	0	D-4-		1										11/01/	/2017										
		ey Date																							
		y Type		710.0								1		V - Vesse	el Based										
C		ion Activ	ity	TIDO	- Timbe	er Dolph	in Removal		Comi	nents															
		ide												Flo											
		Location												Bent	104										
Sam Loca	tion					Upc	urrent (Am	bient)											Downcur	rent					
Distar Sou			Approx. 500 - 1000 ft ¹																144 ft ²	2					
Samp	ole ID		110117-TIDO-F-U															110	0117-TID	O-F-D					
Sample	e Time	_	09:17													_	_	_	09:01	-	_	_	_		
																					P	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
Ur	nit	(ppm)					(р	pb)					•	(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	1	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-			1	16	0.0006
esult ⁴	s	17.3 ND											ND	26.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	ND
Analytical Result⁴	М											NS													
Analy	В	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.8	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 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												11/02	/2017										
	Surve	у Туре												V - Vess	el Based										
Co	onstruct	ion Activ	ity	TIDO	- Timbe	r Dolphi	in Removal		Com	nents															
	-	ide												Flo											
		Location												Bent	115										
Sam Loca	tion					Upcı	urrent (An	nbient)									ı	Downcur	rent					
Distan Sou						Appro	ox. 500 - 1	000 ft	1										240 ft ²	2					
Samp	le ID					110)217-TIDC)-F-U										11	0217-TID	O-F-D					
Sample	Time						09:00						_						08:49						
									P	СВ	1	Ф	ne	_							P	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	iit	(ppm)					(r	pb)						(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		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	32.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Anal)	В	47.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	108	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 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												11/02	2/2017										
	Surve	у Туре												B - Bar	ge Based										
Co	onstruct																								
		ide													ood										
		Location												Ben	it 181										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID	110217-JETT-F-U																11	0217-JET	T-F-D					
Sample	Time						09:36												09:21						
																					P	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
Ur	it	(ppm)					(ppb)					•	(ppm)			U		((ppb)					<u> </u>
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	-	1	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
esult ⁴	s	16.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	62.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75	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												11/02	2/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstructi	ion Activ	ity	SIDI	I - Silt I	Displac	ement		Com	nents															
		ide													ood										
		Location												Ben	it 183										
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	110217-SIDI-F-U																11	10217-SIE	DI-F-D					
Sample	Time	11:25																	11:12	!					
		_							P	СВ	1	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
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	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	18.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	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												11/03	3/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		JETT	- Jettir	ng		Com	nents				P	Ambient d	ata fro	m SID	l (sam	e location	and ti	me fra	me)			
		ide												E	bb										
		Location												Ben	t 181										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcuri	rent					
Distar Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	!					
Samp	le ID					110	317-SID	I-E-U										110	0317-JET	T-E-D					
Sample	Time		13:03																13:26						
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)					
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	-		-	1	16	0.0006
esult ⁴	s	27.4	.4 ND N											40.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	41	ND N												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												11/03	3/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	ments															
	Т	ide												E	bb										
	Source	Location												B.	166										
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					110	317-SID	I-E-U										11	0317-SID	I-E-D					
Sample	Time						13:04												12:49						
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	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
esult ⁴	s	27.4	ND N											28.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	41	ND											65.3	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

	Surve	ey Date												11/03/2	2017										
	Surve	у Туре											\	/ - Vessel	Based										
C	onstruct	ion Activ	ity	TIDC) - Tim	ber Do	lphin Removal		Com	ments															
	Т	ide												Flood	d										
		Location												B112	2										
Sam Loca	tion					Up	ocurrent (Amb	ient)										ı	Downcur	rent					
Distar Sou						Ap	prox. 500 - 100	00 ft ¹											115 ft ⁶	2					
Samp	le ID		110317-TIDO-F-U															11	0317-TID	O-F-D					
Sample	Time				09:58						09:45														
		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	iit	(ppm)					(ppl	b)						(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
sult⁴	s	89	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND	ND	104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS								NS										
Analy	В	97.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	153	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 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												11/03	3/2017										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ			nber Fo			Com	nents																
	Т	ide												FI	ood										
	Source								Ben	it 172															
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										450 ft ²	2					
Samp	ole ID					110	317-TIF	R-F-U										11	0317-TIF	R-F-D					
Sample	e Time						11:36												11:14						
									P	СВ	ı	σ.	ne								PO	СВ	ı	σ.	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)				J.	
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analytical Result⁴	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analy	В	59.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.3	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 edge of the 500 ft mixing zone as possible given site conditons.

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												11/06	6/2017										
	Surve	у Туре												V - Ves	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ıg		Com	ments															
	T	ide												FI	ood										
		Location												В	182										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID	110617-JETT-F-U																11	0617-JET	T-F-D					
Sample	Time						10:04												09:47						
		pəl							P	СВ		a)	ne	pəl							PC	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
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	-	-	-		16	0.0006
esult ⁴	s	125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	174	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	159	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	193	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												11/06	6/2017										
	Surve	у Туре												V - Ves	sel Basec										
Co	onstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	ments															
	Т	ide												FI	ood										
		Location												В	184										
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		110617-SIDI-F-U															11	10617-SIE	I-F-D					
Sample	Time						10:34												10:14						
		pəl							P	СВ	1		ne	pəl							P	В		40	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)					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	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	1		16	0.0006
esult ⁴	s	133	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analı	В	195	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

ND = Not Detected

	Surv	ey Date												11/06	6/2017										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity	TID		nber D moval	olphin		Com	nents															
	Т	ide												Fl	ood										
		Location												Bei	nt 95										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																170 ft	2						
Samp	ole ID	110617-TIDO-F-U															11	0617-TID	O-F-D						
Sample	e Time		09:18																08:59						
																					PC	СВ			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	(bbm) (bbp) (bbp)																		(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	1	1	1		16	0.0006	*	0.0007	8.2	5.6	8.0	66				-	16	0.0006
esult4	s	134 ND											ND	163	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Anal	В	147	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	155	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 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												11/07	7/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ng		Com	ments															
	Т	ide												E	bb										
	Source	Location												В	184										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	?					
Samp	le ID		110717-JETT-E-U															110	0717-JET	T-E-D					
Sample	Time		14:32																14:18						
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		*	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
esult ⁴	s	19.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	27.8	ND	ND											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												11/07	7/2017										
	Surve	у Туре												V - Ves	sel Basec										
Co	nstruct	ion Activ	ity	SIDI	- Silt	Displac	ement		Com	ments															
	Т	ide												FI	ood										
		Location												В	183										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									- 1	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID		110717-SIDI-F-U															11	10717-SIE)I-F-D					
Sample	Time						12:25												12:11						
		pəl							P	СВ		a)	ne	pəl							PC	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
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	-	-	-	-	16	0.0006
esult ⁴	s	78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS NS																NS						
Anal	В	162	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73	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												11/07	7/2017										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity	TID		mber D moval	olphin		Comr	nents															
	Т	ide												FI	ood										
		Location												Ben	it 109										
San Loca	ition	Upcurrent (Ambient)															l	Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft ¹																	150 ft ²	2					
Samp	ole ID					110	717-TID	O-F-U										11	0717-TID	O-F-D					
Sample	e Time						09:50												09:32						
									PC	В		σ.	ne								PC	СВ	ı	σ.	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)				J.	•
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	-	0.1
Water of	-	*	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
esult ⁴	s	44.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND
Analytical Result⁴	М						NS												NS						
Anal)	В	72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.2	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 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

	Surve	ey Date												11/08	8/2017										
	Surve	у Туре												V - Ves	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ıg		Com	ments															
	Т	ide												FI	ood										
		Location												В	184										
Sam Loca	tion	Upcurrent (Ambient)																	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID	110817-JETT-F-U																11	0817-JET	T-F-D					
Sample	Time						09:47												09:33						
		pəl							P	СВ		a)	ne	pəl							PC	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
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	-	-	-	-	16	0.0006
esult ⁴	s	41.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	53	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

	Surve	ey Date												11/08	3/2017										
	Surve	у Туре												V - Vess	sel Based										
С	onstructi	tion Activity SIDI - Silt Displacement Comments Tide																							
															ood										
		Upcurrent (Ambient)												Ben	t 171										
San Loca	ition	· · · ·																Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	ole ID					110	817-SID	I-F-U										11	10817-SIE	DI-F-D					
Sampl	e Time						12:49												12:25	;					
		_							P	СВ		o o	ne	_							P	СВ		ø	ne
Darage		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		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
esult⁴	s	98.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	93.5	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	161	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	115	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												11/08	3/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	on Activ	ity	TID		nber D moval	olphin		Comi	nents															
	Т	ide												FI	ood										
		Location												Bei	nt 94										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																216 ft ²	2						
Samp	le ID	110817-TIDO-F-U																11	0817-TID	O-F-D					
Sample	Time		10:54																10:24						
									P	СВ	1	Ф	ne	_							PC	В		σ.	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)			U		(ppb)					L
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 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	46.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND
Analytical Result⁴	М		NS																NS						
Anal	В	47.7	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 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

	Surv	ey Date												11/09/	2017										
	Surve	у Туре												V - Vesse	Based										
Co	onstruct	ion Activ	ity	TIDO	- Timb	er Dolp	hin Removal		Com	ments															
		ide												Ebl											
		Location												Bent '	105										
Sam Loca						Upo	current (Am	bient)										[Oowncuri	rent					
Distar Sou						App	rox. 500 - 10							150 ft ²	!										
Samp	ole ID					11	10917-TIDO-	E-U										110)917-TID	O-E-D					
Sample	e Time						08:52												08:40						
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)					(pr	ob)				•		(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	54.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.3	ND	ND	ND	ND	71	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 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
- ⁷ 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
- 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												11/09	9/2017										
	Surve	у Туре												V - Vess	sel Based	l									
Co	nstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	ments															
	Т	ide												E	bb										
	Source	Location												B.	168										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID		110917-SIDI-E-U															11	0917-SID	I-E-D					
Sample	Time						09:18												09:04						
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	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	42.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	69	ND												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												11/09	9/2017										
	Surve	у Туре												V - Ves	sel Basec										
Co	onstruct	ion Activ	ity		JETT	- Jettir	ıg		Com	ments															
	T	ide												FI	ood										
		Location												В	184										
Sam Loca	tion	Upcurrent (Ambient)																- 1	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID	110917-JETT-F-U																11	0917-JET	T-F-D					
Sample	Time						12:25												12:14						
		pəl							P	СВ		0	ne	pəl							PC	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
Un	iit	(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 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
ssult ⁴	s	21.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analı	В	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	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												11/10/	2017										
	Surve	у Туре												V - Vesse	l Based										
Co	nstruct	ion Activ	ity	TIDO	- Timbe	er Dolph	in Removal		Com	nents				20-40m	ph wind.	Ambie	nt colle	ected la	aterally fro	om act	ivity du	ie to sa	afety		
	Т	ide												Eb	b										
		Location												Bent	74										
Sam Loca						Upc	urrent (Am	bient)										[Downcur	rent					
Distan Sou						Аррі	ox. 500 - 1	000 ft ¹											100 ft ²	2					
Samp	le ID					11	1017-TIDO	-E-U										11	1017-TID	O-E-D					
Sample	Time						10:26												10:21						
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)		•			(p	pb)						(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		-	1	ı	16	0.0006
esult4	s						NS												NS						
Analytical Result⁴	М	73.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В			-			NS												NS						

- ¹ Samples collected at a location lateral 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

	Surv	ey Date												11/13	3/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	SIDI	- Silt I	Displac	ement		Com	ments															
	Т	ide												E	bb										
	Source	Location												В	178										
Sam Loca						Upcu	rrent (A	mbien	t)									ſ	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID		111317-SIDI-E-U															11	1317-SID	I-E-D					
Sample	Time		10:16																10:02						
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		*	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
esult ⁴	s	19.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	19.5	ND												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												11/13/	2017										
	Surve	у Туре												V - Vesse	l Based										
Co	nstruct	ion Activ	ity	TIDO	- Timb	er Dolph	nin Removal		Com	nents															
	Т	ide												Eb	b										
		Location												Bent	127										
Sam Loca						Upc	urrent (Am	bient)											Downcuri	rent					
Distan Sou						App	rox. 500 - 1	000 ft ¹											120 ft ²	!					
Samp	le ID		111317-TIDO-E-U															11	1317-TID	O-E-D					
Sample	Time						09:18												09:01						
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)					(р	pb)						(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	1	-		1	16	0.0006
esult⁴	s	30.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.5	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 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												11/14	1/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ng		Com	ments															
	Т	ide												E	bb										
	Source	Location												В	185										
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	111417-JETT-E-U															11	1417-JET	T-E-D						
Sample	Time						09:18												09:02						
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		*	0.0007	8.2	5.6	8.0	66	-	-	-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	-	16	0.0006
esult ⁴	s	18.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.5	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												11/1	4/2017										
	Surve	у Туре												V - Ves	sel Based										
Co	nstruct	ion Activ	ity	TID		nber Do moval	olphin		Comr	nents															
	Т	ide												Е	bb										
		Location												Ber	nt 130										
Sam Loca	tion					Upcui	rent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										150 ft ²	2					
Samp	le ID					1114	17-TID	O-E-U										11	1417-TID	O-E-D					
Sample	Time						10:08												09:50						
		_							P	В	r	Ф	ne	_							PC	В		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 C	-	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66		1	-	1	16	0.0006
esult ⁴	s	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.3	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 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

	Surve	ey Date												11/15	5/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ng		Com	nents															
	Т	ide												E	bb										
	Source	Location												В	181										
Sam Loca						Upcu	rrent (A	mbien	t)									ſ	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	?					
Samp	le ID				111	517-JET	T-E-U										11	1517-JET	T-E-D						
Sample	Time		11:05																10:49						
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	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	-	16	0.0006
esult ⁴	s	14.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М			NS															NS						
Anal	В	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.5	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												11/15	5/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	on Activity TIDO - Timber Dolphin Removal Comments																							
	Т	ide						-				-		FI	ood										
		Location												Ben	t 132										
Sam Loca	tion	Upcurrent (Ambient)																ı	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	135 ft ²	2					
Samp	le ID					111	517-TID	O-F-U										11	1517-TID	O-F-D					
Sample	Time						09:26												09:08						
									P	СВ			Je								PC	СВ		•	Je
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 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	-	16	0.0006
esulf⁴	s	17.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.3	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 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												11/16	5/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	TID		nber D moval	olphin		Comi	ments															
	Т	ide						-				-		Fl	ood										
		Location												Ben	it 134										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	180 ft ²	2					
Samp	le ID					111	617-TID	O-F-U										11	1617-TID	O-F-D					
Sample	Time						09:10												08:53	,					
									P	СВ			ле								PC	В			Je
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 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 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
sulf ⁴	s	23.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	47.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.4	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 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

	Surv	ey Date												11/17	7/2017										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		JETT	- Jettir	ng		Com	nents															
	Т	ide												FI	ood										
		Location												Ben	ıt 181										
Sam Loca	tion	Upcurrent (Ambient)																	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID					111	717-JET	T-F-U										11	1717-JET	T-F-D					
Sample	Time						09:00												08:45	i					
									P	СВ		Ф	ne	_							P	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
Ur	nit	(ppm)					(ppb)						(ppm)			1		((ppb)			1		
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	17.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS						_						NS						
Analy	В	43.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.8	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
- 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												11/17	7/2017										
		y Type													sel Based										
С		ion Activ	ity	SID	I - Silt I	Displac	ement		Comi	ments															
	Т	ide						1				1		FI	ood										
	Source	Location												Ben	it 179										
San Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	ole ID					111	717-SID	I-F-U										11	1717-SIE	I-F-D					
Sample	e Time						09:42												09:12						
		_							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	0.07	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
esult ⁴	s	12.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.4	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	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.6	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												11/17	7/2017										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity	TID		nber D moval	olphin		Comi	ments															
	Т	ide												FI	ood										
		Location												Ben	nt 136										
Sam Loca						Upcu	rrent (A	mbien	t)									!	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										150 ft ²	2					
Samp	ole ID					111	717-TID	O-F-U										11	1717-TID	O-F-D					
Sample	e Time						10:22												10:03						
		_							P	СВ		o.	ne								P	СВ		o	ne
Totomered		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	ı	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	1	-	-	16	0.0006
esult ⁴	s	28.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.8	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 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

	Surve	ey Date												11/20)/2017										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		JETT	- Jettin	g		Comr	nents															
	Т	ide												FI	ood										
		Location												Ben	it 181										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou					Appro	x. 500 -	1000 f	t ¹										500 ft ²	!						
Samp	le ID				112	017-JET	T-F-U										11	2017-JET	T-F-D						
Sample	Time						12:46												12:32						
		peq							PC	СВ			ne	pəp							PC	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)					•
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	ı	1	16	0.0006
esult4	s	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	52.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.3	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												11/20	0/2017										
	Surve	у Туре												V - Ves	sel Based	d									
C	onstruct	ion Activ	ity	TID		nber D moval	olphin		Comi	ments															
	Т	ide						-						FI	ood										
	Source	Location												Ber	nt 150										•
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										95 ft ²						
Samp	ole ID					112	017-TID	O-F-U										11	2017-TID	O-F-D					
Sample	e Time						09:46												09:28						
		pəl							P	СВ			ne	pəl							P	СВ			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	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-			ı	16	0.0006		
esult ⁴	s	103 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						NS					-							NS						
Analy	В	134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	72	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

	Surv	ey Date												11/2	1/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	on Activity TIDO - Timber Dolphin Removal Comments																						
	Т	ide												Fl	ood										
		Location												Bei	nt 60										
Sam Loca	tion	Upcurrent (Ambient)															l	Downcur	rent						
Distan Sou		Approx. 500 - 1000 ft ¹																	225 ft ²	2					
Samp	ole ID					112	117-TID	O-F-U										11	2117-TID	O-F-D					
Sample	e Time						10:36												10:22						
									P	В		0	ne								PC	В		σ.	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	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 (-	*	0.0007	8.2	5.6	8.0	66	1	1	1		16	0.0006	*	0.0007	8.2	5.6	8.0	66			-	1	16	0.0006
esult⁴	s	48.3	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		NS																NS						
Analy	В	55.3	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 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

	Surv	ey Date												11/2	1/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		JETT	- Jettir	ng		Com	nents															
		ide													ood										
		Location												Ben	it 181										
Sam Loca	tion	Upcurrent (Ambient)																	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID	112117-JETT-F-U																11	2117-JET	T-F-D					
Sample	Time						09:48												09:19						
		_							P	СВ		σ	ne	_							P	В		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)					
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 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	39.7	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 Result⁴	М						NS												NS						
Anal	В	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	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												11/22	2/2017										
	Surve	у Туре												V - Ves	sel Basec										
Co	onstruct	ion Activ	ity		JETT	- Jettir	ıg		Com	ments															
	Т	ide												FI	ood										
		Location												В	166										
Sam Loca	tion	Upcurrent (Ambient)																	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	le ID					112	217-JET	T-F-U										11	2217-JET	T-F-D					
Sample	Time						13:32												13:18						
		pəl							P	СВ		a)	ne	pəl							PC	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
Un	iit	(ppm)					(ppb)						(ppm)					(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 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
ssult ⁴	s	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analı	В	50.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.5	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												11/2	2/2017										
	Surve	у Туре												V - Ves	ssel Base	d									
Co	onstruct	ion Activ	ity	TIDO		iber Do noval	lphin		Comi	ments															
	Т	ide												F	lood										
	Source	Location												E	3153										
Sam Loca						Upcur	rent (A	Ambie	nt)									ı	Downcur	rent					
Distan Sou						Approx	c. 500 -	- 1000	ft ¹										120 ft ²	2					
Samp	ole ID					1122	17-TIE	0-F-L	J									11	2217-TID	O-F-D					
Sample	e Time						09:08	3											08:53						
		_							P	СВ	ı	o o	ne								P	СВ	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	nit	(ppm)					U	(ppb)				•		(ppm)						(ppb)					
Detectio	Unit Petection Limit ³		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
sulf ⁴	s	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Resulf⁴	М						NS						•						NS						•
Analy	В	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.7	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 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

	Surve	y Date												11/24	/2017										
	Surve	у Туре												V - Vesse	el Based										
Co	nstructi	on Activi	ty	TII		mber E emoval	Oolphin		Comi	ments															
	Ti	de												Flo	od										
		Location												В6	30										
Sam Loca						Upc	urrent (A	mbient	t)									I	Downcur	rent					
Distan Sou						Аррі	rox. 500 -	1000 ft	.1										150 ft ²	2					
Samp	le ID		112417-TIDO-F-U															11	2417-TID	O-F-D					
Sample	Time						09:58												09:37						
		_							P	СВ		Ф	ne	_							PC	СВ		Ð	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	Unit Detection Limit ³		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					16	0.0006
sulf ⁴	s	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tical Re	S 19 ND ND ND ND ND ND ND N									•		•	•	•		NS	•	•	•	•		•			
Analy	B 19.3 ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	67.7	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 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												11/27	7/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ng		Com	ments															
	Т	ide												E	bb										
	Source	Location												B.	166										
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					112	717-JET	T-E-U										11:	2717-JET	T-E-D					
Sample	Time						09:31												09:14						
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	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	8.8	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						NS												NS						
Analy	Analyti B		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.3	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

	Surv	ey Date												11/27	7/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	TID		nber D moval	olphin		Comi	ments															
	Т	ide												Е	bb										
		Location												B [,]	142										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										120 ft ²	2					
Samp	le ID					112	717-TID	O-E-U										11:	2717-TID	O-E-D					
Sample	Time						10:19												10:03						
		_							P	СВ	1	Ф	ne								P	СВ	_	o 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)					
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		1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-			1	16	0.0006
esult ⁴	s	13.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	16.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.8	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 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

	Surve	ey Date												11/28	3/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity		JETT	- Jettir	ng		Com	ments															
	Т	ide												E	bb										
	Source	Location												B.	166										
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					112	817-JET	T-E-U										11:	2817-JET	T-E-D					
Sample	Time						09:09												08:55						
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	ı	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
esult ⁴	s	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	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

	Surve	y Date												11/28	3/2017										
	Surve	у Туре												V - Vess	el Based										
Co	nstructi	on Activi	ty	TID		mber D moval	olphin		Comi	ments															
	Tie	de												E	bb										
		_ocation												B1	142										
Sam Loca						Upcı	urrent (A	Ambier	nt)									[Downcur	rent					
Distan Sou						Appr	ox. 500 -	- 1000	ft¹										200 ft ²	2					
Samp	le ID					11:	2817-TIE	00-E-U	J									11:	2817-TID	O-E-D					
Sample	Time						09:38	3											09:23						
		_								СВ		е	ne	_								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	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	-	*	7E-04	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	15.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	_					NS						_		_				NS					_	_
Analy	В	17.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	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 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												11/29	/2017											
	Surve	у Туре												V - Vess	el Based										
C	onstruct	ion Activ	ity	TIE		mber E emoval	Oolphin		Comi	ments															
	T	ide												El	ob										
	Source	Location												В1	56										
Sam Loca	tion					Upcı	ırrent (Ar	nbient)										Downcur	rent					
Distar Sou						Appro	ox. 500 - 1	1000 ft	1										155 ft ²	2					
Samp	ole ID					112	917-TIDC)-E-U										112	2917-TID	O-E-D					
Sample	e Time						09:07												08:51						
	ter s									СВ		ө	ne	_								СВ		ө	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)		•	•		()	pb)						(ppm)		•			(ppb)		•			
Detec Lin		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	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	12.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.1	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 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

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

	Surv	ey Date												11/30	0/2017										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	TID		nber D moval	olphin		Comr	nents															
	Т	ide												E	bb										
		Location												Ben	it 158										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										175 ft ²	2					
Samp	le ID	113017-TIDO-E-U																11	3017-TID	O-E-D					
Sample	Time						09:18												08:57						
									P	СВ	r	Ф	ne	_							P	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	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	-	1	1		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	1	-	1	16	0.0006
esult⁴	s	21.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
rtical Ro	S 21.4 ND ND ND ND ND ND ND N																NS								
Analy	В	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.7	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 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