 CFR			
Variance Requests		Discharge	es into mai	ine waters (DEC to determine what additional information is needed. Water quality related effluent limitation (CWA					
Vari Req		Section 3	())		D 700 47)		Section 302(b)(2)					
	4.05			ice (6 NYCR			ot applicable		······································			
	1.25	the responsibility			spects (related	to wastewa	ater treatment and em	uent qu	uality) of the treatment works			
		Yes			[SKIP to Section 2.					
	1.26	Provide location and maintenance					·	n of the	e contractor's operational			
				Co		ntractor Info			Contractor 2			
Ľ		Contractor name	9	00	ntractor 1		Contractor 2		Contractor 3			
natic		(company name)									
lform		Mailing address (street or P.O. b	ox)									
tor Ir		City, state, and Z										
Contractor Information		code Contact name (fi	irst and									
0		last) Phone number										
		Email address										
		Operational and maintenance responsibilities of										
		contractor				1						

DEC	C Identifica	tion Number	SPDES Pern	it Number		Facility Name		
SECTIO			ORMATION (40 CF	0 100 01/i)(1) an	d (2))			
	n z. Ad	DITIONAL INFO		√ 122.2 f(j)(1) aff	u (<i>z))</i>			
Pump Stations	2.1	Do the treatme	ent plant and/or coll	ection system inc	lude any pun	np stations?		
P St		□ Yes →	Complete Table H		No			
ion	2.2		eatment works' curre	ent average daily	volume of inf		aily Volume of Inflov	
filtrat		and infiltration.				please refer to Control Plan (L	provided 2021 Long Term TCP)	GPD
Inflow and Infiltration		Indicate the ste	eps the facility is tal	ting to minimize i	nflow and infi	Itration.		
ow a								
Topographic Map	2.3	Have you attac specific require		map to this appli	cation that co	ntains all the requir	ed information? (Se	e instructions for
pogral Map			,	_				
	0.4	Yes		<u>لا</u>	No			Lin formation O
Flow Diagram	2.4		ons for specific requi		matic to this a	application that con	tains all the required	Information?
FI Dia		□Yes			No			
	2.5	Are any facility	y modifications or in	provements sch	eduled over th	ne next 5 years?		
		Yes			No → S	KIP to Section 3.		
u		Briefly list and	describe the sched	uled improvemer	nts.			
entati		1.						
oleme		2 LIV primary	y effluent disinfectio	n versus NaCIO				
of Imp		ov primary						
chedules of Implementation		3. Increased	detention time via i	ncreased equaliz	ation storage	capacity		
ched		4. General u	porade and re-ratin	g of primary treat	ment. second	darv treatment. and	solids handling syst	ems.
S	2.6						ompletion for improv	
ents a	2.0		Sche			mpletion for Impro		
veme		Scheduled		Be		End	Begin	Attainment of Operational
mpro		Improvemer (from above		Constr (MM/DD		Construction (MM/DD/YYYY)	Discharge (MM/DD/YYYY)	Level (MM/DD/YYYY)
Scheduled Improvements and		1.	number					
ched		2.						
S		3.						
	0.7	4.	ato pormite/cloaran		ther federal/s	tato roquiromonto k	been obtained? Brief	ly oxplain your
	2.7	response.	are hermite/ciegigu	es concerning o			een oblaineu? Dilei	іу с лріант убин
		Yes		No No			None required o	or applicable
		Explanation:						

DEC	C Identifica	tion Number	SPDES	Permit Numbe	r		Facility Nar	ne				
SECTIO	ON 3. INF	ORMATION ON	N EFFLUENT D	ISCHARGE	S (40 CF	R 122.21(i)	(3) to (5))					
	3.1	Provide the fo	llowing informat					ts if you ł	nave more th	an three	outfalls	.)
		Existing outfall 001 be Coordinates below re outfall 001	eing replaced. flect location of new	Outfall N	Number _		Outfal	l Numbe	er	Outfal	l Numbe	er
		State										
falls		County										
Description of Outfalls		City or town										
ption		Distance from	shore from riv	er bank		ft.			ft.			ft.
Jescri		Depth below s	surface _{from me}	an high water		ft.			ft.			ft.
		Average daily	flow rate			MGD			MGD			MGD
		Latitude		o	' .	"	o	,	"	o	,	"
		Longitude		o	,	"	o	,	"	٥	,	"
ata	3.2		outfalls describ	ed under Iter	m 3.1 hav	/e seasonal	or periodi		ges? ▶ SKIP to Ite	~ 2 <i>1</i>		
Seasonal or Periodic Discharge Data	3.3	If so, provide t	he following info	ormation for	each ann	licable outf				11 3.4.		
ischa					Number			all Numb	per	Outf	all Num ⁱ	ber
dic D		Number of tim										
Perio		discharge occ Average durat										
ial or		discharge (spe Average flow of										
eason		discharge				MGE)		MGE)		MGD
Š		Months in white occurs	_									
	3.4	-	outfalls listed u	inder Item 3.	1 equipp	ed with a di						
	3.5	Yes Briefly describ	e the diffuser ty	ne at each a	applicable	outfall		10 - SK	IP to Item 3.6).		
Diffuser Type	0.0				Number		Outfa	all Numb	er	Outfa	all Numb	ber
fuser												
Dif												
			7 4 4 5									
Mixing Zone Form	3.6	-	Zone Analysis F water outfall to									-
(iM Zon€		П Ү	′es → Simple F	orm				Yes -	Detailed Fo	orm		
s	3.7		ment works util	ize or plan to	o utilize a	ny water tre	atment ch	emicals t	hat may be c	lischarge	əd	
WTCs		from one or m	ore outtalls? s →Complete	Table F				No				

DEC	C Identificat	ion Number	SPDES	Permit Number		Facility Name				
	3.8	Provide the receiving	a water ar	nd related informat	ion (if knowr	n) for each outf	all.			
		· · · · · · · · · · · · · · · · · · ·		Outfall Numbe	•	ſ .	umber	Out	fall Number	
		Receiving water nan	ne							
		Water Index Number	r (WIN)							
Receiving Water Description		Waterbody Inventory Priority Waterbodies (WI/PWL) segment								
er De		Water Classification								
ng Wate		Regulatory Basin Commission (if appli	icable)							
Receivii		USGS 8-digit hydrolo unit code (HUC8)	ogic							
		Critical low flow (acu	ute)		CFS		CFS		(CFS
Critical low hardness d	lata to be	Critical low flow (chr	onic)		CFS		CFS		(CFS
determined per G. Ten		Total hardness at cri low flow	itical		mg/L of CaCO₃		mg/L of CaCO₃			/L of ICO₃
	3.9	Provide the following	g informati	on describing the	treatment pr	ovided for disc	harges from eacl	outfall.		
				Outfall Numbe	er	Outfall N	umber	Out	fall Number	
E		Highest Level of Treatment (check a apply per outfall)	ll that	 Primary Equivalent to secondary Secondary Advanced Other (speci 		 Primary Equivaluse seconda Second Advanc Other (second) 	ent to ary ary ed	I E S S A	Primary Equivalent to econdary Secondary Idvanced Other (specify)	
scription		Treatment (check a		 Equivalent to secondary Secondary Advanced 		□ Equival seconda □ Second □ Advanc	ent to ary ary ed	I E S S A	Equivalent to econdary Secondary Advanced	
tent Description		Treatment (check a apply per outfall) Design Removal Ra		 Equivalent to secondary Secondary Advanced 		□ Equival seconda □ Second □ Advanc	ent to ary ary ed	I E S S A	Equivalent to econdary Secondary Advanced	%
Treatment Description		Treatment (check a apply per outfall) Design Removal Ra Outfall BOD5 or CBOD5 TSS	ates by	 Equivalent to secondary Secondary Advanced 	fy)	□ Equival seconda □ Second □ Advanc	ent to ary ed specify)	I E S S A	Equivalent to econdary Secondary Advanced	%
		Treatment (check a apply per outfall) Design Removal Ra Outfall BOD5 or CBOD5 TSS please refer to Oct-2020 fa	ates by	 Equivalent to secondary Secondary Advanced 	fy) % % cable	Equival seconda Second Advanc Other (s	ent to ary ed specify) % applicable		Equivalent to econdary Secondary Advanced	%
		Treatment (check a apply per outfall) Design Removal Ra Outfall BOD5 or CBOD5 TSS	ates by	Equivalent to secondary Secondary Advanced Other (speci	fy) % % cable %	Equival seconda Second Advanc Other (s	ent to ary ed specify) % applicable %		Equivalent to econdary Secondary dvanced Dther (specify)	%
		Treatment (check a apply per outfall) Design Removal Ra Outfall BOD5 or CBOD5 TSS please refer to Oct-2020 fa	ates by	 Equivalent to secondary Secondary Advanced Other (speci 	fy) % % cable %	Equival seconda Second Advanc Other (s	ent to ary ed specify) % applicable		Equivalent to econdary Secondary dvanced Other (specify)	%

DEC	Cldentifica	tion Number	SPDES F	Permit Number		Facility Name							
ntinued	3.10	Describe the t season, descri		n used for the ef	luent from eacl	h outfall in the ta	ble below. If dis	sinfection varie	s by				
n Cor				Outfall Num	ber	Outfall Nur	nber	Outfall Nun	nber				
Treatment Description Continued		Disinfection typ	pe										
atment D		Seasons used											
Trea		Dechlorination	used?	 Not application Yes No 	able	□ Not app □ Yes □ No	blicable	□ Not a □ Yes □ No	pplicable				
	3.11	Have you com	pleted monitorin	g for all Table A p	parameters and	attached the re	sults to the app	lication packag	le?				
	3.12	discharges or		tests during the 4 water near the d esults attached		?	e application on SKIP to Item 3.		lity's				
	3.13		ndicate the number of acute and chronic WET tests conducted since the last permit reissuance of the acility's discharges by outfall number or of the receiving water near the discharge points.										
				Outfall Nu	Chronic	Outfall Num Acute	Chronic	Outfall Nun Acute	Chronic				
		Number of test water	Ç										
	3.14	Number of tes water Does the treat	-	e a design flow gr	eater than or e		? KIP to Item 3.1	7					
esting Data	3.15	Does the POT reasonable pot	tential to dischar	or disinfection, us ge chlorine in its B, including chlo	effluent?	where in the trea		, or otherwise h					
Effluent Testin	3.16			g for all applicable									
	3.17	Does one or m The facilit The POT NYSDEC the paran	ty has a design f W has an approv has informed th neters in Table D	ing conditions ap low greater than of red pretreatment e POTW that it m b, must sample fo toxicity for each c	or equal to 1 M program or is r ust sample for r other addition	GD. equired to devel the parameters al parameters (T outfalls (Table E	in Table C, mus Fable D), or sub	st sample for omit the results	of WET				
	3.18	Have you com package?	pleted monitorin	g for all applicabl	e Table C pollu	tants and attach No	ed the results t	o this applicatio	on				
	3.19	Have you com	Have you completed monitoring for all applicable Table D pollutants required by NYSDEC and attached the results to this application package?										
		Yes				No							

DEC	C Identifica	tion Number	SPDE	S Permit Number	Fac	ility Name				
	3.20			ither (1) minimum of fo ET tests in the past 4.9		T tests fo	r one yea	ar prec	eding th	nis permit application
				D20) WET test attached] No 🚽	Comp		sts and	Table E and SKIP to
	3.21			WET tests conducted	and whether the	e results w			to NYSI	DEC.
		Test(s)		Test Results	;	Subr	nitted to	NYSD	EC?	Date(s) Submitted
				TUa	TUc		Yes		No	
				TUa	TUc		Yes		No	
ned				TUa	TUc		Yes		No	
Effluent Testing Data Continued				TUa	TUc		Yes		No	
ata (3.22	Regardless of	how you prov	ided your WET testing	data, did any of	the tests	result in	toxicity	y?	
ting D		☐ Yes				□No -	SKIP to	b Item	3.26.	
t Test	3.23	Describe the c	ause(s) of the	e toxicity:						
ffluen										
ш										
	3.24		ent works co	nducted a toxicity redu	ction evaluation					
	3.25	Provide details	of any toxicit	y reduction evaluation	s conducted	□No →	SKIP to	ltem 3	3.26.	
	5.25	FIOVICE CELAIS			s conducted.					
	2.00		alata d Tabla I							
	3.26	Have you com		E for all applicable outf	_	Not a	applicabl	e beca	iuse pre	ackage? eviously submitted
SECTIO				D HAZARDOUS WAS			mation to		DEC.	
OLONC	4.1			charges from SIUs or I		122.21()/(b) and (r))		
		Yes					SKIP to	Item 4	1.7.	
Istes	4.2	Indicate the nu		and NSCIUs that disc er of SIUs	harge to the PO	TW.	Nu	mher	of NSC	lle
is Wa			Humb						see no	
rdou	4.3	Does the POT	W have an ap	proved pretreatment p	rogram?					
Haza		🔲 Yes		No No		Mini-P	retreatme	ent		
s and	4.4			f the following to NYSI						•
arges		pretreatment p		nt program annual rep	ort submitted wi	thin one y	ear of the	e appli	cation o	or (2) a
Disch		☐ Yes				No 🗲	SKIP to	Item 4	ł.6.	
Industrial Discharges and Hazardous Wastes	4.5	Identify the title	e and date of	the annual report or pr	etreatment prog	ram refere	enced in	Item 4	.4. SKIF	o to Item 4.7.
udus										
-	4.6		pleted and at	tached Table G to this	application pack	•				
		Yes				No				

Note 1: Three (3) closed landfill leachate systems currently connected to the Target Hill collection system.

DEC	DEC Identification Number				ermit Number	Facility Name					
	4.7				it been notified that wastes pursuant to 4		by t	truck, rail, or dedi	cated pip	e, any waste	es that are
		🗌 Yes					Ν	No ➔ SKIP to Ite	m 4.9.		
	4.8	If yes, provide	the follow	ing info	rmation:						
		Hazardous N Numbe				Transport Me eck all that appl		d		Annual Mount of Waste Received	Units
					Truck		F	Rail			
ontinued					Dedicated pipe		(Other (specify)			
ss C					Truck			Rail			
us Waste					Dedicated pipe			Other (specify)			
ardo					Truck		-	Rail			
Haz					Dedicated pipe			Other (specify)			
and							-				
Industrial Discharges and Hazardous Wastes Continued	4.9				it been notified that uant to CERCLA ar		04(7		CRA?	om remedial a	activities,
ndustria	4.10	Does the POT specified in 40			ect to receive) less nd 261.33(e)?	than 15 kilogra	ams	per month of non	i-acute h	azardous wa	stes as
_		🗌 Yes 🚽	SKIP to	Section	5.	Ľ		No			
	4.11	site(s) or facili	ty(ies) at v	which the	information in an a e wastewater origin ne wastewater recei	ates; the identi	ties	of the wastewate	r's hazar	dous constitu	
		🔲 Yes]	No			
SECTIC	N 5. CO	MBINED SEWE	R OVERF	LOWS	(40 CFR 122.21(j)(8))					
E	5.1	Does the treat	tment worl	ks have	a combined sewer	system?					
CSO Map and Diagram		☐ Yes				Ľ]	No →SKIP to S	Section 6.		
D PI	5.2	Have you atta	ched a CS	SO syste	em map to this appli	cation? (See ir	nstru	uctions for map re	quireme	nts.)	
ap ar		🔲 Yes				Ľ]	No please refer to p	provided 20	21 Long Term C	Control Plan (LTCP)
Ν	5.3	Have you atta	ched a CS	SO syste	em diagram to this a	pplication? (Se	e in	nstructions for diag	gram req	uirements.)	
CS		🔲 Yes				Ľ]	No please refer to p	provided 20	21 Long Term C	Control Plan (LTCP)

		SPDE	ES Permit Number		Facility	Name						
	5.4	For each CSC	L D outfall, provid	de the following infor	mation. (At	tach addit	ional she	ets as nece	ssary.)			
				CSO Outfall Num	ber	CSO Ou	tfall Num	nber	CSO Ou	tfall Nun	nber	
c		City or town										
riptio		State and ZIF	ocode									
Desc		County										
utfall		Latitude		o /	"	٥	,	"	0	,	"	
CSO Outfall Description		Longitude		o /	"	0	,	"	0	,	"	
0		Distance from	n shore		ft.			ft.				ft.
		Depth below	surface		ft.			ft.				ft.
	5.5	Did the POTV	V monitor any	of the following items	s in the pas	st year for	its CSO o	outfalls?				
				CSO Outfall Num	ber	CSO Ou	tfall Num	ber	CSO Ou	tfall Nun	nber	
		Rainfall		□ Yes □	No		IYes □] No		l Yes 🛛] No	
itorinç		CSO flow vol	ume	□ Yes □	No		l Yes 🛛] No		l Yes 🛛] No	
CSO Monitoring		CSO pollutan concentration		□ Yes □	No		l Yes 🛛] No		l Yes 🛛	□ No	
CS		Receiving wa	ter quality	🗆 Yes 🛛	No		lYes □] No		l Yes 🛛	∃ No	
		CSO frequen	су	□ Yes □	No		IYes □] No		lYes D] No	
		Number of sto	orm events	□ Yes □	No		IYes □] No		IYes D] No	
	5.6	Provide the fo	ollowing inform	ation for each of you	ır CSO out	falls.						
				CSO Outfall Num	ber	CSO Oι	itfall Nur	nber	CSO Ou	tfall Nu	mber _	
ast Year		Number of CS the past year			events			events			ev	rents
CSO Events in Past		Average dura event	ition per		hours			hours		al ar 🗖		ours
Even				Actual or Es	n gallons			<u>Estimated</u> lion gallons		al or □ mil	Lion gal	
CSO		Average volu	me per event	Actual or D Es	•	Π Acti		Estimated		al or □	-	
Ŭ		Minimum rain	fall causing		of rainfall			s of rainfall			es of rai	
		a CSO event		□ Actual or □ Es		🗆 Actu		Estimated	□ Actu	al or 🗆 🛛		

DEC	C Identifica	ation Number	SPDE	S Permit Nur	mber		Facili	ty Name		
	5.7	Provide the info	ormation in th	e table bel	ow for e	ach of your	CSO outf	alls		
	0.7					nber		utfall Number	·	CSO Outfall Number
		Receiving wate	r name							
		Water Index Nu	umber (WIN)							
CSO Receiving Waters		Waterbody Inve Priority Waterbo (WI/PWL) segn	entory/ odies List							
eivin		Water Classifica								
SO Rec		Regulatory Bas Commission (if								
Ö		U.S. Geologica Digit Hydrologic (if known)] Unknov	vn		Unknown		Unknown
		Description of k water quality im receiving strear	npacts on							
SECTIC	ON 6. CH	ECKLIST AND C	CERTIFICATI	ON STATE	MENT	(40 CFR 1	22.22(a) ai	nd (d))		
	6.1	For each section applicants are r	on, specify in	Column 2	any attao	chments th			lert NYSDE	itting with your application. EC. Note that not all
		Section	1: Basic App			w/ variance	e request(s			w/ additional attachments
			tion for All Ap 2: Additional			w/ topogra	ohic map			w/ process flow diagram
						w/ addition	al attachm			w/ Table H
ŧ			3: Informatio Discharges	n on		w/ Table A w/ Table B		w/ Table D w/ Table E		w/ additional attachments Simple MZ Form
Itement		Castian				w/ Table C		w/ Table F		Detailed MZ Form
n Sta		Discharg	4: Industrial ges and Haza	ardous	_			tachments		w/ Table G
catio		Wastes	C. Os ushin s d	0		w/ CSO ma		ents (analytical		w/ additional attachments
ertifi		Overflov	5: Combined	Sewer		w/ CSO m w/ CSO sy	•	am		
Checklist and Certification Sta			6: Checklist ation Stateme			w/ attachm	ents			
klist	6.2	Certification S		11						
Chec		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 responsibl 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 (print or type first and last name)Official title								
		Signature	ZKARÔJ .						Date sigr	ned

DEC Identification Number	SPDES Permit Number	Facility Name	Outfall Number

	Maximum Daily Discharge		Av	erage Daily Dischar	ge	Analytical	ML or MDL
Pollutant	Value Units		Value	Units	Number of Samples	Method ¹	(include units)
Biochemical oxygen demand □ BOD₅ or □ CBOD₅ (report one)		mg/L		mg/L			
Fecal coliform	no chlorination						
Design flow rate 2.06 MGD (existing)							
pH (minimum)		SU					
pH (maximum)		SU					
Temperature (winter)							
Temperature (summer)							
Total suspended solids (TSS)		mg/L		mg/L			

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

² Sampling for BOD5, CBOD5, Fecal Coliform, and Total Suspended Solids (TSS) are not required for groundwater dischargers.

NOTES:

- 1) AWMS assumed custody of assets in June 2020. Historical parameter averages reflect data gathered Jun 2020 Dec 2020.
- 2) Disinfection and fecal coliform monitoring only required by current SPDES May 1-Oct 31
- 3) Any values = method limit are preceded by a < symbol
- 4) Average values provided for routinely monitored parameters only

DEC Identification Number	SPDES Permit N	umber	Facility Name Outfall Number				
TABLE B. EFFLUENT PARAMETER	S FOR ALL POTWS	WITH A FLOW EC	QUAL TO OR GREATE	R THAN 0.1 MGD			
	Maximum Dai	ly Discharge	A	verage Daily Discha	arge	Analytical	ML or MDL
Pollutant	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
Total Residual Chlorine (TRC) ²							□ ML □ MDL
Dissolved oxygen		mg/L		mg/L			
Oil and grease		mg/L		mg/L			□ ML □ MDL
Nitrite (as N)		mg/L		mg/L			
Nitrate (as N)		mg/L		mg/L			
Ammonia (as N)		mg/L		mg/L			
Total Kjeldahl Nitrogen (TKN)		mg/L		mg/L			
Total Nitrogen (as N)		mg/L		mg/L			
Total Phosphorus (as P)		mg/L		mg/L			
Total dissolved solids		mg/L		mg/L			ML MDL

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

² Facilities that do not use chlorine for disinfection, do not use chlorine elsewhere in the treatment process, and have no reasonable potential to discharge chlorine in their effluent are not required to report data for chlorine.

³ Sampling for Dissolved Oxygen and Total Kjeldahl Nitrogen (TKN) are not required for groundwater dischargers.

DEC Identification Number	SPDES Permit Number Facility Name		Facility Name		Dutfall Number		
TABLE C. EFFLUENT PARAMETER	S FOR SELECTED	POTWS					
	Maximum Daily Discharge		A	Average Daily Discha		Analytical	ML or MDL
Pollutant	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
Metals, Cyanide, and Total Phenols							
Hardness (as CaCO ₃)		mg/L		mg/L			
Antimony, total recoverable							
Arsenic, total recoverable							ML MDL
Beryllium, total recoverable							ML MDL
Cadmium, total recoverable							
Chromium, total recoverable							
Copper, total recoverable							
Lead, total recoverable							
Mercury, total recoverable ²	0.0050		0.0036				
Nickel, total recoverable							
Selenium, total recoverable							
Silver, total recoverable							
Thallium, total recoverable							
Zinc, total recoverable							
Cyanide							
Total phenolic compounds							
/olatile Organic Compounds							
Acrolein		μg/L		μg/L			
Acrylonitrile		μg/L		μg/L			
Benzene		μg/L		μg/L			
Bromoform		μg/L		μg/L			

DEC Identification Number	SPDES Permit Number		Facility Name	(Outfall Number		
ABLE C. EFFLUENT PARAMETER	S FOR SELECTED	POTWS					
Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical	ML or MDL
Pollutant	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
Carbon tetrachloride		µg/L		μg/L			
Chlorobenzene		µg/L		μg/L			
Chlorodibromomethane		μg/L		µg/L			
Chloroethane		μg/L		µg/L			
2-chloroethylvinyl ether		μg/L		μg/L			
Chloroform		μg/L		μg/L			
Dichlorobromomethane		μg/L		μg/L			
1,1-dichloroethane		μg/L		μg/L			🗆 ML
1,2-dichloroethane		μg/L		μg/L			
trans-1,2-dichloroethylene		μg/L		μg/L			
1,1-dichloroethylene							
1,2-dichloropropane		µg/L		µg/L			
		µg/L		µg/L			
1,3-dichloropropylene		µg/L		µg/L			
Ethylbenzene		µg/L		µg/L			MDL
Methyl bromide (bromomethane)		μg/L		μg/L			
Methyl chloride		µg/L		μg/L			
Methylene chloride		µg/L		µg/L			
1,1,2,2-tetrachloroethane		µg/L		µg/L			
Tetrachloroethylene		µg/L		μg/L			
Toluene		μg/L		μg/L			
1,1,1-trichloroethane		μg/L		μg/L			
1,1,2-trichloroethane		μg/L		μg/L			

DEC Identification Number	SPDES Permit N	umber	Facility Name	(Dutfall Number		
ABLE C. EFFLUENT PARAMETE	RS FOR SELECTED	POTWS					
Dellutent	Maximum Da	ily Discharge	Ave	erage Daily Disch	arge	Analytical	ML or MDL
Pollutant	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
Trichloroethylene		µg/L		µg/L			
Vinyl chloride		µg/L		µg/L			
cid-Extractable Compounds							
p-chloro-m-cresol		μg/L	4-Chloro-3-methylphenol	μg/L			
2-chlorophenol		µg/L		µg/L			
2,4-dichlorophenol		μg/L		µg/L			
2,4-dimethylphenol		µg/L		µg/L			
4,6-dinitro-o-cresol		µg/L	4,6-Dinitro-2-methylphenol	µg/L			
2,4-dinitrophenol		µg/L		µg/L			
2-nitrophenol		µg/L		µg/L			
4-nitrophenol		μg/L		μg/L			
Pentachlorophenol		µg/L		μg/L			
Phenol		µg/L		μg/L			
2,4,6-trichlorophenol		μg/L		µg/L			
ase-Neutral Compounds							
Acenaphthene		μg/L		µg/L			
Acenaphthylene		μg/L		µg/L			
Anthracene		μg/L		μg/L			
Benzidine		μg/L		μg/L			
Benzo(a)anthracene		μg/L		μg/L			
Benzo(a)pyrene		μg/L		μg/L			
3,4-benzofluoranthene		μg/L		μg/L			

DEC Identification Number	SPDES Permit Number		Facility Name	(Dutfall Number		
ABLE C. EFFLUENT PARAMETERS	S FOR SELECTED	POTWS					
Pollutant	Maximum Daily Discharge		Average Daily Discharge			Analytical	ML or MDL
Pollutant	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
Benzo(ghi)perylene		µg/L		µg/L			
Benzo(k)fluoranthene		µg/L		µg/L			
Bis (2-chloroethoxy) methane		μg/L		µg/L			
Bis (2-chloroethyl) ether		μg/L		µg/L			
Bis (2-chloroisopropyl) ether		μg/L		µg/L			
Bis (2-ethylhexyl) phthalate		μg/L		µg/L			ML MDL
4-bromophenyl phenyl ether		μg/L		µg/L			ML MDL
Butyl benzyl phthalate		μg/L		µg/L			
2-chloronaphthalene		µg/L		µg/L			
4-chlorophenyl phenyl ether		µg/L		μg/L			
Chrysene		µg/L		μg/L			
di-n-butyl phthalate		µg/L		μg/L			
di-n-octyl phthalate		µg/L		μg/L			
Dibenzo(a,h)anthracene		µg/L		μg/L			
1,2-dichlorobenzene		µg/L		μg/L			
1,3-dichlorobenzene		µg/L		μg/L			
1,4-dichlorobenzene		µg/L		μg/L			
3,3-dichlorobenzidine		µg/L		µg/L			
Diethyl phthalate		µg/L		μg/L			
Dimethyl phthalate		µg/L		μg/L			
2,4-dinitrotoluene		µg/L		μg/L			
2,6-dinitrotoluene		μg/L		μg/L			

DEC Identification Number	SPDES Permit N	umber	Facility Name	0	outfall Number		
ABLE C. EFFLUENT PARAMETER	S FOR SELECTED	POTWS					
	Maximum Da	ily Discharge	Av	verage Daily Discha	arge	Analytical	ML or MDL
Pollutant	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
1,2-diphenylhydrazine		µg/L		μg/L			
Fluoranthene		µg/L		μg/L			
Fluorene		µg/L		µg/L			ML MDL
Hexachlorobenzene		µg/L		µg/L			ML MDL
Hexachlorobutadiene		µg/L		µg/L			
Hexachlorocyclo-pentadiene		µg/L		µg/L			
Hexachloroethane		µg/L		µg/L			
Indeno(1,2,3-cd)pyrene		µg/L		µg/L			
Isophorone		µg/L		µg/L			
Naphthalene		µg/L		μg/L			
Nitrobenzene		µg/L		µg/L			
N-nitrosodi-n-propylamine		µg/L		µg/L			
N-nitrosodimethylamine		µg/L		µg/L			
N-nitrosodiphenylamine		μg/L		μg/L			
Phenanthrene		µg/L		µg/L			
Pyrene		μg/L		μg/L			
1,2,4-trichlorobenzene		μg/L		µg/L			

¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR Chapter I, Subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

² Analysis for Total Recoverable Mercury must be performed utilizing the low-level, USEPA Method 1631E.

DEC Identification Number	SPDES Permit N	umber	Facility Name		Outfall Number						
ABLE D. PESTICIDES & ADDITION	ONAL POLLUTANTS	AS REQUESTED BY	NYSDEC								
Pollutant	Maximum Daily Discharge			erage Daily Disch	arge	Analytical	ML or MDL				
(list)	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)				
Pesticide Compounds											
Aldrin											
a-BHC											
B-BHC											
G-BHC											
D-BHC											
Chlordane											
4,4'-DDT											
4,4'-DDE											
4,4'-DDD											
Dieldrin											
A-Endosulfan											
B-Endosulfan											
Endosulfan Sulfate											
Endrin							□ ML □ MDL				
Endrin Aldehyde							□ ML □ MDL				
Heptachlor							□ ML □ MDL				
Heptachlor Epoxide											

¹Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

DEC Identification Number	SPDES Permit I	Number	Facility Name		Outfall Number		
TABLE D. PESTICIDES & ADDITI	ONAL POLLUTANTS	AS REQUESTED B	Y NYSDEC				
Pollutant		aily Discharge		verage Daily Disch	arge	Analytical	ML or MDL
(list)	Value	Units	Value	Units	Number of Samples	Method ¹	(include units)
PCB-1242							□ ML □ MDL
PCB-1254							
PCB-1221							
PCB-1232							
PCB-1248							
PCB-1260							
PCB-1016							
Toxaphene							
Additional Pollutants as Reques	ted by NYSDEC		No additional	sampling was requ	lested by NYSDEC.		
							ML MDL

¹Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

DEC Identification Number	SPDES	S Permit Number	Facility Name				
TABLE F. WATER TREATME	NT CHEMICAL LIS	TING					
			Authorized	Dosage (Ibs/d)			New or Increase
WTC Trade Name	Manufacturer	WTC Function	Average	Maximum	Discharge Outfall	Authorized Date	Request (optional)
For all New or Increased W	/TCs, you must atta	ach a completed WTC R	equest Form	No new or	increased WTC request	s included as part of t	his application.
							□New □Increase
						SPDES inception	□New □Increase
						SPDES inception	□New □Increase
						SPDES inception	□New □Increase
						SPDES inception	□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase
							□New □Increase

DEC Identification Number	SPDES Permit N	umber	Facili	ty Name						
TABLE H. FACILITY & COLLE	CTION SYSTEM RESILIE	NCY								
Pump Station Name	PS Owner	General Loc	ation	Latitude	(DMS)		Longi	tude (DMS))	Floor Elevation (ft, NAVD88)
Complete this table for all pu different than the SPDES per (DMS) format, and the elevation	mp stations that exist at the nittee), the general location (on in feet of the pump station	wastewater treatm of the pump station I floor (per the NAVI	ent facility an (e.g. intersect 088 datum).	d within the collectio tion of Green St. & W	n systen /ater St.)	n. Identify the , the latitude a	name of the pur and longitude of th	p station, th e pump stati	ie owner o ion in deg	of the pump station (if rees-minutes-seconds
The wastewater	treatment facility and collect	tion system do not	t contain any	pump stations.						
				٥	•	"	0	'	"	
				٥	'	"	0	ı	"	
				o	'	"	o	ı	=	
				o	I	"	o	·	"	
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				0	'	"	o	I	"	