	Surve	ey Date												10/01	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity		JETT	- Jettir	g		Comr	ments															
	Ti	ide						•						E	bb										
		Location												В	171										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					100	118-JET	T-E-U										10	0118-JET	T-E-D					
Sample	Time		08:59																08:43						
														pə							P	СВ		_	l 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)					
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	-	-			16	0.0006
sult4	s	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М						NS												NS						
Analy	В	40.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/01	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity	DBF	RI - De	bris Re	moval		Comi	ments															
	Ti	ide										E	bb												
		Location												В	168										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					100	118-DBF	RI-E-U										10	0118-DBI	RI-E-D					
Sample	Time						09:31												09:15						
		pə							P	СВ			_ e	pə							P	СВ		_	l 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)					
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					16	0.0006
sult4	s	35	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	45.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.5	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/01	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Com	nents															
	Т	ide												E	bb										
		Location												В	77										
Sam Loca						Upcu	rrent (A	mbien	t)									İ	Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					100	118-TIP	C-E-U										10	0118-TIP	C-E-D					
Sample	Time						10:23												10:09						
		pa							PO	В			e e	pa							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)	•				
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					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	s						NS					•							NS						
Analytical Result <sup>4</sup>	М	23	ND N												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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/01	/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	SIDI	- Silt I	Displac	ement		Comr	nents																
	Т	ide						•						Е	bb										
		Location												B	172										
Sam Locat					Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distan Sour						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	!					
Samp	le ID					100	118-SIE	I-E-U										10	0118-SID	I-E-D					
Sample	Time						11:11												10:46						
		pa							P	СВ				pə							PO	СВ		_	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)					
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					16	0.0006	*	0.0007	8.2	5.6	8.0	66				-	16	0.0006
ssult <sup>4</sup>	s	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	22.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/02	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	SIDI	- Silt [	Displac	ement		Comi	nents																		
	Ti					•						E	bb												
		Location												В	172										
Sam Loca				Upcu	rrent (A	mbien	t)									I	Downcur	rent							
Distan Sou				Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2							
Samp	le ID					100	218-SID	I-E-U										10	00218-SIE	I-E-D					
Sample	Time						08:50												08:31						
		pə							P	В				pə							P	СВ		_	
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					16	0.0006
sult4	s	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S 12.5 ND  W 15.8 ND  AD  B 24.8 ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	30.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	24.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/02	2/2018										
	Surve	у Туре												V - Vess	sel Based	i									
Co	nstructi	ion Activ	ity	DBF	RI - De	bris Re	moval		Comi	nents															
	Ti	ide												E	bb										
		Location												В	167										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Soul						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID			100	218-DBF	RI-E-U										10	0218-DBI	RI-E-D							
Sample	Time						09:13												09:00						
		pə							P	В			_ e	pə							P	СВ		_	
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	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
sult <sup>4</sup>	s	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М						NS												NS						
Analy	В	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/02	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Com	nents															
	Т	ide												E	bb										
		Location												В	72										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Soul						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					100	218-TIP	C-E-U										10	0218-TIP	C-E-D					
Sample	Time						10:09												09:58						
		pa							PO	В			_ e	pa							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)	•				
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				-	16	0.0006	*	0.0007	8.2	5.6	8.0	66				1	16	0.0006
sult4	s						NS												NS						
Analytical Result <sup>4</sup>	М	20.8	ND N												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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/02	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity		JETT	- Jettir	ıg		Comi	ments															
	Т	ide									-			E	bb										
<u> </u>		Location												В	171										
Sam Locat	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Soui					Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	!						
Samp	le ID					100	218-JET	T-E-U										10	0218-JET	T-E-D					
Sample	Time		11:30																11:14						
		pa							P	СВ			Je J	pə							PC	СВ			l 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)					
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					16	0.0006	*	0.0007	8.2	5.6	8.0	66		1			16	0.0006
esult4	s	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М						NS												NS						
Anal	В	35.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.3	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/03	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	SIDI	- Silt [	Displac	ement		Com	ments															
	Т	ide						•						Е	bb										
		Location											B <sup>,</sup>	172											
Sam Loca	tion				Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distan Sou					Appro	x. 500 -	1000 1	t¹										500 ft <sup>2</sup>	2						
Samp	le ID					100	318-SIE	I-E-U										10	0318-SIE	I-E-D					
Sample	Time						09:35												09:04						
		pə							P	СВ				pə							PC	В		_	
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	(ppb)						(ppm)					. (	ppb)					•
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66		1			16	0.0006
sult4	s	10.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В	34.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/03	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren	le Cap noval		Comi	nents															
	Т	ide												E	bb										
<u> </u>		Location												В	882										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2					
Samp	le ID		100318-TIPC-E-U															10	0318-TIP	C-E-D					
Sample	Time						11:15												11:04						
		pə							P	СВ			Je	pə							PO	СВ			_ 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)	•				
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	-			-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
sult4	s			NS							NS														
Analytical Result <sup>4</sup>	М	35.4	4 ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		•			•	NS	•		•			•		•	•	•		NS			•			

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/03	3/2018										
	Surve	у Туре												V - Ves	sel Based										
Co	nstructi	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Ti	ide						•						Е	bb										
		Location												В	168										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Soul					Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2						
Samp	le ID					100	318-DBF	RI-E-U										10	0318-DBI	RI-E-D					
Sample	Time						13:27												13:13						
		pə							P	СВ			_ e	pə							P	СВ			_ 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)	•				
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		-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-		16	0.0006
sult4	s	15.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М						NS												NS						
Analy	В	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/04	4/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity		JETT	- Jettir	g		Comr	nents															
	Ti	ide						•						E	bb										
		Location												В	171										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou					Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2						
Samp	le ID					100	418-JET	T-E-U										10	0418-JET	T-E-D					
Sample	Time						08:58												08:42						
		pə							P	В			_ e	pa							P	СВ		_	_ 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)	•				
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	-				16	0.0006
sult4	s	16.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	25.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.6	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/04	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	uction Activity SIDI - Silt Displacement Comments  Tide																							
	Т	ide Location												Е	bb										
		CE Location  Upcurrent (Ambient)												B <sup>,</sup>	172										
Loca	Sample																	I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 1	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					100	418-SIE	I-E-U										10	0418-SIE	I-E-D					
Sample	Time						10:40												10:12						
		pə							P	СВ				pə							PC	В		_	
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					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	s	11.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	44.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	25.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												10/04	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity			nber Pi on Ren			Comi	nents															
	Т	ide												E	bb										
		Location												В	84										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					100	418-TIP	C-E-U										10	0418-TIP	C-E-D					
Sample	Time						11:54												11:43						
		pa							P	СВ			ne	pa							PC	СВ		_	Je J
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	(ppb)						(ppm)						(ppb)	•				
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	-			-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
sult4	s						NS												NS						
Analytical Result⁴	М	22	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		<u> </u>				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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/04	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activi	ity	DBF	RI - De	bris Re	moval		Comi	nents															
	Ti	ide						•						E	bb										
		Location												В	170										
Sam Loca			Upcurrent (Ambient)															I	Downcur	rent					
Distan Soui			Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2					
Samp	le ID		100418-DBRI-E-U															10	0418-DBI	RI-E-D					
Sample	Time			14:04															13:49						
		pa				_ e	pa							P	СВ		_	_ 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)	•				
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		-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	s	22	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М		NS NS																NS						
Analy	В	40.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.8	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/0	5/2018										
	Surve	у Туре												V - Ves	sel Basec	I									
C	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide												FI	ood										
		Location												В	170										
Sam Loca			Upcurrent (Ambient)																Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2						
Samp	ole ID	100518-DBRI-F-U																10	0518-DBI	RI-F-D					
Sample	e Time		08:41																08:28	1					
		pel																			P	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
Un	nit	(ppm)			•		(	ppb)			•			(ppm)		•	•	•		(ppb)					•
Detectio	n Limit <sup>3</sup>	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 (	- 1	*	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	22.5 ND											ND	26.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS NS																NS						
Analy	В	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/05	5/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	n Activity SIDI - Silt Displacement Comments																						
	T	ide	de												ood										
		Location													172										
Sam Loca		Upcurrent (Ambient)																Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft <sup>1</sup>																	500 ft <sup>2</sup>	2					
Samp	ole ID					100	518-SIE	I-F-U										10	)0518-SIE	DI-F-D					
Sample	e Time						09:32												09:12						
		pel							PC	В			Je L	pel							P	СВ			eu eu
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 Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	ı	0.1
Water (		*	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	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	32.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	38.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/08	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity		JETT	- Jettin	g		Comi	nents															
	Т	ide						•						Fl	ood										
		Location												В	171										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID		Approx. 500 - 1000 ft <sup>1</sup> 100818-JETT-F-U															10	0818-JET	T-F-D					
Sample	Time						09:55												09:31						
		pəl							P	СВ			ne	pəl							PC	В			Je L
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 <sup>3</sup>	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		-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-			16	0.0006
ssult4	s	59         ND         ND<										89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Analytical Result <sup>4</sup>	М	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	339	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/08	3/2018										
	Surve	у Туре												V - Ves	sel Based										
C	onstruct	ion Activi	ity			ber Pil on Ren			Com	nents															
	T	ide												FI	ood										
		Location												В	85										
Sam Loca	ition		Upcurrent (Ambient)																Downcur	rent					
Distar Sou			Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2					
Samp	ole ID		100818-TIPC-F-U															10	0818-TIP	C-F-D					
Sample	e Time		10:42																10:28	1					
		pe																			P	СВ			Эс
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 Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (	-	*	0.0007	8.2	5.6	8.0	66	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-			-	16	0.0006
sult4	s	39.7	39.7 ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS NS																NS						
Analy	В	44.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/08	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity	SIDI	- Silt [	Displac	ement		Com	nents															
	Ti	Tide rce Location  Upcurrent (Ambien												E	bb										
		Location												В	172										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2					
Samp	le ID	Approx. 500 - 1000 ft <sup>1</sup> 100818-SIDI-E-U																10	00818-SIE	DI-E-D					
Sample	Time						15:15												14:52	!					
		pə							P	В				pə							P	СВ			
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	-				16	0.0006
sult4	s	19.5	19.5 ND										ND	31.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М	75.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	129	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/09	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	SID	- Silt [	Displac	ement		Comi	nents																
	Т	ide												FI	ood										
		Location												В	172										
Sam Loca	tion				Upcu	rrent (A	mbien	t)										Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					100	918-SIE	I-F-U										10	0918-SIE	)I-F-D					
Sample	Time						09:02												08:36						
		pəl							P	СВ			ne	pəl							PC	СВ		0	ne ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyre	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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
sult4	s	20.2 ND ND ND ND ND ND ND									ND	ND	ND	37.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	50.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	99.5	O9:02   O9:0												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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/09	9/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	on Activity  TIPC - Timber Pile Cap Removal  Comments  de																							
	Т	ide												Fl	ood										
		Location												В	88										
Sam Loca			Upcurrent (Ambient)																Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	ole ID					100	918-TIP	C-F-U										10	0918-TIP	C-F-D					
Sample	e Time						10:37												10:18	1					
		pa							P	В			Je L	pe							PO	В			Je L
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 Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water (		*	0.0007	8.2	5.6	8.0	66	-	-		-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		1	1	16	0.0006
sult4	s	43.7	ND	ND         ND<												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	89.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.7	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom
- <sup>5</sup> Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.
- <sup>6</sup> 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.

	Surve	ey Date												10/09	9/2018										
	Surve	у Туре												V - Ves	sel Based										
C	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide						•						FI	ood										
		Location												В	181										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2						
Samp	ole ID		100918-DBRI-F-U															10	0918-DBI	RI-F-D					
Sample	e Time		12:09																11:53						
		pel																			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 <sup>3</sup>	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 (	- 1	*	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	33.2	33.2 ND											29.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М		NS NS																NS						
Anal	В	49.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/10	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	SID	- Silt [	Displac	ement		Com	nents																
	Т	ide												Fle	ood										
		Location												B <sup>2</sup>	175										
Sam Locat	tion				Upcu	rrent (A	mbien	t)										Downcur	rent						
Distan Soui					Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2						
Samp	le ID					101	018-SIE	I-F-U										10	1018-SIE	)I-F-D					
Sample	Time						09:03												08:44						
		pəl							P	В			ne	pəl							PC	СВ			ae l
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
sult4	s	25.3	ND	ND	ND	ND	ND	ND	ND	ND	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analytical Result⁴	М	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anal	В	44.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/10	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activi	ty	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide												Fle	ood										
		Location												B	181										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					101	018-DBF	RI-F-U										10	1018-DBF	RI-F-D					
Sample	Time		101018-DBRI-F-U 09:30																09:16						
		pəl							PC	В			ne	pəl							PC	СВ		•	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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	1	1	16	0.0006
esult4	s	29.3 ND										ND	42.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analytical Result⁴	М						NS												NS						
Anal	В	52.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom
- <sup>5</sup> 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
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- 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												10/10	)/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	on Activity  TIPC - Timber Pile Cap Foundation Removal  Comments																						
	Т	ide												FI	ood										
		Location												В	91										
Sam Loca	tion	Upcurrent (Ambient)																	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft <sup>1</sup>																	500 ft <sup>2</sup>	2					
Samp	le ID	101018-TIPC-F-U																10	1018-TIP	C-F-D					
Sample	Time		10:32																10:18						
		pa							PO	В			Je L	pe							PO	СВ			Je L
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 Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (		*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-	-	16	0.0006
sult4	s	64.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/11	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	SID	- Silt [	Displac	ement		Com	nents															
	Т	ide												Fle	ood										
		Location												B <sup>2</sup>	175										
Sample Location Distance to						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Soul					Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2						
Samp	le ID				101	118-SIE	I-F-U										10	)1118-SIE	)I-F-D						
Sample	Time					10:37												10:13							
i		pəl							P	СВ			ne	pəl							PC	СВ			ae l
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
ssult4	s	32.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analy	В	102	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/1	1/2018										
	Surve	у Туре												V - Ves	sel Based	t									
Co	nstruct	on Activity  TIPC - Timber Pile Cap Foundation Removal  Comments																							
	T	ide												F	lood										
		Location												E	395										
Sam Loca			Upcurrent (Ambient)																Downcui	rrent					
Distan Soui			Approx. 500 - 1000 ft <sup>1</sup>																500 ft	2					
Samp	le ID		101118-TIPC-F-U															10	01118-TIF	C-F-D					
Sample	Time						13:20												13:04	ı					
		pə																			P	СВ			Je L
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 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 C Stand		*	0.0007	8.2	5.6	8.0	66	-				16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		1		16	0.0006
ssult4	s	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Anal	В	76.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.3	ND	ND	ND	ND	ND	ND	ND	ND	0.07	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom
- <sup>5</sup> 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.

	Surve	ey Date												10/15	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	SIDI	- Silt [	Displac	ement		Comi	nents																	
	Ti	ide						•						E	bb										
		Location											В	175											
Sam Loca				Upcu	rrent (A	mbien	t)									I	Downcur	rent							
Distan Sou					Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2						
Samp	le ID					101	518-SIE	I-E-U										10	)1518-SIE	I-E-D					
Sample	Time						10:30												10:04						
		pə							P	В				pə							P	СВ		_	
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					16	0.0006
sult4	s	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND 29 ND B 40.7 ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	40.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	40.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/15	5/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity			ber Pil on Ren			Com	nents															
	Т	ide												FI	ood										
		Location												В	88										
Sam Loca	ition					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	ole ID	101518-TIPC-F-U															10	1518-TIP	C-F-D						
Sample	e Time		11:26																11:10	1					
		pa							P	В			Je L	pe							P	СВ			Je L
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 <sup>3</sup>	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 (	- 1	*	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	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Analy	В	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/1	6/2018										
	Surve	у Туре												V - Ves	sel Base	d									
Co	nstructi	ion Activ	ity	SIDI	- Silt [	Displac	ement		Comi	nents															
	Ti	ide												E	∃bb										
		Location												В	175										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcu	rrent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 f	2					
Samp	le ID					101	618-SIE	I-E-U										10	01618-SII	DI-E-D					
Sample	Time						11:09												10:42	2					
		pə							P	В				pə							Р	СВ			<u>ə</u>
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
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			-		16	0.0006
sult <sup>4</sup>	s	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	25.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.7	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND
Analy	В	29.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.3	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom
- <sup>5</sup> 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

	Surv	ey Date												10/16	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Com	ments															
	Т	ide												Е	bb										
	Source	Location												В	88										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	ft <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					101	618-TIP	C-E-U										10	1618-TIP	C-E-D					
Sample	Time						09:31												09:22						
		pa							PO	СВ			_ e	pa							PC	СВ		_	_ <u>e</u>
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
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					16	0.0006	*	0.0007	8.2	5.6	8.0	66		1			16	0.0006
sult4	s						NS												NS						
Analytical Result⁴	М	31.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	81	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/16	6/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	ments				Upcurrent	results to	aken fi	om Sil	t Displ	acement	sampl	ing at s	same I	ocatio	1	
	Т	ide												Е	bb										
		Location											B	175											
Sam Loca					Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distar Sou					Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2						
Samp	le ID					101	618-SIE	I-E-U										10	1618-DBF	RI-E-D					
Sample	e Time						11:04												11:29						
		pə							P	СВ			_ e	pə							PC	В			
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					16	0.0006
sult4	s	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	25.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	29.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Com	nents															
	Т	ide												E	bb										
		Location												В	40										
Sam Loca						Upcu	rrent (A	mbien	t)									İ	Downcur	rent					
Distan Soul						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					101	718-TIP	C-E-U										10	1718-TIP	C-E-D					
Sample	Time						09:18												09:10						
		pa							PO	В			e e	pa							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)					
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				-	16	0.0006	*	0.0007	8.2	5.6	8.0	66		1			16	0.0006
sult4	s						NS												NS						
Analytical Result <sup>4</sup>	М	19.8	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		•	•	•		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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/17	7/2018										
											V - Vess	sel Based													
Co	SIDI	- Silt [	Displac	ement		Comi	nents				Upc	urrent res	sults ta	ken fro	om De	bris Rem	oval at	same	location	on					
		ide												E	bb										
		Location												В	175										
Sam Loca					Upcu	rrent (A	mbien	t)									ļ	Downcur	rent						
Distan Sou				Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2							
Samp	le ID				101	718-DBF	RI-E-U										10	)1718-SIE	DI-E-D						
Sample	Time	101718-DBRI-E-U 11:24																	10:49	١					
		pa							P	СВ			_ e	pə							P	СВ			
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	ppb)						(ppm)					. (	(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water 0		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult <sup>4</sup>	s	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

<sup>&</sup>lt;sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												10/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comi	nents															
	Т	ide												E	bb										
		Location												B <sup>,</sup>	175										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t¹										650 ft <sup>2</sup>	2					
Samp	ole ID					101	718-DBF	RI-E-U										10	1718-DBF	RI-E-D					
Sample	e Time						11:24												11:02						
		pə							P	СВ			l e	pa							P	СВ			Je I
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)			•		(	ppb)		•			•	(ppm)		•			(	ppb)	•				
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	s	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected as close to the edge of the 500 ft mixing zone as practicable, to remain no closer than 500' from other simultaneously ocurring activity - Silt Displacement

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co		JETT	- Jettin	g		Comi	nents																		
Tide Source Location Sample								•						Е	bb										
		Location											В	172											
Sam Loca					Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2					
Samp	le ID					101	718-JET	T-E-U										10	1718-JET	T-E-D					
Sample	Time						12:15												11:47						
		pə							P	В			l e	pə							P	СВ		_	
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	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	s	11.5	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 <sup>4</sup>	М	14.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/18	3/2018										
Survey Date Survey Type														V - Vess	sel Based										
Construction Activity					- Silt [	Displac	ement		Comi	nents															
Tide Source Location Sample								•						E	bb										
Sample														B <sup>,</sup>	173										
Location						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2					
Samp	le ID					101	818-SIE	I-E-U										10	)1818-SIE	I-E-D					
Sample	Time						12:35												12:13						
		pə							P	В				pə							P	СВ			
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	-		-	-	16	0.0006
sult <sup>4</sup>	s	10.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W 28.8 ND  B 19.3 ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	19.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												10/18	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Com	ments															
	Т	ide												Е	bb										
	Source	Location												В	92										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					101	818-TIP	C-E-U										10	1818-TIP	C-E-D					
Sample	Time						13:16												13:07						
		pa							PO	СВ			_ e	pa							PC	В		_	
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	-		16	0.0006
sult <sup>4</sup>	s						NS												NS						
Analytical Result⁴	М	10.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		•			•	NS						•		•				NS						

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/19	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Construction Activity				SID	- Silt [	Displac	ement		Comi	nents															
Tide Source Location														FI	ood										
Source Location Sample														В	173										
Location						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Source Sample ID						101	918-SIE	I-F-U										10	1918-SIE	)I-F-D					
Sample	Time						09:51												09:29						
i		pəl							P	СВ			ne	pəl							PC	СВ		0	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)			•		
Detection	n Limit <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
ssult4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
S 10.8 ND  W 17 ND  B 31.5 ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	31.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/19	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			ber Pil on Ren			Com	nents															
	Т	ide												E	bb										
		Location												В	40										
Sam Locat						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sour						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					101	918-TIP	C-E-U										10	1918-TIP	C-E-D					
Sample	Time						10:48												10:39						
		pa							PO	В			e e	pa							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)	•				
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			-		16	0.0006	*	0.0007	8.2	5.6	8.0	66			-		16	0.0006
sult4	s						NS												NS						
Analytical Result <sup>4</sup>	М	18.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.2	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/19	9/2018										
Survey Date Survey Type														V - Vess	sel Based										
Construction Activity					RI - Del	bris Re	moval		Comi	nents															
Tide Source Location														E	bb										
Sample														В	173										
Sample Location						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										900 ft <sup>2</sup>	2					
Samp	le ID					101	918-DBF	RI-E-U										10	1918-DBI	RI-E-D					
Sample	Time						12:06												11:42						
		pə							P	В			l e	pə							P	СВ		_	
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	-	-			16	0.0006
sult <sup>4</sup>	s	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S 12.3 ND    S   12.3 ND    S   12.3 ND    S   12.3 ND    S   S   S   S   S   S   S   S   S				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	29.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected as close to the edge of the 500 ft mixing zone as practicable to remain no closer than 500' from other simultaneously occurring activity - Silt Displacement

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/22	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity		JETT	- Jettin	g		Com	nents															
	Т	ide												Fl	ood										
		Location												В	172										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									-	Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID				102	218-JET	T-F-U										10	2218-JET	T-F-D						
Sample	Time						10:00												09:32						
		pel							P	СВ			Je L	pel							PO	СВ			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 <sup>3</sup>	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					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Analytical Result⁴	М	27.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anal	В	41.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/22	2/2018										
	Surve	у Туре												V - Vess	sel Based	l									
Co	nstructi	ion Activi			nber Pil on Ren			Comi	ments																
	Ti	ide												E	bb										
		Location												В	92										
Sam Loca					Upcu	rrent (A	mbien	t)									i	Downcur	rent						
Distan Soui						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					102	218-TIP	C-E-U										10	2218-TIP	C-E-D					
Sample	Time			11:01															10:46						
		pə																			P	СВ			
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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
sult4	s	20.2	ND	ND ND ND ND ND ND ND ND ND ND ND											ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS NS																NS						
Analy	В	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/22	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Construction Activity  Tide					RI - De	bris Re	moval		Com	nents															
	Т	ide												FI	ood										
Source Location Sample														В	175										
Location						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					102	218-DBF	RI-F-U										10	2218-DBF	RI-F-D					
Sample	Time						11:44												11:19						
		pəl							P	СВ			ne	pəl							PC	В			Je L
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-			16	0.0006
sult4	s	22.5	ND	ND	ND	ND	ND	ND	ND	ND	15.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Analytical Result⁴	М	27.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	38	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/22	2/2018										
Survey Date Survey Type Construction Activity														V - Vess	sel Based										
Construction Activity					- Silt [	Displac	ement		Comi	nents															
Tide Source Location Sample														E	bb										
Sample														В	173										
Location						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2					
Samp	le ID					102	218-SIE	DI-E-U										10	)2218-SIE	I-E-D					
Sample	Time					13:46												13:23							
		pə							P	СВ				pə							P	СВ			_ 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)	•		•		•
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	-	-			16	0.0006
sult <sup>4</sup>	s	16.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S   16.5   ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surve	ey Date												10/23	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Construction Activity					l - Silt [	Displac	ement		Com	nents															
Tide Source Location														Fle	ood										
Source Location Sample														B <sup>2</sup>	173										
Location						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					102	318-SIE	I-F-U										10	)2318-SIC	)I-F-D					
Sample	Time						09:16												08:51						
i		pəl							P	СВ			ne	pəl							PC	СВ			ae l
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
ssult4	s	10.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	35.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	84.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	186	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/23	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Construction Activity					RI - De	bris Re	moval		Comi	nents															
Tide Source Location														Fle	ood										
Sample														B <sup>2</sup>	175										
Location						Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID				102	318-DBF	RI-F-U										10	2318-DBF	RI-F-D						
Sample	Time		_				09:55												09:28						_
i		pəl							P	СВ			ne	pəl							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
Un	it	(ppm)					(	ppb)			•			(ppm)				•	(	(ppb)		•			
Detection	n Limit <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
sult4	s	15.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	25.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	95.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/23	3/2018										
	Surve	у Туре												V - Ves	sel Based										
C	onstruct	ion Activi	ity			ber Pil on Ren			Com	nents															
	Т	ide												FI	ood										
		Location												В	94										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					102	318-TIP	C-F-U										10	2318-TIP	C-F-D					
Sample	Time						10:54												10:39	1					
		pe							PO	В			Je L	pe							P	СВ			Je L
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 Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-		-	16	0.0006
sult4	s	35.5 ND ND ND ND ND ND ND ND ND ND ND ND ND											30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analytical Result⁴	М						NS												NS						
Analy	В	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/24	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	ity	SID	- Silt [	Displac	ement		Com	nents																	
	Т	ide												FI	ood										
Source Location Sample														В	173										
Loca				Upcu	rrent (A	mbien	t)										Downcur	rent							
Distan Soui				Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2							
Source Sample ID						102	418-SIE	I-F-U										10	)2418-SIE	)I-F-D					
Sample	Time						09:17												08:56						
		pəl							PC	СВ			ne	pəl							PC	СВ			ae l
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006		
ssult4	s	13	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 Result <sup>4</sup>	М	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	83.3	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/24	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	DBF	RI - Del	bris Re	moval		Comi	nents															
	Т												FI	ood											
		Location												В	175										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					102	418-DBF	RI-F-U										10	2418-DBF	RI-F-D					
Sample	Time						09:56												09:30						
		pel							P	СВ			ne	pəl							PO	СВ			Je L
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-		16	0.0006
sult4	s	16.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	37.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/24	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activi			nber Pil on Ren			Comi	nents																
	Т	ide												Fle	ood										
		Location												В	80										
Sam Locat			Upcu	rrent (A	mbien	t)									I	Downcur	rent								
Distan Soui			Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	!								
Samp			102	418-TIP	C-F-U										10	2418-TIP	C-F-D								
Sample	Time					10:37							_					10:24						_	
		pe							P	СВ			Je	pə							PC	В			Je L
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 <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		1	1	16	0.0006
esult4	s	37.5	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 <sup>4</sup>	М						NS												NS						
Anal	В	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/25	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activi	ty	SIDI	- Silt [	Displac	ement		Com	nents															
Tide Source Location Sample														Fl	ood										
													В	173											
Locat				Upcu	rrent (A	mbien	t)									I	Downcur	rent							
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Source Sample ID						102	2518-SIE	I-F-U										10	2518-SIE	)I-F-D					
Sample	Time						09:22												08:53						
		pəl							PC	СВ			ne	pə							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
Un	it	(ppm)					(	ppb)						(ppm)					(	(ppb)			•		
Detection	n Limit <sup>3</sup>	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	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
esult4	s	18.8	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	52	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.7	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anal	В	97	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.8	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom
- <sup>5</sup> Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.
- -- 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												10/25	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Construction Activity Tide						nber Pil on Ren			Com	nents															
	Т	ide												FI	ood										
Source Location Sample														В	95										
Location						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	!					
Sample ID						102	518-TIP	C-F-U										10	2518-TIP	C-F-D					
Sample	Time					10:11												09:58							
		pə							PO	СВ			ne	pə							PC	В		4	a.
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 <sup>3</sup>	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
II .	Water Quality * 0.0007					8.0	66	-	-		-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	1	1	16	0.0006
ssult4	s	47.5	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.8	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ytical Re	S 47.5 0.3  M  B 95.3 0.3						NS												NS						
Analy	В	95.3	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78.8	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom
- <sup>5</sup> Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.
- -- 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												10/26	6/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	SID	- Silt [	Displac	ement		Comi	nents															
	Т	ide												FI	ood										
		Location												В	173										
Sam Locat				Upcu	rrent (A	mbien	t)										Downcur	rent							
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					102	:618-SIE	I-F-U										10	2618-SIE	)I-F-D					
Sample	Time						9:10												8:46						
		pəl							P	СВ			ne	pəl							PC	СВ			ae l
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 <sup>3</sup>	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 Quality * 0.0007					5.6	8.0	66	-	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	1	16	0.0006
sult4	s	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М	58.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.3	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	63.5	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/26	6/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity			nber Pil on Ren			Com	nents															
	T	ide												FI	ood										
		Location												В	50										
Sam Loca	ition					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	ole ID					102	618-TIP	C-F-U										10	2618-TIP	C-F-D					
Sample	e Time						11:37												11:24						
														pe							PO	СВ			Je L
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 Limit³	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water (	-	*	0.0007	8.2	5.6	8.0	66	-	-		-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-	-	16	0.0006
sult4	s	55.3 ND ND ND ND ND ND ND ND ND ND ND ND ND											ND	49.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	62.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	63.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/29	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Comi	ments															
	Т	ide												E	bb										
		Location												В	95										
Sam Loca		Upcurrent (Ambient)																ı	Downcur	rent					
Distan Sou		to Approx 500 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2						
Samp	le ID		102918-TIPC-E-U															10	2918-TIP	C-E-D					
Sample	Time						09:04												08:55						
		pa							P	СВ				pa							PC	СВ		_	_ 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)					
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					16	0.0006
sult4	s		NS																NS						•
Analytical Result⁴	М	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.5	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/29	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	SIDI	- Silt [	Displac	ement		Comi	nents																		
Tide Source Location Sample								•						E	bb										
Sample														В	173										
Sam Loca			Upcu	rrent (A	mbien	t)									I	Downcur	rent								
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2					
Samp			102	918-SIE	I-E-U										10	)2918-SIE	I-E-D								
Sample	Time						10:27												10:08						
		þ							P	В			l e	pa							P	СВ			
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					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
S 11.8 ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S   11.8   ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												10/30	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Com	ments															
	Т	ide												E	bb										
		Location												В	95										
Sam Loca	tion	Upcurrent (Ambient)																ı	Downcur	rent					
	Distance to Source Approx. 500 - 1000 ft <sup>1</sup>																		500 ft <sup>2</sup>	2					
Samp	ce																10	3018-TIP	C-E-D						
Sample	Time			08:56							08:45														
		pə							PC	СВ			<u>Б</u>	pə							PC	В		_	_ 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)					
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				-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-		16	0.0006
sult4	s	NS																	NS						
Analytical Result⁴	М	34.5													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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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												10/30	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	SIDI	- Silt [	Displac	ement		Comi	nents																		
Tide Source Location Sample Location								•						E	bb										
Sample														В	173										
l e				Upcu	rrent (A	mbien	t)									I	Downcur	rent							
Distan Sou				Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft	2							
Samp			103	018-SIE	I-E-U										10	)3018-SIE	I-E-D								
Sample	Time					10:19												09:54							
		pə							P	В				pə							P	СВ		_	
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					16	0.0006
S 16.5 ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	25.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S   16.5   ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

Survey Date Survey Type														10/30	)/2018											
											V - Vess	sel Based														
Co	onstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comi	ments																
	Т	ide						•						Е	bb											
		Location												B175												
Sam Loca	tion			Upcurrent (Ambient)											Downcurrent											
Distance to Source						Appro	x. 500 -	1000 1	t¹					500 ft <sup>2</sup>												
Samp	le ID		103018-DBRI-E-U												103018-DBRI-E-D											
Sample	Time			10:56										10:34												
		pə							P	СВ			_ e	pə							PC	В			_ 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)										•			
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					16	0.0006	
ssult4	s	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analytical Result⁴	М	16.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.8	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
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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 Survey Type														10/31	1/2018												
											V - Vess	sel Based	l														
Co	onstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Com	ments																	
	Т	ide						•						Е	bb												
		Location												B175													
Sam Loca				Upcu	rrent (A	mbien	t)					Downcurrent															
Distance to Source						Appro	x. 500 -	1000 f	t <sup>1</sup>					700 ft <sup>2</sup>													
Samp	le ID		103118-DBRI-E-U												103118-DBRI-E-D												
Sample	Time			09:03											08:19												
		pə							P	СВ				pə							PO	СВ					
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene		
Un	it	(ppm)		(ppb)									(ppm) (ppb)										•				
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1		
Water 0		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006		
sult4	s	11.8	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 Result⁴	М	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Analy	В	37.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

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

<sup>&</sup>lt;sup>2</sup> Samples collected as close to the edge of the 500 ft mixing zone as practicable

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

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

Survey Date														10/31	1/2018											
	Surve	у Туре												V - Vess	sel Based											
Co	nstructi	ion Activ	ity	SIDI	- Silt [	Displac	ement		Comi	nents				Same Upcurrent Sample as Debris Recovery												
	Ti	ide												E	bb											
Source Location														В	175											
Sam Loca			Upcurrent (Ambient)											Downcurrent												
	Distance to Source Approx. 500 - 1000 ft <sup>1</sup>										500 ft <sup>2</sup>															
Sample ID						103	118-DBF	RI-E-U						103118-SIDI-E-D												
Sample	Time		09:03										08:34													
		pə						P	В			l e	pa							P	СВ					
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	-				16	0.0006	
sult <sup>4</sup>	s	11.8	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 <sup>4</sup>	М	12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В	37.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

<sup>&</sup>lt;sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>&</sup>lt;sup>2</sup> Samples collected at the edge of the 500 ft mixing zone

<sup>&</sup>lt;sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14

<sup>&</sup>lt;sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

<sup>--</sup> No detection limit or water quality standard

<sup>\*</sup> None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

	Surv	ey Date												10/31	1/2018											
	Surve	у Туре												V - Vess	sel Based											
Co	nstruct	ion Activ	ity			nber Pi on Ren			Comi	nents																
	Tide											E	bb													
		Location											В	345												
Sam Loca	tion	Upcurrent (Ambient)											Downcurrent													
Distan Sou		Approx. 500 - 1000 ft <sup>1</sup>											500 ft <sup>2</sup>													
Samp	le ID			103118-TIPC-E-U											103118-TIPC-E-D											
Sample	Time						09:53							09:42												
		pə							P	СВ			ne	per							PC	СВ			Je J	
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	
Un	it	(ppm)		(ppb)										(ppm) (ppb)												
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	
Water 0		*	0.0007	8.2	5.6	8.0	66	-				16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006	
ssult4	s						NS		-							-			NS			-				
Analytical Result⁴	М	23.3	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	B NS								•		<u> </u>				NS		•	•			·				

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <sup>2</sup> Samples collected at the edge of the 500 ft mixing zone
- <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- <sup>4</sup> 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.