	Surv	ey Date												05/07	7/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DEC - I	Decant	ing		Comr	ments															
		ide													bb										
		Location												Pie	er 17										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					050	715-P01	7-E-U										05	0715-P01	7-E-D					
Sample	e Time						07:38												07:02						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)					(ppb)		•				(ppm)					((ppb)	•			•	
Detec Lim		Ambient + 100	0.05				1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		1	1	1	0.2	0.2	0.2	0.2	1	0.1
Water (*	0.0007	8.2	5.6	8.0	66			-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-			16	0.0006
esult ⁴	s	82.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	84.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Anal	В	85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

	Surve	ey Date												05/08	3/2015										
	Surve	у Туре												V - Vess	sel Based										
Co		ion Activ	ity		DEC - I	Decant	ing		Com	ments															
		ide													bb										
		Location												Pie	r 17										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					050	815-P01	7-E-U										05	0815-P01	7-E-D					
Sample	e Time						07:39												07:03						
eter		Suspended Solids	Sur	le le	er	Б	ú	242	1	254 CB	260	alene	pyrene	pended	Sur	el	er	p	ú	242	248)d	I	260	alene	pyrene
Parameter		Total Susper	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detec Lim		Ambient + 100	0.05			-	1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	-	ı	I	ı	0.2	0.2	0.2	0.2	1	0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66	-				16	0.0006
esult⁴	s	85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	NS																	NS						
Anal	В	89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

ND = Not Detected

	Surv	ey Date												05/08	3/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	C		Cofferd moval	am		Comr	nents															
	Т	ide												Е	bb										
		Location												P	003										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					050	815-P00	3-E-U										05	0815-P00	3-E-D					
Sample	Time						19:02												18:44						
		pe							P	СВ	1		Benzo(a)pyrene	Total Suspended Solids							P	СВ	1		je je
Parameter		Total Suspende Solids	Aroc Aroc Aroc Aroc Aroc Aroc Aroc Aroc												Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)				•		(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05			1	ı	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	1	1		ı	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						NS												NS						
Analytical Result ⁴	М	49.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		NS																NS						•

ND = Not Detected

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

	Surv	ey Date												05/11	1/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	C		Cofferd noval	am		Comi	nents															
	Т	ide												E	bb										
	Source	Location												Pi	er 3										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					051	115-P00	3-E-U										05	1115-P00)3-E-D					
Sample	Time						08:53												08:30	ı					
		pə							P	СВ			пе	pə							P	СВ			пе
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05			-	1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	-	-			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			NS												NS									
Analytical Resulf⁴	М	108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		NS																NS						

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

	Surv	ey Date												05/12	2/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	C		Cofferd moval	am		Comi	nents															
	Т	ide												E	bb										
		Location												Pi	er 3										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					051	215-P00	3-E-U										05	1215-P00	3-E-D					
Sample	Time						08:56												08:32						
		pə							P	СВ			Benzo(a)pyrene	pə							P	СВ		-	ле
Parameter		Total Suspended Solids Nickel Copper Lead Zinc Aroclor 1248 Aroclor 1254 Aroclor 1260 Aroclor 1260 Aroclor 1260												Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)						(ppm)						ppb)					
Detec Lim		Ambient + 100	0.05			-		0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		1	1		0.2	0.2	0.2	0.2		0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	-		-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	-	-	16	0.0006
esult ⁴	s		NS																NS						
Analytical Result ⁴	М	63.3	3.3 ND											54.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	NS													•	•			NS	•					•

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

	Surv	ey Date												05/13	3/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	C	DR - 0 Rer	Cofferd moval	lam		Comi	nents															
	Т	ide												E	bb										
		Location												Pi	er 3										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					051	315-P00)3-E-U										05	1315-P00	3-E-D					
Sample	Time						10:08												09:45	,					
		pə							P	СВ	•	_	Benzo(a)pyrene	pə							P	СВ		_	ЭС
Parameter		Mercury Nickel Copper Lead Aroclor 1242 Aroclor 1260 Aroclor 1260 Aroclor 1260 Aroclor 1260												Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)						(ppm)					((ppb)					
Detec Lim		Ambient + 100	0.05	-	1	ı	I	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05					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
esulf ⁴	s	NS													-				NS						
Analytical Result⁴	М	89.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В		NS												•			•	NS	•			•		

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

	Surv	ey Date												05/13	3/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	(CDR - C Rer	Cofferd moval	am		Comi	ments															
	Т	ide												FI	ood										
		Location												Pi	er 3										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					051	315-P00	3-F-U										05	1315-P00)3-F-D					
Sample	Time						08:10												07:53	1					
		pə							P	СВ	1		ле	pə							PC	В	1		ле
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					((ppb)						(ppm)						(ppb)		•			
Detection	n Limit ³	Ambient + 100	0.05				1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	1	1			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		NS																NS	•					
Analytical Result⁴	М	51 ND												55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	NS																	NS	•					

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

	Surv	ey Date												05/15	5/2015										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		DEC - I	Decant	ing		Com	ments															
	Т	ide												FI	ood										
		Location												Pie	er 17										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcuri	rent					
Distan Sou						Appro	x. 500 -	1000 f	ť¹										500 ft ²	!					
Samp	ole ID					051	515-P01	7-F-U										05	1515-P01	7-F-D					
Sample	e Time						06:52												07:13						
fer	i	Solids	2	_	<u>.</u>			142		ZB	09:	lene	yrene	ended	2	_	Į.			:42	84 BC		09:	lene	yrene
Parameter		Total Susp Solid	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)	1	1		1		(ppm)					(ppb)					ı
Detectio	n Limit ³	Ambient + 100	0.05				-	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		1		1	0.2	0.2	0.2	0.2	-	0.1
Water (*	0.0007	8.2	5.6	8.0	66				-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-		-	-	16	0.0006
esult ⁴	s	67.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	NS																	NS						
Analy	В	89.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

	Surv	ey Date												05/21	1/2015										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	[DEC - I	Decant	ing		Com	ments															
		ide													bb										
		Location												Pie	er 20										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t¹										500 ft ²	2					
Samp	le ID					052	115-P02	0-E-U										05	2115-P02	:0-E-D					
Sample	Time						07:18												06:55						
Parameter		l Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	1242	1	1254 B	1260	Naphthalene	Benzo(a)pyrene	Solids	Mercury	Nickel	Copper	Lead	Zinc	1242	1248		1260	Naphthalene	Benzo(a)pyrene
Para		Total Su So	Mer	Ņ	Cop	PF	ΙΖ	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Napht	Benzo(Total Su So	Mer	Ņ	loo	P	ΙZ	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Napht	Benzo(a
Un	it	(ppm)					(ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05	-	-	1	ı	0.2	0.2	0.2	0.2	ŀ	0.1	Ambient + 100	0.05		ı			0.2	0.2	0.2	0.2	ı	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66			-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66		-			16	0.0006
ssult4	s	102	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	95.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М			NS							NS														
Analy	В	106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

	Surve	ey Date												5/2	9/15										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activ	ity	[DEC - I	Decant	ing		Com	ments															
		ide													ood										
		Location												Pie	er 20										
Sam Locat	ion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					052	915-P02	0-F-U										05	2915-P02	0-F-D					
Sample	Time						07:39												07:09						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)				l		(ppm)		l	l			ppb)	l				l
Detection	ո Limit ³	Ambient + 100	0.05				1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05					0.2	0.2	0.2	0.2	I	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	ı	16	0.0006
esulf⁴	s	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	25.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

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

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

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

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

⁻⁻ No detection limit or water quality standard

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