	Surv	ey Date												05/0	1/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													ood										
		Location												В	172										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										550 ft ²	2					
Samp	le ID					050	118-DBF	RI-F-U										05	0118-DBF	RI-F-D					
Sample	Time						08:59												08:35						
									P	СВ	1	Ф	ne								P	СВ	1	Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	it	(ppm)					((ppb)						(ppm)					((ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water (-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	s	36.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	47.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close as practicable to the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/01	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activi	ity		JETT	- Jettin	g		Comr	nents															
	Т	ide												Fle	bod										
		Location												B	168										
Sam _l Locat	tion					Upcu	rrent (A	mbien	t)									-	Downcur	rent					
Distand Sour						Appro	x. 500 -	1000 f	t ¹										500 ft ²	!					
Sampl	le ID					050	118-JET	B-F-U										05	0118-JET	B-F-D					
Sample	Time						09:24												09:11						
		per							PO	СВ			ne	per							PC	В		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uni	it	(ppm)		•	•		(ppb)						(ppm)					(ppb)					
Detection	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water Q Stand		*	0.0007	8.2	5.6	8.0	66	1	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		1	ı	16	0.0006
esult⁴	s	34.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	47.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

 $^{^3}$ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

	Surv	ey Date												05/01	1/2018										
	Surve	у Туре												V - Vess	el Based										
Co	onstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	nents															
											E	bb													
												B'	176												
Sample Location Distance to						Upcu	rrent (A	mbien	t)										Downcuri	rent					
Distar Sou					Appro	x. 500 -	1000 f	t¹										525 ft ²	!						
Samp	le ID					050	118-SID	I-E-U										05	0118-SID	I-E-D					
Sample	Time						13:26												13:07						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult⁴	s	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analytical Result ⁴	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analy	В	42.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

 $^{^{2}}$ Samples collected as close as practicable to the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/02	2/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity	SIDI	- Silt [Displac	ement		Comr	nents															
	T	ide												Fle	bod										
		Location												B ²	176										
Sam Loca	ition					Upcu	rrent (A	mbient	t)									I	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID				050	218-SID	I-F-U										05	0218-SIE)I-F-D						
Sample	e Time					13:22												12:59							
		pel							PC	В			Je L	pə							PC	СВ		•	l e
o de la companya de l		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)						(ppb)					
Detectio	n Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water (*	0.0007	8.2	5.6	8.0	66	1				16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Analytical Result⁴	М	43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	42.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	50.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/02	2/2018										
	Surve	у Туре												V - Vess	sel Based										
C		ion Activi	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													ood										
		Location												B	172										
Sam Loca		Upcurrent (Ambient)																	Downcur	rent					
Distar Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID					050	218-DBF	RI-F-U										05	0218-DBI	RI-F-D					
Sample	Time						11:53												11:31						
		pel							P	СВ			l e	pəl							P	СВ			<u>e</u>
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	it	(ppm)					(ppb)						(ppm)				•		(ppb)					
Detectio	n Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
sult4	s	31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	40.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	42.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/02	2/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity		JETT	- Jettin	g		Comr	nents															
		ide													bod										
		Location												B ²	168										
Sam Loca	ition					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID				050	218-JET	B-F-U										05	0218-JET	B-F-D						
Sample	e Time						12:41												12:14						
		pel							P	В			l e	pə							PC	В		σ.	e
o de la companya de l		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)						(ppb)		•			
Detectio	n Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water (*	0.0007	8.2	5.6	8.0	66	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
S 51.5 ND					ND	ND	ND	ND	ND	ND	ND	2.5	ND	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anal	В	72.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	48.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/03	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Comr	nents															
	Т	ide												Е	bb										
		Location												B ^r	173										
	Sample Location Upcurrent (Ambient)															I	Downcur	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID					050	318-SID	I-E-U										05	60318-SIE	DI-E-D					
Sample	Time		_				10:08												09:40						
		hed							P	СВ		Φ	ne	per							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)					•	(ppm)			L. L.		((ppb)					1
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water G	•	*	0.0007	8.2	5.6	8.0	66	ı	1	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66		ı	ı	ı	16	0.0006
sult ⁴	s	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/03	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B'	175										
Loca	Sample Location Upcurrent (Ambient)														ı	Downcur	rent								
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID					0503	318-JET	W-E-U										050	318-JET	W-E-D	1				
Sample	Time						10:51												10:25						
		per							P	СВ		Φ	ne	þek							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)			•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-		16	0.0006
esult ⁴	s	30.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	45.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/03	3/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Comr	nents															
		ide													ood										
		Location												B	171										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										550 ft ²	2					
Samp	le ID					050	318-DBF	RI-F-U										05	0318-DBI	RI-F-D					
Sample	e Time						11:30								_				11:03					_	
		peq							PO	СВ		ø	ne	led							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)		•	•	•	(ppb)		•		•		(ppm)						(ppb)	•				
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	1	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	1	ı	ı	16	0.0006
sult ⁴	s	30.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close as practical to the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/04	/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt [Displac	ement		Comr	nents															
		ide													bb										
		Location											-	B1	176										
Sam Loca	tion		Upcu	rrent (A	mbien	t)									ı	Downcur	rent								
Distan Sou		Approx. 500 - 1000 ft ¹															500 ft ²	2							
Samp	le ID					050	418-SID	I-E-U										05	0418-SID	I-E-D					
Sample	Time						08:59												08:36						
		þek							P	СВ		a	ne	þek							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)		•	•		•	(ppm)		,		·	(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water G Stand	•	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006
ssult ⁴	s	58.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	222	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/04	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B'	176										
Sam Loca	tion	Upcurrent (Ambient) Approx. 500 - 1000 ft ¹															ı	Downcur	rent						
Distan Sou																			500 ft ²	2					
Samp	le ID					0504	118-JET	W-E-U										050)418-JET	W-E-D	1				
Sample	Time						10:46												10:26						
		per							P	СВ		a	ne	þek							PC	СВ		Φ	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(ppb)	·		•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water G Stand	•	*	0.0007	8.2	5.6	8.0	66	ı	ı	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult4	s	31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/07	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	oris Re	moval		Com	nents															
		ide													bb										
		Location												B	170										
Sam Loca	tion	Upcurrent (Ambient)														I	Downcur	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID					050	718-DBF	RI-E-U										05	0718-DBF	RI-E-D					
Sample	Time						09:44												09:21						
		þek							P	СВ		6	ne	per							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)	·		•		•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water G Stand	•	*	0.0007	8.2	5.6	8.0	66	ı	ı	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult4	s	32.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	46.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	51.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/07	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt [Displac	ement		Com	nents															
		ide													bb										
		Location												B'	175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID					050	718-SID	I-E-U										05	0718-SID	I-E-D					
Sample	Time						10:26												10:01						
		ded							P	СВ	1	в	ne	pep							PC			Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)					•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	I	0.1
Water 0	•	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	15.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	27.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	56.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/08	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt [Displac	ement		Com	nents															
		ide													bb										
		Location												B'	176										
Loca	ample cation Upcurrent (Ambient)														ı	Downcuri	rent								
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID					050	818-SIC	I-E-U										05	0818-SID	I-E-D					
Sample	Time						09:05												08:41						
		þek							P	СВ		6	ne	þek							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)		•	•		•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water G Stand	•	*	0.0007	8.2	5.6	8.0	66	ı	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult4	s	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	39.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	171	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁵ Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/08	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B'	173										
Sam Loca	tion															ı	Downcur	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID					050	818-JET	B-E-U										05	0818-JET	B-E-D					
Sample	Time						14:26												14:06						
		þek							P	СВ		_o	ne	per							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)			•		•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water G	-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	14.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	35.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/09)/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents								Balla	rd						
		ide													bb										
		Location											-	B1	173										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	!					
Samp	le ID					050	918-JET	B-E-U										05	0918-JET	B-E-D					
Sample	Time						09:26												09:01						
		per							P	СВ		a	ne	þek							PC	СВ		Φ	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)			•		(ppb)		•	•	•	•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66	1	-	-		16	0.0006
ssult ⁴	s	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/09	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt [Displac	ement		Comr	nents															
		ide													bb										
		Location												B1	176										
Loca	Sample Location Upcurrent (Ambient) istance to														I	Downcuri	rent								
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID		050918-SIDI-E-U															05	0918-SID	I-E-D					
Sample	Time						10:19												09:56						
		þek							P	СВ		_o	ne	per							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)			•		•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water G	-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	12.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	52.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/09	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activ	ity	DBR	RI - Del	oris Re	moval		Comr	nents															
	Т	ide													bb										
		Location												B	189										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID			050918-DBRI-E-U														05	0918-DBI	RI-E-D					
Sample	Time						10:49												10:39						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)					•	(ppm)		•		•		(ppb)	•				
Detec Lim	-	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water 0	-	*	0.0007	8.2	5.6	8.0	66	ı	ı	-	ı	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	S		NS																NS						
Analytical Result ⁴	М	22	ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- 4 S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surv	ey Date												05/09)/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents								Wee	ks						
		ide													bb										
		Location												B'	176										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					0509	918-JET	W-E-U										050)918-JET	W-E-D	1				
Sample	Time						11:34												11:11						
		ded							P	СВ		ø	ne	þəp							PC	В		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)			•		(ppb)		•	•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water 0	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-		16	0.0006
esult ⁴	s	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	11.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	27.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/10)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Comr	nents															
		ide													bb										
		Location												B′	180										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					051	018-SIE	I-E-U										05	1018-SID	I-E-D					
Sample	Time						08:44												08:26						
		led							P	СВ		_O	ne	pel							PC	В		a)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water C Stand	-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	13.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	25.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- 4 S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												05/10)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity		JETT	- Jettir	ıg		Com	nents								Balla	ard						
		ide													bb										
		Location											1	B ^r	178										
	Cample Ocation Upcurrent (Ambient) Stance to Approx. 500 - 1000 ft ¹															l	Downcur	rent							
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID		051018-JETB-E-U															05	1018-JET	B-E-D					
Sample	Time						09:14												08:55						
		þeþ							PO	СВ	ı	ø	ne	þeþ							PC	В	ı	Ð	ıne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(ppb)	•				•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water C		*	0.0007	8.2	5.6	8.0	66	-		-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	ı	1	1	16	0.0006
ssult ⁴	s	11.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	14.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	44.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/10)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity		JETT	- Jettin	ıg		Comr	nents								Wee	ks						
		ide													bb										
		Location											-	B1	176										
Loca	Sample Location Upcurrent (Ambient) Distance to Approx 500 - 1000 ft ¹																	ı	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID					0510)18-JET	W-E-U										05′	1018-JET	W-E-D	1				
Sample	Time						10:23												10:02						
		ded							P	СВ		ø	ne	þək							PC	В		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)			•		(ppb)		•	•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	I	0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006
esult ⁴	s	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	50.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/10)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	oris Re	moval		Comr	nents			Tota	al depth -	downcuri	ent: 14	4ft; upo	current	: 5ft. Only	one d	epth s	ample	d upcu	rrent	
		ide												E	bb										
		Location												B	189										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										120 ft ²	2					
Samp	le ID					051	018-DBI	RI-E-U										05	1018-DBF	RI-E-D					
Sample	Time						11:29												11:19						
		þek							PC	СВ		ø	ne	þəp							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		•	•		(ppb)					•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water G Stand	•	*	0.0007	8.2	5.6	8.0	66	ı	ı	-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	ı	ı	ı	16	0.0006
esult ⁴	s			NS NS											ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	25.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						NS						
Analy	В						NS							22.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to the turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												05/11	1/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity		JETT	- Jettin	g		Comr	nents															
	-	ide													ood										
		Location												B	178										
Loca	nple ation	Upcurrent (Ambient)															ı	Downcur	rent						
	nce to urce	Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Sam	ple ID	051117-JETB-F-U																05	1117-JET	B-F-D					
Sampl	e Time						08:54												08:33						
		pel							P	СВ	•	40	ne	pel							PO	СВ		4)	ne
	rarameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
U	nit	(ppm)					(ppb)						(ppm)						(ppb)					•
Detection	on Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
	Quality dard ³	*	0.0007	8.2	5.6	8.0	66	ı	ı	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	1	16	0.0006
sult ⁴	s	10.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	54.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/14	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	SIDI	- Silt [Displac	ement		Com	nents															
		ide													ood										
		Location												B	180										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					051	418-SID	I-F-U										05	51418-SIE	I-F-D					
Sample	Time						10:08								_				09:53					•	
		pəl							P	СВ		a)	ne	pəl							PO	СВ		· m	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(ppb)		•		•		(ppm)						(ppb)	•				
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water 0	,	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	1	ı	16	0.0006
sult4	s	20.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	79.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/14	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ty	DBF	RI - Del	bris Re	moval		Com	nents															
	Ti	ide												Fle	ood										
		Location												B ²	189										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										135 ft	2					
Samp	le ID	051418-DBRI-F-U																05	1418-DB	RI-F-D					
Sample	Time		10:27																10:19)					
Parameter		Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242		r 1254 🛱	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Para	•	Total Si Sc	Ме	ΪZ	ပိ	7	Z	Aroclo	Aroclor 1248	Aroclor 1254	Aroclo	Naph	Benzo(Total Sı Sc	Me	ΪZ	တ		Z	Aroclo	Aroclo	Aroclo	Aroclo	Naph	Benzo(
Un	it	(ppm)					(ppb)						(ppm)					((ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0	,	*	0.0007	8.2	5.6	8.0	66	-	-	-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-		16	0.0006
sult ⁴	s	NS NS																	NS						
Analytical Result ⁴	М	23.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/14	1/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		JETT	- Jettin	g		Comr	nents															
		ide													ood										
		Location												B	176										
Sam Loca					Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					0514	118-JET	W-F-U										05′	1418-JET	W-F-D)				
Sample	e Time		_				11:17								_				10:56						_
		pel							PO	СВ		σ	ne	led							PO	СВ		ø)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)		•	•	•	(ppb)		•		•	•	(ppm)						(ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	1	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		ı	1	16	0.0006
sult ⁴	s	31.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	45.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	71.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/15	5/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													ood										
		Location												B	189										
Sam Loca	tion	Upcurrent (Ambient)															ı	Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft ¹																200 ft	2						
Samp	le ID		051518-DBRI-F-U															05	1518-DB	RI-F-D					
Sample	e Time						08:31												08:24						
		pəl							P	СВ		m	ne	pəl							P	СВ		a)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)		•	•	•	(ppb)		•				(ppm)				•		(ppb)		•	•		
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0 Stand	,	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
sult ⁴	s						NS												NS						
Analytical Result ⁴	М	74.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/15	5/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity	SIDI	- Silt [Displac	ement		Com	nents															
		ide													ood										
		Location												B	179										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					051	518-SID	I-F-U										05	51518-SIE	I-F-D					
Sample	e Time						09:08												08:52						
		pəl							P	СВ		a)	ne	pəl							PO	СВ		· m	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)		•	•		(ppb)		•		•		(ppm)						(ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water (,	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	1	ı	16	0.0006
sult ⁴	s	32.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal)	В	68.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/15	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity		JETT	- Jettin	g		Comr	nents															
		ide													ood										
		Location												B'	176										
Sam Loca					Upcu	rrent (A	mbien	t)										Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										700 ft ²	2					
Samp	le ID					051	518-JET	T-F-U										05	1518-JET	T-F-D					
Sample	Time						10:05												09:36						
		peq							PO	СВ		ω	ne	led							PO	СВ		ø)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		•	•		(ppb)						(ppm)						(ppb)	•				
Detection	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water C		*	0.0007	8.2	5.6	8.0	66	1	-	1	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-	1	16	0.0006
sult ⁴	s	28.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/16	6/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity		JETT	- Jettin	g		Comr	nents															
	-	ide													ood										
		Location												B	176										
Loca	nple ation				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
	nce to irce					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samı	ole ID					0516	318-JET	W-F-U										05′	1618-JET	W-F-D	1				
Sampl	e Time						08:54												08:35						
		pəl							P	СВ	•	40	ne	pel							P	СВ		a)	ne
	raiailletei	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)					(ppb)						(ppm)						(ppb)					•
Detection	on Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
	Quality dard ³	*	0.0007	8.2	5.6	8.0	66	ı	ı	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	1	16	0.0006
sult ⁴	s	41.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	75.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	209	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/16	6/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Comr	nents						Re	moval	at Circ	ular Cais	sons					
	Т	ide												Fle	ood										
		Location												B ²	189										
Sam Loca		Upcurrent (Ambient)																I	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																300 ft	2					
Samp	le ID		051618-DBRI-F-U															05	1618-DB	RI-F-D					
Sample	Time		_			•	09:11								_				09:04		_			_	
		pəl							PC	СВ		o)	ne	pəl							PO	СВ		- O	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)						(ppm)					((ppb)					
Detection	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water C		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	1	ı	16	0.0006
ssult ⁴	S		NS																NS		-				
Analytical Result ⁴	М	61.3	3 ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В				•	•	NS	•			•								NS	•	•				

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/16	6/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity	SIDI	- Silt [Displac	ement		Comr	nents															
	-	ide													ood										
		Location												B	175										
San Loca	ition				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										650 ft ²	2					
Samp	ole ID					051	618-SIE	I-F-U										05	31618-SIE	I-F-D					
Sampl	e Time		051618-SIDI-F-U 09:51																09:30						
		pel							P	СВ	•	40	ne	pel							PO	СВ		(1)	ne
ore of		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)					(ppb)						(ppm)						(ppb)					•
Detection	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water (,	*	0.0007	8.2	5.6	8.0	66	ı	1	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	ı	16	0.0006
sult ⁴	s	42.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	33.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	199	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/16	6/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Com	nents						Remo	oval at	Triang	ular Ice B	reaker	r				
	Т	ide												Fle	ood										
		Location												B ^r	173										
Sam Loca					Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					0516	618-DBF	RT-F-U										05	1618-DBF	RT-F-D)				
Sample	Time						10:52												10:28						
		led							P	СВ		Φ	ne	led							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(ppb)		•				(ppm)						(ppb)	•				
Detection	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water G Stand		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	1	ı	ı	16	0.0006
ssult ⁴	S	78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	146	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/17	7/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt [Displac	ement		Comr	nents															
		ide													bb										
		Location												B1	175										
Sample Location Distance to						Upcu	rrent (A	mbien	t)									I	Downcuri	rent					
Distan Sou					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2						
Samp	le ID																05	1718-SID	I-E-D						
Sample	Time						08:54												08:33						
		þek							P	СВ		6	ne	per							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)		•	•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	I	0.1
Water G Stand	•	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006
esult ⁴	s	38.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	70.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity		JETT	- Jettin	g		Comr	nents															
		ide													ood										
		Location												B	176										
Sample Location Distance to						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distai Soເ					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2						
Samp	ole ID					0517	718-JET	W-F-U										05′	1718-JET	W-F-D	1				
Sampl	e Time						11:41												11:14						
		pel							P	СВ		a)	ne	pel							PO	СВ		(1)	ne
200	במומוופנפ	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)					(ppb)						(ppm)						(ppb)					•
Detection	on Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water Stand	Quality dard ³	*	0.0007	8.2	5.6	8.0	66	ı	1	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	ı	16	0.0006
sult⁴	s	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	188	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Comr	nents						Remo	oval at	Triang	ular Ice B	reaker					
	Т	ide												Fle	ood										
		Location												B ²	173										
San Loca	ition				Upcu	rrent (A	mbien	t)									l	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID	Approx. 500 - 1000 ft ¹ 051718-DBRT-F-U															05	1718-DBF	RT-F-D						
Sample	e Time						12:17												11:52					•	
		pəl							PC	СВ		0	ne	pəl							PO	СВ		o)	ne
o de la companya de l		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)					(ppb)						(ppm)						(ppb)					•
Detection	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water (,	*	0.0007	8.2	5.6	8.0	66	ı	1	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	ı	16	0.0006
sult ⁴	s	51.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	83.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	119	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ty	DBF	RI - Del	bris Re	moval		Comr	nents						Re	moval	at Circ	ular Cais	sons					
	Ti	ide												Fle	ood										
		Location												B ²	189										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										225 ft	2					
Samp	le ID					051	718-DBF	RI-F-U										05	1718-DB	RI-F-D	1				
Sample	Time						12:58												12:51						
er		ended	y		L			42		52 CB	90	ene	/rene	ended	y		L			42	т —	CB	09	ene	/rene
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)				ı		(ppm)						(ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0	•	*	0.0007	8.2	5.6	8.0	66	-			1	16	0.0006	*	0.0007	8.2	5.6	8.0	66			-	-	16	0.0006
sult ⁴	s						NS												NS						
Analytical Result ⁴	М	38.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/18	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Comr	nents															
		ide													bb										
		Location												B'	175										
Sam Loca	tion	ion Opcurrent (Ambient)														I	Downcuri	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID					051	818-SID	I-E-U										05	1818-SID	I-E-D					
Sample	Time						09:04												08:41						
		þek							P	СВ		6	ne	per							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		,			(ppb)			•		•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	I	0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006
esult ⁴	s	50.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	205	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/18	3/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B′	176										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					0518	318-JET	W-E-U										051	1818-JET	W-E-D	1				
Sample	Time						09:35												09:16						
		pek							P	СВ	1	σ	ne	ded							PC	В		Φ	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)		•	•		(ppb)			•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	I	0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006
esult ⁴	s	57.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	123	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/21	/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comr	nents															
		ide													bb										
		Location											-	B1	173										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					052	118-DBF	RI-E-U										05	2118-DBF	RI-E-D					
Sample	Time						12:29												12:07						
		þek							P	СВ		6	ne	per							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)			•		•	(ppm)		,		·	(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006
esult ⁴	s	43.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	55.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/22	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comr	nents															
		ide													bb										
		Location												B'	173										
Sam Loca	tion	Upcurrent (Ambient) Approx. 500 - 1000 ft ¹															I	Downcuri	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					052	218-DBF	RI-E-U										05	2218-DBF	RI-E-D					
Sample	Time						08:53												08:31						
		þek							P	СВ		_o	ne	hek							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			,		(ppb)			•		•	(ppm)		•			(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water G	-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	48.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	39.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	52.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/22	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B'	175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcuri	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID					052	218-JET	T-E-U										05	2218-JET	T-E-D					
Sample	Time						11:21												10:56						
		þek							P	СВ		6	ne	þek							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		,	•		(ppb)			•		•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water G	-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	304	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/23	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBR	RI - Del	bris Re	moval		Comr	nents						Remo	val at	Triang	ular Ice B	Breakei	r				
	Т	ide													bb										
		Location												B ²	178										
Sam Locat	-					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sour		Approx. 500 - 1000 ft ¹															500 ft ²	2							
Samp	le ID					0523	18-DBR	C-E-U	l									052	2318-DBR	RC-E-D)				
Sample	Time						09:39												09:20	ı					
		led							P	СВ		_o	ne	led							PC	СВ		ø,	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)					•	(ppm)					((ppb)					•
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water Q Stand	-	*	0.0007	8.2	5.6	8.0	66	1	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66		1	ı	ı	16	0.0006
esult ⁴	s	28.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	35.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/23	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comr	nents						Rer	noval	at Circ	ular Caiss	sons					
		ide													bb										
		Location												B'	189										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										180 ft ²	2					
Samp	le ID					0523	318-DBF	X-E-U										052	2318-DBF	RX-E-D	١				
Sample	Time						10:41												10:28						
		per							P	СВ		_o	ne	ped							PC	СВ		ø.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water C	•	*	0.0007	8.2	5.6	8.0	66	ı	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66		ı	ı	ı	16	0.0006
esult ⁴	s	46.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	179	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	55.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	291	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected as close to the turbidity curtain as practicable

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁵ Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

	Surve	ey Date												05/23	3/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B1	175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					0523	318-JET	W-E-U										052	2318-JET	W-E-D	1				
Sample	Time						11:24												11:01						
		þek							P	СВ		6	ne	per							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)			•		(ppb)		•	•	•	•	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water 0	-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	36.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	82.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/24	1/2018										
		y Type													sel Based										
C		ion Activ	ity		JETT	- Jettir	ıg		Comi	ments						·									
	Т	ide						l						FI	ood										
	Source	Location												В	176										
San Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou		Ce to Approx 500, 1000 ft ¹																	500 ft ²	2					
Samp	ole ID	052418-JETT-F-U																05	2418-JET	T-F-D					
Sample	e Time		052418-JETT-F-U 18:15																17:56						
														_							P	СВ	1	0	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detectio	on Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analytical Result⁴	М	107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	131	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	112	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/24	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	nents															
		ide													bb										
		Location												B ⁻	175										
Sample Location Distance to						Upcu	rrent (A	mbien	t)									[Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					052	418-SID	I-E-U										05	2418-SID	I-E-D					
Sample	Time						09:45												09:24						
		_								СВ		Ф	ne	_							r	СВ		9	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					(ppb)				<u> </u>	
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water C		*	0.0007	8.2	5.6	8.0	66		-			16	0.0006	*	0.0007	8.2	5.6	8.0	66			-	1	16	0.0006
ssult4	s	21.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	28.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	41.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												05/25	5/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstructi	ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	nents															
		ide													ood										
		Location												B [.]	175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					052	518-SID	I-F-U										05	52518-SIE	DI-F-D					
Sample	e Time						09:38												09:15						
									P	СВ	1	ø	ne								P	СВ	1	Φ	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (* 0.0007 8.2 5.6 8.0 66										16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	s	20 ND											ND	22.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	40.3	3 ND											41.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	46.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/29	9/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
	-	ide													ood										
		Location												B [.]	178										
San Loca	ition					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft	2					
Samp	ole ID					052	918-DBF	RI-F-U										05	2918-DBI	RI-F-D					
Sample	e Time						10:43												10:20	ı					
									P	СВ	1	Ф	ne								P	СВ	1	Φ	ne
Darameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)						(ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (* 0.0007 8.2 5.6 8.0 66										16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult⁴	s	25.8 ND											ND	24.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	40.3	ND	ND	ND	ND	ND	ND	ND	132	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Analy	В	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/29	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity		JETT	- Jettir	ıg		Com	nents															
		ide													bb										
		Location												B ⁻	175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					052	918-JET	T-E-U										052	2918-JET	T-E-D					
Sample	Time						14:08												13:48						
		75								СВ	ı	9	ane	75							r	СВ		Ð	ene
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					(ppb)				<u> </u>	
Detec Lim		Ambient + 100	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1			
Water C Stand		ity * 0,0007 8.2 5.6					66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	s	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	34.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	52.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/30)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Comr	nents															
	Т	ide												Е	bb										
		Location												B [.]	189										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									[Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	!					
Samp	le ID					0530	18-DBR	C-E-U										053	018-DBR	C-E-D	ı				
Sample	Time						13:18												13:07						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water C Stand		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66			-		16	0.0006
esult ⁴	s						NS												NS						
Analytical Result ⁴	М	38.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surv	ey Date												05/30	0/2018										
		y Type													sel Based										
C		ion Activ	ity	DBF	RI - De	bris Re	moval		Comi	ments															
	Т	ide												FI	ood										
	Source	Location												В	178										
San Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					053	018-DBF	RI-F-U										05	3018-DBF	RI-F-D					
Sample	e Time						09:16												08:50						
									P	СВ		ø	ne								P	СВ	1	Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	29 ND												40.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected

	Surv	ey Date												05/30	0/2018										
	Surve	y Type												V - Vess	sel Based										
C	onstruct	ion Activ	ity		JETT	- Jettir	ıg		Com	nents															
	Т	ide												Fl	ood										
		Location												B [.]	175										
San Loca	tion					Upcu	rrent (A	mbien	t)									!	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					053	018-JET	T-F-U										05	3018-JET	T-F-D					
Sample	e Time						10:06												09:45						
		_								СВ	ı	ø	ne	_								СВ	ı	Ð	ne
Darameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)				•		(ppm)						(ppb)					•
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	27.3 ND											ND	26.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	33.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

² Samples collected at the edge of the 500 ft mixing zone

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												05/3	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	on Activ	ity	DBF	RI - De	bris Re	moval		Com	ments															
	Т	ide												FI	ood										
		Location												В	189										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft	2					
Samp	le ID					0531	118-DBF	RC-F-U										053	3118-DBF	RC-F-D)				
Sample	Time						09:23												09:14						
									P	СВ		Ф	ne	_							PC	СВ		ø	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)						(ppm)				1		(ppb)				ı	
Detectio	n Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0		* 0.0007 8.2 5.6 8.0 66 1											0.0006	*	0.0007	8.2	5.6	8.0	66	-		1		16	0.0006
esult ⁴	s						NS								•				NS						
Analytical Result⁴	М	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS			•	•		•		•				NS	•	•				•

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												05/31	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													ood										
		Location												B [.]	179										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									!	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					053	118-DBF	RI-F-U										05	3118-DBI	RI-F-D					
Sample	Time						13:26												13:11						
		_							P	СВ		σ	ne	_							P	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)					(ppb)					•	(ppm)						(ppb)					•
Detectio	n Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-	-	16	0.0006
esult4	s	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М																	NS							
Analy	В	47.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surv	ey Date												05/31	1/2018										
		y Type													sel Based										
С		ion Activ	ity		JETT	- Jettir	ıq		Comi	nents															
		ide						l				l		FI	ood										
	Source	Location												B.	175										
San Loca						Upcu	rrent (A	mbien	t)									ļ	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										750 ft ²	2					
Samp	ole ID					053	118-JET	T-F-U										05	3118-JET	T-F-D					
Sampl	e Time						10:19												09:57						
									P	СВ		a)	ne	_							P	СВ		ø.	ne
Darameted		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)					(ppb)						(ppm)						(ppb)					
Detection	on Limit ³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water of Stand		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	25 ND											ND	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	35.3	3 ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	54.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

 $^{^{2}}$ Samples collected as close to edge of the 500 ft mixing zone as practicable $\,$

³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

⁻⁻ No detection limit or water quality standard

^{*} None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages