	Surve	y Date												07/02	2/2018										
	Surve	у Туре												V - Vess	el Based										
Co	onstructi	on Activi	ty	DBR	RI - Del	oris Re	moval		Comn	nents															
	Ti	de													ood										
		Location		Į.										B <sup>1</sup>	187										
Sample Location						Upcu	rrent (Aı	nbient	:)									ţ	Downcur	rent					
Distan Sou	0.0000000000000000000000000000000000000					Appro	x. 500 -	1000 fi	.1										600 ft <sup>2</sup>						
Source Sample ID						070	218-DBF	RI-F-U										07	D218-DBF	RI-F-D					
Sample	Time						13:51												13:38						
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 (		*	0.0007	8.2	5.6	8.0	66	<u>~</u>		2	-	16	0.0006	X.	0.0007	8.2	5.6	8.0	66		-	<b>1</b>	<u>=</u>	16	0.0006
sult4	s	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
rtical Re	S 15.2 ND  M B 26.2 ND						NS								12				NS						
Analy	В	26.2	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>&</sup>lt;sup>2</sup> Samples collected as close to the turbidity curtain as practicable

<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

ND = Not Detected

	Surve	y Date												07/02	2/2018										
	Surve	у Туре												V - Vess	el Based										
Co	onstructi	ion Activi	ity			iber Pil on Rem			Comr	nents															
	Ti	ide												Flo	boc										
		Location												В	34										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distan Sou					Appro	x. 500 -	1000 f	t <sup>1</sup>										450 ft <sup>2</sup>							
Samp	le ID					070	218-TIP	C-F-U										07	0218-TIP	Ç-F-D					
Sample	Time						15:25												15:13						
		pel							PC	В	_	61	ne	pel							PC	В		en en	90
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Мегсилу	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)						ppb)						(ppm)						(ppb)					
Detectio	n Limit <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 (		٠	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	21.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	м						NS												NS						
Analy	В	9.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.3	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 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>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	y Date												07/03	3/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstructi	ion Activi	ity	DBR	श - Del	bris Re	moval		Comr	nents															
	Ti	ide												E	bb										
		Location												B	187										
Sample Location Distance to						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					070	318-DBF	RI-E-U										07	0318-DBF	RI-E-D					
Sample	Time						08:50												08:41						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	ppb)						(ppm)						ppb)			9		
Detec Lim	060	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	••	0.1
Water (		*	0.0007	8.2	5.6	8.0	66	1		-	-	16	0.0006	1.0	0.0007	8.2	5.6	8.0	66			***	<b>.</b>	16	0.0006
esult <sup>4</sup>	s						NS												NS						
Analytical Result <sup>4</sup>	м	23.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS				•		1			•		•	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 as close to the turbidity curtain as practicable
- <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	y Date												07/03	3/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	on Activi	ity			iber Pil on Rem			Comr	nents															
	Т	de												E	bb										
	Source	Location												В	31										
Sam Locat	tion					Upcu	rrent (A	mbient	t)									ı	Downcur	rent					
Distan Soul						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	!					
Samp	le ID					070	318-TIP	C-E-U										07	0318-TIP	C-E-D					
Sample	Time						10:04												09:53						
		peq							P	СВ		4	l e	Pe							PC	В		6.	e e
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroctor 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	100	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	19:	0.0007	8.2	5.6	8.0	66	-	-	14		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	23.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8	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												07/05	/2018										
	Surve	y Type												V - Vess	el Based										
Co	nstruct	ion Activi	ity	DBR	l - Del	oris Re	moval		Comr	nents		6													
		ide													bb										
		Location												B'	187										
Sam Locat	•			Upcu	rrent (A	mbient	t)										Downcuri	rent							
Distan Sou			Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>						
Samp	le ID			070518-DBRI-E-U														07	0518-DBF	RI-E-D					
Sample	Time						08:52												08:44						
		led							PC	В	_	۵	e e	Jed							PC	В		da	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 0			0.0007	8.2	5.6	8.0	66		*	4		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
esult <sup>4</sup>	s		NS																NS						
Analytical Result <sup>4</sup>	М	16	ND											30	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 as close to the turbidity curtain as practicable
- <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	y Date												07/05	/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstructi	on Activ	ity			ber Pil on Ren			Comr	nents				Tug	boat pass	ed be	lween	sampl	er and ac	tivity d	uring s	amplir	ng		
	Ti	ide												E	bb										
		Location												В	31										
Sam <sub>i</sub> Locat						Upcu	rrent (A	mbien	t)									1	Downcur	rent					
Distand Sour				Approx. 500 - 1000 ft <sup>1</sup>															500 ft <sup>2</sup>	!					
Sampl	le ID					070	518-TIP	C-E-U										07	0518-TIP	C-E-D					
Sample	Time						09:44												09:36						
		pe							PC	В	_		9	De De							PO	В			9
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1264	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 +	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
sulf*	s						NS												NS						
Analytical Result	M	28.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	282	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
- <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												07/09	/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	DBR	RI - Del	bris Re	moval		Comr	nents															
	Т	ide													bb										
		Location												B	176										
Sam Locat	tion					Upcu	rrent (A	mbien	t)									I	Downcuri	rent					
Distan Soui						Аррго	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>						
Samp	le ID					070	918-DBF	RI-E-U										07	0918-DBF	RI-E-D					
Sample	Time						12:01												11:38						
		led							P	СВ			ne ne	led							PC	В		ø)	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		•	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	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М	26,3	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	83,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59,6	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

	Surve	ey Date												07/10	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi																								
	T	ide												E	bb										
		Location												В	33										
Sam Locat			Upcurrent (Ambient)															ı	Downcur	rent					
Distan Sour				Approx. 500 - 1000 ft <sup>1</sup>															500 ft <sup>2</sup>	2					
Samp	le ID					071	018-TIP	C-E-U										07	1018-TIP	C-E-D					
Sample	Time						09:54												09:45						
		pə							P	СВ		4)	ne	pə							PO	В		4)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	(ppb)					•	(ppm)					. (	(ppb)					1
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1
Water Q Stand	-	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66		ı	1	-	16	0.0006
sult <sup>4</sup>	s		NS																NS		•				
Analytical Result <sup>4</sup>	М	43.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		•				NS				•		•						NS						•

ND = Not Detected

<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

	Surve	ey Date												07/10	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comr	nents															
	Т	ide													bb										
		Location												B	187										
Sam Loca	-					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					071	018-DBI	RI-E-U										07	1018-DBF	RI-E-D					
Sample	Time						10:47												10:36						
		per							PC	СВ		ø	ne	per							PC	В		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	ppb)						(ppm)					(	ppb)					ļ
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water G Stand	-	*	0.0007	8.2	5.6	8.0	66	1	ı	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66		ı	ı	1	16	0.0006
esult4	s						NS												NS						
Analytical Result <sup>4</sup>	М	33.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

- <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 as close to the turbidity curtain as practicable
- <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												07/11	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Comr	nents															
	Т	ide													ood										
		Location												B	176										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2						
Samp	le ID					071	118-DBF	RI-F-U										07	1118-DBI	RI-F-D					
Sample	e Time						09:57								_				09:35					•	
		led							PO	СВ		ø.	ne	led							PO	СВ		a)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	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	1	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	1	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		ı	1	16	0.0006
ssult <sup>4</sup>	s	25.8	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	35.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.5	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

	Surve	ey Date												07/11	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Cc	onstruct	ion Activi	ity			ber Pil on Ren			Comi	nents															
	Т	ide												Fle	ood										
		Location												В	34										
Sam Loca	tion					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					071	118-TIP	C-F-U										07	1118-TIP	C-F-D					
Sample	Time						10:48												10:33						
		pə							P	СВ	r	4)	ne	pa							P	СВ	1	4)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(	ppb)					•	(ppm)						(ppb)					•
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	16	0.0006
esult <sup>4</sup>	s	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М						NS												NS						
Analy	В	43.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

<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

	Surve	ey Date												07/12	2/2018										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Comr	nents															
	-	ide													ood										
		Location												B <sup>r</sup>	176										
San Loca	ition				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2						
Samp	ole ID	071218-DBRI-F-U															07	1218-DBI	RI-F-D						
Sampl	e Time		071218-DBRI-F-U 09:28																08:59						
		pel							P	СВ	•	40	ne	pel							PO	СВ		4)	ne
or o		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)			•		(	ppb)		•		•		(ppm)						(ppb)					
Detection	n Limit <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 (	,	*	0.0007	8.2	5.6	8.0	66	ı	ı	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	ı	ı	16	0.0006
sult <sup>4</sup>	s	16	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	87.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	98.5	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

	Surve	ey Date												07/12	2/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity			ber Pil on Ren			Comi	nents															
	Т	ide												Fle	ood										
		Location												В	50										
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					071	218-TIP	C-F-U										07	1218-TIP	C-F-D					
Sample	Time						10:40												10:14						
		pa							P	СВ	•		ne	pa							P	СВ	•	4)	Je
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(	ppb)				•	•	(ppm)						(ppb)		•			•
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 0	-	*	0.0007	8.2	5.6	8.0	66			-		16	0.0006	*	0.0007	8.2	5.6	8.0	66			-		16	0.0006
esult <sup>4</sup>	S	37.8 ND										41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Analytical Result <sup>4</sup>	М						NS												NS						
Analy	В	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

<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												07/16	6/2018										
	Surve	у Туре												V - Vess	sel Based	l									
Co	nstruct	ion Activ	ity			nber Pil on Ren	e Cap noval		Com	ments															
	Т	ide												E	bb										
		Location												В	49										
Sam Loca	-					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					071	618-TIP	C-E-U										07	1618-TIP	C-E-D					
Sample	Time						09:39												09:27						
		pə							PO	СВ			ne	pəl							PO	СВ		4	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)						(ppb)					•	(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2		0.1
Water G		*	0.0007	8.2	5.6	8.0	66	-				16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	1			16	0.0006
ssult <sup>4</sup>	s			NS												NS									
Analytical Result <sup>4</sup>	М	36.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В				,		NS			,		,	•		ļ	,			NS		•				•

<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

ND = Not Detected

	Surve	ey Date												07/16	6/2018										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity	DBF	RI - De	bris Re	moval		Comr	nents															
		ide													ood										
		Location												B	176										
Sam Loca					Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										600 ft <sup>2</sup>	2					
Samp	ole ID					071	618-DBF	RI-F-U										07	1618-DBI	RI-F-D					
Sample	e Time						11:08												10:47						_
		peq							PO	СВ		o o	ne	pel							PO	СВ		ø)	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
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 (		*	0.0007	8.2	5.6	8.0	66	1	-	1		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-	1	16	0.0006
sult <sup>4</sup>	s	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result <sup>4</sup>	М	49.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	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 as close to the edge of the 500 ft mixing zone as practicable

<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												07/17	7/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
	Т	ide													bb										
Source Location Sample														B <sup>-</sup>	176										
Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou			Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>									
Samp	le ID					071	718-DBF	RI-E-U										07	1718-DBF	RI-E-D					
Sample	Time						09:09												08:47						
		per							P	СВ			ne	per							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		•	•		(	ppb)	•		•	•		(ppm)				•	(	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 Stand		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı				16	0.0006
es ult4	s	28.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	55.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В	95.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74	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												07/17	7/2018										
	Surve	у Туре												V - Ves	sel Based	l									
C	onstruct	ion Activi			ber Pil on Ren			Comr	nents																
	T	ide												FI	ood										
		Location											В	34											
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					071	718-TIP	C-F-U										07	'1718-TIP	C-F-D					
Sample	Time						10:38												10:23	1					
		pe							PO	СВ			<b>Э</b> е	pə							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
Un	it	(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 (		*	0.0007	8.2	5.6	8.0	66	-	-		-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
sulf <sup>4</sup>	s	94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		_				NS						_						NS						
Analy	В	119	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.5	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

ND = Not Detected

	Surve	ey Date												07/18	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	bris Re	moval		Comr	nents															
		ide													bb										
		Location												B <sup>2</sup>	176										
Sample Location Distance to						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	071818-DBRI-E-U																07	1818-DBF	RI-E-D					
Sample	Time		07:1818-DBRI-E-U																08:40						
		þəp							PO	СВ		e	ne	pep							PC	СВ		ө	au 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
esult <sup>4</sup>	s	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	M 46.7 ND ND ND ND ND ND ND ND ND									ND	ND	ND	56.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	73.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	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												07/18	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pil on Ren			Comi	nents															
	Т	ide												E	bb										
		Location												В	58										
Sam Locat	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Soui			Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2					
Samp	le ID		071818-TIPC-E-U															07	1818-TIP	C-E-D					
Sample	Time						10:45												10:34						
		pəl							P	В		_	ne	pel							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	61	ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		•	•	•	•	NS	•		•	•	•	•		•	•	•	•	NS	•	•	•	•		

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <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												07/19	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	DBF	RI - De	bris Re	moval		Com	nents															
		ide													bb										
		Location											B <sup>-</sup>	176											
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>						
Samp	le ID			071	918-DBF	RI-E-U										07	1918-DBF	RI-E-D							
Sample	Time						09:04												08:41						
		per							P	СВ			ne	per							PC	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	ppb)						(ppm)					(	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 Stand		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı				16	0.0006
es ult4	s	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	55.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В	76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78	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												07/19	9/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			ber Pi on Ren			Comi	nents															
	Т	ide												E	bb										
	Source	Location												В	33										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Soui				Approx. 500 - 1000 ft <sup>1</sup>															500 ft <sup>2</sup>	2					
Samp	le ID					071	918-TIP	C-E-U										07	1918-TIP	C-E-D					
Sample	Time						10:25												10:15						
		pel							P	В			ne	pel							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 C Stand		*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	ı	-	16	0.0006
sult4	s						NS												NS						
Analytical Result <sup>4</sup>	М	51.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						•

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <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	y Date												07/23	3/2018										
	Surve	у Туре												V - Vess	sel Based										
C			ty	DBF	RI - Del	oris Re	moval		Com	nents															
Construction Activity Tide Source Location															ood										
Source Location  Sample Location														B <sup>-</sup>	176										
Loca	tion					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	ole ID					072	318-DBF	RI-F-U										07	2318-DBI	RI-F-D	ı				
Sample	e Time						09:21												09:02	!					
		ped							P	В			ne	pel							P	СВ			Je L
Parameter	5	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	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S   21   ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	29.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	33.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.5	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												07/23	3/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pil on Ren			Comi	nents															
	Т	ide												E	bb										
		Location												В	37										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Soui			Approx. 500 - 1000 ft <sup>1</sup>																500 ft <sup>2</sup>	2					
Samp	le ID		072318-TIPC-E-U															07	2318-TIP	C-E-D					
Sample	Time						10:20												10:11						
		pel							P	СВ		_	ne	pel							PC	В			ae
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																NS						
Analytical Result⁴	М	50.7	7 ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		•	•	•		NS	•		•	•	•	•		•			•	NS	•					

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- <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												07/24	4/2018										
	Surve	у Туре												V - Ves	sel Basec										
C	onstruct	ion Activ			nber Pil on Ren			Comr	nents																
	Т	ide												FI	ood										
		Location												В	355										
Sam Loca	tion				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					072	418-TIP	C-F-U										07	'2418-TIP	C-F-D					
Sample	Time						09:17												09:02						
		pa							PC	СВ			l e	pa							P	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	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 (		*	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal)	В	37.3													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

ND = Not Detected

	Surve	ey Date												07/25	5/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	on Activ	ity	DBF	RI - Del	bris Re	moval		Comr	nents															
		ide													bb										
		Location												B′	178										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					072	518-DBF	RI-E-U										07	2518-DBI	RI-E-D					
Sample	Time						13:05												12:45						
		per							P	СВ		۵	ne	pər							PO	СВ		Φ.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(	ppb)						(ppm)					(	ppb)	•	•			
	Unit  Detection  Limit <sup>3</sup>		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
esult⁴	s	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	26.5	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	25.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	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
- $^3$  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												07/25	5/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			ber Pil on Ren			Comr	nents															
	Т	ide												Е	bb										
<u> </u>		Location												В	50										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Soul						Appro	x. 500 <b>-</b>	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					072	518-TIP	C-E-U										07	2518-TIP	C-E-D					
Sample	Time						11:55												11:46						
													ne	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	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	
ssult4	s	NS																	NS	•					
Analytical Result <sup>4</sup>	М	33.8										ND	39.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Analy	В		NS 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	y Date												07/26	6/2018										
	Surve	у Туре												V - Vess	sel Based										
C		on Activi	ty	DBF	RI - Del	oris Re	moval		Comr	nents															
		de													ood										
		Location												B <sup>-</sup>	178										
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					072	618-DBF	RI-F-U										07	2618-DBI	RI-F-D	ı				
Sample	Time						09:09												08:51						
		Total Suspended Solids							P	В			l e	pel							P	СВ			Je J
Parameter	Parameter		Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(	ppb)		•		•		(ppm)				•		(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 0 Stand	,	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
sult4	s	23.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anal	В	50.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.5	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

	Surve	ey Date												07/26	6/2018										
	Surve	у Туре												V - Vess	sel Based	l									
C	onstruct	ion Activi	ity			nber Pil on Ren			Comr	nents															
	T	ide												FI	ood										
		Location												В	63										
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					072	618-TIP	C-F-U										07	'2618-TIP	C-F-D					
Sample	Time						09:58												09:43	1					
		Total Suspended Solids							PO	СВ			_ e_	pə							P	СВ			e e
Parameter	Parameter		Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(	ppb)						(ppm)						(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
ll .	Water Quality Standard <sup>3</sup>		0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-			-	16	0.0006
sulf <sup>4</sup>	s	28.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.5	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

ND = Not Detected

	Surve	ey Date												07/30	)/2018										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	DBF	RI - Del	oris Re	moval		Comr	nents															
		ide													bb										
		Location												B <sup>2</sup>	178										
Sam Loca						Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t <sup>1</sup>										500 ft <sup>2</sup>	2					
Samp	le ID					073	018-DBF	RI-E-U										07	3018-DBF	RI-E-D					
Sample	Time						09:17												08:57						
		per							P	СВ		a a	ne	pər							PC	СВ		ø	au 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
esult⁴	s	33.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	39.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	36.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47	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
- $^3$  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												07/30	)/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ity			ber Pil on Rem			Com	nents															
	Т	ide												Fl	ood										
		Location												В	66										
Sam Loca						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					073	018-TIP	C-F-U										07	3018-TIP	C-F-D					
Sample	Time						10:04												09:51						
		pə							PC	В			l e	pə							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	Ambient + dd 100 (m					(	ppb)						(ppm)					(	ppb)					
Detectio	Unit Detection Limit <sup>3</sup>		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
esult <sup>4</sup>	s	39.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55	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												07/31	1/2018										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity			nber Pi on Ren			Comi	ments															
	Т	ide												E	bb										
	Source	Location												В	58										
Sam Locat	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Soui						Appro	x. 500 -	1000 f	t¹										500 ft <sup>2</sup>	2					
Samp	le ID					073	118-TIP	C-E-U										07	3118-TIP	C-E-D					
Sample	Time						08:52												08:41						
		per							P	СВ			ne	per							PO	В		o o	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	32.5 ND										ND	ND	53	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
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