	Surv	ey Date												06/01	1/2018										
		y Type													sel Based										
С		ion Activ	ity		JETT	- Jettir	ng		Comi	ments															
	Т	ide						l				1		FI	ood										
	Source	Location												B [.]	175										
Sam Loca						Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					060	118-JET	T-F-U										06	0118-JET	T-F-D					
Sample	e Time						13:04												12:45						
									P	СВ		ø	ne								P	СВ	1	Ф	ne
rotomered		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	s	ND	ND	ND	ND	ND	ND	ND	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					
Analytical Result⁴	М	69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	95.5	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
- 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												06/04	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity		JETT	- Jettir	ng		Com	nents															
		ide													bb										
		Location												B ⁻	175										
Sample Location Distance to					Upcu	rrent (A	mbien	t)										Downcuri	rent						
Distance to Source						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Sample ID						060	418-JET	T-E-U										06	0418-JET	T-E-D					
Sample	Time			11:53												11:26									
		7								СВ	ı	9	ane	-								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)					
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
		*	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	13.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
rtical Re	Water Quality Standard ³ * 0.0007			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.4	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												06/04	4/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide												Е	bb										
		Location												B [.]	180										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	!					
Samp	le ID					060	418-DBF	RI-E-U										060	0418-DBF	RI-E-D					
Sample	Time						12:54												12:41						
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	1	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	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	26.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.2	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

	Surve	ey Date												06/05	5/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													bb										
		Location												B′	181										
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					0605	18-DBR	C-E-U	l									060)518-DBR	C-E-D					
Sample	Time						11:58												11:45						
		þek							P	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 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	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	16.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.4	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

	Surve	ey Date												06/06	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	g		Com	nents															
	Т	ide												E	bb										
		Location												B ^r	176										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					060	618-JET	T-E-U										06	0618-JET	T-E-D					
Sample	Time						09:40												09:09						
		pə							P	СВ			ne	pel							PO	СВ		4)	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	1	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	ı	16	0.0006
esult ⁴	s	11.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	22.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52	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												06/06	6/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		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					060	618-DBF	RI-F-U										06	0618-DBI	RI-F-D					
Sample	Time						12:13												11:58						
		pəl							P	СВ	•	40	ne	pel							PO	СВ	1	4)	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	1	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	-	16	0.0006
sult ⁴	s	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	24.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

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												06/07	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													bb										
		Location												B	182										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					060	718-DBF	RI-E-U										06	0718-DBF	RI-E-D					
Sample	Time						09:13												08:57						
		led							P	СВ		_O	ne	led							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	-	*	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
esult ⁴	s	27.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal	В	22.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.5	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
- 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												06/07	7/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity		JETT	- Jettin	ıg		Comr	nents															
		ide													bb										
		Location												B1	176										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	!					
Samp	le ID					060	718-JET	T-E-U										060	0718-JET	T-E-D					
Sample	Time						09:51												09:25						
		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	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	12	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	34.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	43.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.5	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												06/08	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ng		Comr	nents								Air lift	ing						
		ide													bb										
		Location												B'	175										
Sample Location Distance to						Upcu	rrent (A	mbien	t)									I	Downcuri	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID					060	818-JET	T-E-U										06	0818-JET	T-E-D					
Sample	Time						12:40												12:12						
		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 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	13.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.7	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	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

	Surv	ey Date												06/11	1/2018										
	Surve	у Туре						•					· · · · · · · · · · · · · · · · · · ·	V - Vess	sel Based					•	•	•	•		
Co	nstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Comr	ments															
		ide													bb										
		Location												B	167										
Sample Location Distance to						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹															500 ft ²	2							
Samp	le ID					061	118-DBF	RI-E-U										06	1118-DBF	RI-E-D					
Sample	Time						11:06												10:46						
		pep							P	СВ		ø	ne	pep							P	СВ		a	ne 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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		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	21.5	ND	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	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anal)	В	37.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42	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												06/12	2/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstructi	ion Activ	ity	DBF	RI - Del	bris Re	moval		Com	nents															
		ide													ood										
		Location												В	168										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									l	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					061	218-DBF	RI-F-U										06	1218-DBF	RI-F-D					
Sample	Time						10:36												10:16						
		pəl							P	СВ			ne	pel							P	В			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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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
sulf ⁴	s	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Resulf⁴	М	37	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	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.5	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												06/13	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide												E	bb										
		e Location Upcurrent (Ambient)												B	179										
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	061318-DBRI-E-U														06	1318-DBF	RI-E-D							
Sample	Time						14:29												14:07						
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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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					16	0.0006
ssult4	s	69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	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	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	53.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.5	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												06/14	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	ments															
	T	ide												FI	ood										
		Location												В	170										
Sam Locat	ion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					0614	18-DBR	C-F-U										06	1418-DBF	RC-F-D					
Sample	Time						09:14												08:50						
		pəl							P	СВ		a	ne	pel							PC	В	1	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	ո Limit ³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	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
esult⁴	s	35.3	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						NS												NS						
Analy	В	85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

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												06/18	3/2018										
	Surve	у Туре												V - Ves	sel Based										
C	onstruct	ion Activ	ity			nber Pi on Ren			Com	nents															
	Т	ide												FI	ood										
		Location												Bei	nt 29										
Sam Loca	ition				Upcu	rrent (A	mbien	t)									l	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										150 ft ²	2					
Samp	ole ID					061	818-TIP	C-F-U										06	1818-TIP	C-F-D					
Sample	e Time		061818-TIPC-F-U 14:53																14:37						
		_							P	В	1	o o	ne								PC	СВ	ı	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
Ur	nit	(ppm)					(ppb)				•		(ppm)						(ppb)					•
Detectio	n Limit ³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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	1		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	ND	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65	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.

	Surv	ey Date												06/18	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide												E	bb										
		Location												Ben	it 170										
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					061	818-DBF	RI-E-U										06	1818-DBF	RI-E-D					
Sample	Time						09:21												09:03						
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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05	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
esult ⁴	s	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	78	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
- $^{\rm 2}$ 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												06/19	9/2018										
	Surve	еу Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity			nber Pi on Ren	le Cap noval		Comi	nents															
	T	ide												E	bb										
		Location												Bei	nt 28										
Sam Loca	tion	ion Upcurrent (Ambient)																[Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹															500 ft ²	2							
Samp	le ID	061918-TIPC-E-U															06	1918-TIP	C-E-D						
Sample	Time		09:19																09:09						
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)					•
Detec Lim		Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05	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
ssult⁴	s		NS NS																NS						
Analytical Result ⁴	М	73.5	.5 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 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

	Surv	ey Date												06/19	9/2018										
		y Type													sel Based										
C		ion Activ	ity	DBF	RI - De	bris Re	moval		Comi	ments															
	Т	ide												FI	ood										
	Source	Location												Ben	it 175										
San Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					061	918-DBF	RI-F-U										06	1918-DBF	RI-F-D					
Sample	e Time						15:14												14:56						
		_							P	СВ		ø	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
Ur	nit	(ppm)					(ppb)						(ppm)						(ppb)					
Detectio	on Limit ³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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
esult ⁴	s	24.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	55.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	135	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.5	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												06/20	0/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity			nber Pi on Ren	le Cap noval		Comr	nents															
	Т	ide						•						Е	bb										
	Source	Location												Bei	nt 29										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID					062	018-TIP	C-E-U										06	2018-TIP	C-E-D					
Sample	Time						09:44												09:34						
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)					<u> </u>	(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	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
esult4	s		NS NS																NS						
Analytical Result⁴	М	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS		1				•		•			1	NS						

ND = Not Detected

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												06/20	0/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide												_	bb										
		Location												Ben	it 175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					062	018-DBF	RI-E-U										06	2018-DBF	RI-E-D					
Sample	Time						08:53												08:29						
		_								СВ		Ф	ne	_							r	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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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			-	-	16	0.0006
esult4	s	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	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												06/2	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			ber Pile on Ren			Comr	nents															
	Т	ide												E	bb										
	Source	Location												Bei	nt 31										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					062	118-TIP	C-E-U										06	2118-TIP	C-E-D					
Sample	Time						10:34												10:25						
		-								СВ		ө	ne	-							T -	СВ		е	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)					•
Detec Lim		Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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
esult ⁴	s	_					NS		_										NS						
Analytical Result⁴	М	33	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						NS												NS						

ND = Not Detected

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												06/2	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide												_	bb										
		Location												Ben	it 175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									[Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	!					
Samp	le ID					062	118-DBF	RI-E-U										062	2118-DBF	RI-E-D					
Sample	Time						09:37												09:10						
		_								СВ		ө	ne	_								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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	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	16	0.0006
ssult⁴	s	19.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	24.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	27.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57.5	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			7									06/25	5/2018										
	Surve	у Туре												V - Vess	el Based										
Cc	nstructi	ion Activ	ity	DBR	l - Del	oris Re	moval		Comr	nents															
	Ti	ide												Fi	ood										
		Location												Ben	t 175										
Sam Loca	tion					Upcui	rrent (A	nbien	1)									t	Downcur	rent					
Distan Sou	025539.500850					Аррго	x. 500 -	1000 fi	1										500 ft ²						
Samp	le ID					062	518-DBF	RI-F-U										062	2518-DBF	RI-F-D					
Sample	Time						08:53												08:28						
									PC	В		0	ne ne								PC	В		o.	9
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	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	20	0.1	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	**	0.1
Water (COUNTY IN		0.0007	8.2	5,6	8.0	66	*	*		**	16	0.0006	*	0.0007	8.2	5.6	8.0	66	•••	**	=	*	16	0.0006
ssulf*	s	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	37.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35,2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	969	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.5	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												06/25	5/2018										
	Surve	у Туре		_										V - Vess	el Based										
Co	nstructi	ion Activi	ty			ber Pil on Rem			Comr	nents															
	T	ide												Flo	ood										
		Location												Ber	nt 36										
Sam Locat	tion					Upcu	rrent (A	mbien	t)									ľ	Downcur	rent					
Distan Soul	200000000000000000000000000000000000000					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2,					
Samp	le ID					062	518-TIP	C-F-U										06	2518-TIP	C-F-D					
Sample	Time						10:09												09:53						a d
									PC	В			e .						3		PC	В		•	e e
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	0.05	3,7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	**	0.1
Water C	10.000000000000000000000000000000000000	*	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
sulf	s	67.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.5	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

	Surve	y Date												06/26	/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstructi	on Activi	ty			ber Pil on Ren			Comr	nents															
	Ti	de												E	bb										
		Location												Ber	nt 34										
Sam Local	ion					Upcu	rrent (A	mbient)										Downcur	rent					
Distan Soul						Appro	x. 500 -	1000 ft	1										500 ft ²						
Samp	e ID					062	618-TIP	C-E-U										06	2618-TIP	C-E-D					
Sample	Time						13:24												13:15						
								L.,	PC	В		0	Je				î				PC	В			92
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	ı Limit ³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	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	3	.	*	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	æ	÷	-	16	0.0006
sult4	s						NS	7								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			NS					71	
Analytical Result ⁴	м	28.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.7	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

- 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

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

Survey Date														06/26	/2018										
Survey Type														V - Vess	el Based										
Construction Activity					DBRI - Debris Removal Comments																				
		ide												Flo	bod										
Source Location					Bent 175																				
Sam Loca	tion		Upcurrent (Ambient)											Downcurrent											
Distan Sou				Approx, 500 - 1000 ft ¹										500 ft ²											
Samp	le ID	062618-DBRI-F-U										062618-DBRI-F-D													
Sample	e Time			08:45 08:25																					
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)											
Detectio	n Limit ³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	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
ssult ⁴	s	18.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	30,3	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	24.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.4	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

Survey Date														06/27	27/2018 ssel Based Flood ent 30														
Survey Type														V - Vess	el Based														
Construction Activity					TIPC - Timber Pile Cap Foundation Removal																								
	Ti	ide											Fle	ood															
Source Location														Ber	nt 30														
Sam Loca		Upcurrent (Ambient)										Downcurrent																	
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²															
Samp	łe ID			062	718-TIP	C-F-U						062718-TIPC-F-D																	
Sample	Time						10:25							10:00															
		Total Suspended Solids							PC	В		o l	e e								PC	В		0	<u>e</u>				
Parameter	Parameter		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	iit	(ppm)		(ppb)										(ppm)	(ppb)														
Detectio	n Limit³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	·=	0.1				
	Water Quality Standard ³		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	66.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Analytical Result ⁴	м						NS												NS										
Analy	В	57.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	81	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

Survey Date														06/28	3/2018										
Survey Type														V - Vess	el Based										
Construction Activity				TIPC - Timber Pile Cap Foundation Removal Comments																					
	Ti	de												Flo	ood										
Source Location														Ber	nt 30										
Sam Loça	tion			Upcurrent (Ambient)											Downcurrent										
Distan Sou						Appro	x. 500 -	1000 fi	1					600 ft ²											
Samp	le ID					062	818-TIP	C-F-U						062818-TIPC-F-D											
Sample Time					10:08 09:51																				
		Total Suspended Solids							PC	В			9								PC	В		٥	a n
Parameter	Parameter		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)											
Detectio	n Limit ³	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	4	0.1	Ambient + 100	0.05	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
	Water Quality Standard ³		0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006		0.0007	8.2	5.6	8.0	66) .	0.57	-	-	16	0.0006
ssulf*	s	33,8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS							NS											
Analy	В	41,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

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