	D	ate												8/1	3/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	ı	DRR -	Dredgi	ng		Comr	nents															
	Т	ide												E	bb										
		Location												Dred	ge 506										
Sam Loca	tion	Upcurrent (Ambient)															ı	Downcur	rent						
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	ole ID					081	313-D50	6-E-U										08	1313-D50	6-E-D					
		ded	cury cad																		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
Un	nit	(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	-		0.2	0.2	0.2	0.2		0.1
Water (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult4	S	20.4	ND	ND 3.9 ND 14 ND ND ND ND ND ND ND											ND	ND	3.8	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М												1	NS											
Analy	В	26.8	ND	ND	3.7	ND	14	ND	ND	ND	ND	ND	ND	27.6	ND	ND	3.9	ND	13	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
- -- 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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- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	3/13										
	Surve	у Туре												V - Vess	sel Basec	i									
Co	nstructi	on Activ	ity	I	DRR -	Dredgi	ng		Com	ments															
	T	ide												FI	ood										
		Location												Dred	ge 506										
Sam Loca	nce to															ı	Downcur	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft	2						
Samp	le ID					081	313-D50	6-F-U										80	1313-D50)6-F-D)				
		pəl							P	СВ			ne	pa							P	СВ		ø.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
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 (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s	31.0	ND	ND	3.7	ND	13	ND	ND	ND	ND	ND	ND	62.0	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М												1	NS											
Analy	В	50.0	ND	ND	3.9	ND	14	ND	ND	ND	ND	ND	ND	72.0	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND

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	D	ate												8/1	3/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	I	DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					081	313-D55	1-E-U										08	1313-D55	51-E-D					
		hed							P	СВ		ø)	ne	per							PO	СВ		Φ	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)					
Detec Lin		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 (- 1	*	0.0007	8.2	5.6	8	66	1			-	16	0.0006	*	0.0007	8.2	5.6	8	66				1	16	0.0006
esult ⁴	S												١	IS											
Analytical Result ⁴	М	47.6	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND	54.8	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND
Analy	В												١	IS											

- 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
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	D	ate												8/1	3/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	I	ORR -	Dredgi	ng		Comr	nents															
	Т	ide												E	bb										
		Location												Decant C	Operation:	S									
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID		081313-D211-E-U															08	1313-D21	1-E-D					
		ded																			PO			ø	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)					
Detec Lin		Ambient + 100	0.05					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 (- 1	*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	36.0	36.0 ND ND 3.7 ND 12 ND ND ND ND ND ND ND ND											44.0	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М												1	NS											
Analy	В	42.0	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND	36.4	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND

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	D	ate												8/1	4/13										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
	Т	ide												E	bb										
		Location												Dred	lg 506										
San Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					081	413-D50	6-E-U										08	1413-D50	6-E-D					
		Nyrene len e le l											per							P	СВ		ø	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)					
Dete Lin		Ambient + 100	0.05					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 (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	39.2	39.2 ND ND 4.3 ND											42.8	ND	ND	4.1	ND	15	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М													NS											
Anal	В	39.2	ND	ND	4.3	ND	15	ND	ND	ND	ND	ND	ND	54.0	ND	ND	4.2	ND	15	ND	ND	ND	ND	ND	ND

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	D	ate												8/1	4/13										
	Surve	у Туре												V - Vess	sel Basec	l									
Co	nstructi	on Activ	ity	I	DRR -	Dredgi	ng		Com	ments															
	T	ide												FI	ood										
		Location												Dred	ge 506										
Sam Loca	ace to															ı	Downcur	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft	2						
Samp	le ID					081	413-D50	6-F-U										80	1413-D50	06-F-D					
		pəl							P	СВ			ne	pa							P	СВ		0	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05			-	-	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 0 Stand		*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s	22.8	ND	ND	4.2	ND	15	ND	ND	ND	ND	ND	ND	24.8	ND	ND	3.7	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М												1	NS											
Analy	В	26.0	ND	ND	4.0	ND	15	ND	ND	ND	ND	ND	ND	33.2	ND	ND	4.4	ND	14	ND	ND	ND	ND	ND	ND

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	D	ate												8/1	5/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
		ide												E	bb										
		Location												Dred	ge 506										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					081	513-D50	6-E-U										08	1513-D50	06-E-D					
		ded							1	СВ		a)	ne	Jed							PO	СВ		Ф	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
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 (- 1	*	0.0007	8.2	5.6	8	66	1			-	16	0.0006	*	0.0007	8.2	5.6	8	66				1	16	0.0006
esult ⁴	S												١	NS											
Analytical Result ⁴	М	20.0	ND	ND	4.2	ND	14	ND	ND	ND	ND	ND	ND	44.0	ND	ND	4.2	ND	14	ND	ND	ND	ND	ND	ND
Anal	В												١	NS											

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	D	ate												8/1	5/13										
	Surve	у Туре												V - Vess	sel Basec	i									
Co	nstructi	on Activ	ity	I	DRR -	Dredgi	ng		Com	ments															
	T	ide												FI	ood										
		Location												Dred	ge 506										
Sam Loca	tion Upcurrent (Ambient)															ı	Downcur	rent							
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft	2						
Samp	le ID					081	513-D50	6-F-U										80	1513-D50	06-F-D					
		pəl							P	СВ			ne	pa							P	СВ		ø.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
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					0.2	0.2	0.2	0.2	-	0.1
Water 0 Stand		*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s	16.0	ND	ND	4.6	ND	12	ND	ND	ND	ND	ND	ND	32.0	ND	ND	4.5	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М												1	NS											
Analy	В	24.0	ND	ND	4.5	ND	13	ND	ND	ND	ND	ND	ND	45.0	ND	ND	4.3	ND	13	ND	ND	ND	ND	ND	ND

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	D	ate												8/1	5/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					081	513-D55	1-E-U										08	1513-D55	51-E-D					
		hed							PO	СВ		ø)	ne	per							PC	В		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
Ur	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					0.2	0.2	0.2	0.2		0.1
Water (- 1	*	0.0007	8.2	5.6	8	66	1	-		-	16	0.0006	*	0.0007	8.2	5.6	8	66		ı	-		16	0.0006
esult ⁴	S												١	NS											
Analytical Result ⁴	М	25.0	ND	ND	4.2	ND	14	ND	ND	ND	ND	ND	ND	42.0	ND	ND	4.0	ND	13	ND	ND	ND	ND	ND	ND
Anal	В												١	NS											

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	D	ate												8/1	5/13										
	Surve	у Туре												V - Vess	sel Basec	i									
Co	onstruct	ion Activ	ity	ı	DRR -	Dredgi	ng		Com	nents															
	Т	ide												FI	ood										
		Location												Dred	ge 551										
Sam Loca	tion	ion Upcurrent (Ambient)															ı	Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft ¹																500 ft	2						
Samp	le ID			513-D55						80	1513-D5	51-F-D													
		pel							P	СВ		ø.	ne	pal							P	СВ		0	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	iit	(ppm)					(ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05					0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05					0.2	0.2	0.2	0.2		0.1
Water (-	*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult4	s	_											1	NS	_										_
Analytical Result ⁴	М	34.0	ND	ND	4.1	ND	14	ND	ND	ND	ND	ND	ND	24.0	ND	ND	4.2	ND	14	ND	ND	ND	ND	ND	ND
Analy	В												1	NS											

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
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- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	5/13										
	Surve	у Туре												V - Vess	sel Basec										
C	onstruction Activity DRR - Dredging Comments Tide																								
	Т	ide												FI	ood										
		Location												Decant C	Operation	s									
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft	2					
Samp	ole ID	081513-D211-F-U																08	1513-D21	11-F-D					
		pel																			P	СВ	1	a)	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)					
Dete Lin		Ambient + 100	0.05					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 (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s	13.0 ND ND 4.0 ND 11 ND ND										18.0	ND	ND	4.3	ND	ND	ND	ND	ND	ND	ND	ND		
Analytical Result ⁴	М												1	NS											
Analy	В	34.0	ND	ND	3.9	ND	11	ND	ND	ND	ND	ND	ND	31.0	ND	ND	3.3	ND	16	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
- -- 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.
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	6/13										
	Surve	у Туре												V - Vess	sel Basec	l									
Co	onstruct	ion Activ	ity	ı	DRR -	Dredgi	ng		Com	nents															
	Т	ide												FI	ood										
		Location												Dred	ge 551										
Sam Loca	tion Upcurrent (Ambient)																ı	Downcur	rent						
Distar Sou		Approx. 500 - 1000 ft'																	500 ft	2					
Samp	le ID			613-D55								80	1613-D5	51-F-D											
		pel							P	СВ		ø.	ne	pal							P	СВ		0	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	iit	(ppm)					(ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05					0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05		-	-	-	0.2	0.2	0.2	0.2		0.1
Water (-	*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S												1	NS											
Analytical Result ⁴	М	16.0	ND ND 3.8 ND 12 ND ND ND ND ND ND ND												ND	ND	3.7	ND	12	ND	ND	ND	ND	ND	ND
Analy	В												1	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
- -- 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.
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	6/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	ı	DRR -	Dredgi	ng		Comr	nents															
	Т	ide												E	bb										
		Location												Decant C	Operation	S									
Sam Loca	tion		Upcurrent (Ambient)															ı	Downcur	rent					
Distar Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	ole ID					081	613-D21	1-E-U										08	1613-D21	1-E-D					
		ded			ne	per							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)					
Detec Lim		Ambient + 100	0.05					0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		1	-		0.2	0.2	0.2	0.2		0.1
Water (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	28.0	28.0 ND ND 3.6 ND 12 ND ND ND ND ND ND ND											24.0	ND	ND	4.2	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М												1	NS											
Analy	В	30.0	ND	ND	3.8	ND	13	ND	ND	ND	ND	ND	ND	27.0	ND	ND	3.7	ND	11	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
- -- 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
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	6/13										
	Surve	у Туре												V - Vess	sel Basec	l									
Co	nstructi	on Activ	ity	ı	DRR -	Dredgi	ng		Comi	ments															
	T	ide												Fl	ood										
		Location												Decant C	Operation	S									
Sam Loca		Opcurrent (Ambient)															ı	Downcur	rent						
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft	2						
Samp	le ID					081	613-D21	1-F-U										80	1613-D2	11-F-D					
		pəl							P	СВ			ne	pa							P	СВ		ø.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
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					0.2	0.2	0.2	0.2	-	0.1
Water 0 Stand		*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s	19.0	ND	D ND 3.8 ND 11 ND ND ND ND ND ND ND											ND	ND	3.7	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М												1	NS											
Analy	В	17.0	ND	ND	3.8	ND	12	ND	ND	ND	ND	ND	ND	22.0	ND	ND	3.7	ND	13	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

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

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

	D	ate												8/1	7/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activ	ity	- 1	DRR -	Dredgi	ing		Com	nents															
	Т	ide												E	bb										
		Location												Decant C	Operation	S									
Sam Loca	ition					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	ole ID		081713-D211-E-U															08	1713-D21	1-E-D					
		Jed																			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	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		0.2	0.2	0.2	0.2		0.1
Water (- 1	*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	ND	ND											14	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	32	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	19	ND	ND	ND	ND	13	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
- -- 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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 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	8/13										
	Surve	у Туре												V - Vess	el Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ing		Com	ments															
	Т	ide												E	bb										
		Location												Dred	ge 506										
Loca	Sample Operation Upcurrent (Ambient)															ı	Downcur	rent							
Distar Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	ole ID		081813-D506-E-U															08	1813-D50	6-E-D					
		pel																			P	СВ		4)	ne
O rete	מוופופו	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detectio	on Limit ³	Ambient + 100	0.05				-	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 (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	29.2	29.2 ND ND 3.6 ND 14 ND ND ND ND										ND	36.8	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	33.6	ND	ND	3.8	ND	13	ND	ND	ND	ND	ND	ND	40.8	ND	ND	3.2	ND	14	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

⁻⁻ 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.

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

	D	ate												8/1	8/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activi	ty	[DRR -	Dredgi	ng		Comr	nents															
	T	ide												FI	ood										
		Location												Dred	ge 551										
Loca	Sample Location Upcurrent (Ambient) Distance to																I	Downcur	rent						
	Distance to Source Approx. 500 - 1000 ft ¹																	500 ft	2						
Samp	le ID		081813-D551-F-U															08	1813-D5	51-F-D					
		pel							PO	СВ		0	ne	pəl							P	СВ		0	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	iit	(ppm)					(ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05	1	1	1	ı	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	1	-			0.2	0.2	0.2	0.2		0.1
Water (-	*	0.0007	8.2	5.6	8	66	1			1	16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s		NS																NS						
Analytical Result ⁴	М	26.0	ND ND 3.5 ND 17 ND ND ND ND ND ND ND												ND	ND	3.1	ND	15	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
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 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	8/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
	Т	ide												E	bb										
		Location												Decant C	Operation	s									
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	ole ID		081813-D211-E-U															08	1813-D21	1-E-D					
		per							P	СВ		ø)	ne	per							P	СВ		ø	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)					
Detec Lin		Ambient + 100	0.05				-	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		1			0.2	0.2	0.2	0.2		0.1
Water (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	40.4	ND	ND	3.4	ND	14	ND	ND	ND	ND	ND	ND	48.8	ND	ND	3.3	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal)	В	54.8	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND	51.6	ND	ND	14	ND	15	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
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- ND = Not Detected
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 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	8/13										
	Surve	у Туре												V - Ves	sel Basec	l									
C	onstruction Activity DRR - Dredging Comments Tide																								
	Т	ide												FI	ood										
		Location												Decant 0	Operation	s									
San Loca	ition					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	it ¹										500 ft	2					
Samp	ole ID		081813-D211-F-U															08	1813-D21	11-F-D					
		per																			P	СВ		Φ	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)					
Dete Lin		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 (, ,	*	0.0007	8.2	5.6	8	66	-				16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	62.0	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND	20.0	ND	ND	3.6	ND	18	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	NS																	NS						
Anal	В	57.6	ND	ND	3.7	ND	16	ND	ND	ND	ND	ND	ND	29.6	ND	ND	3.6	ND	14	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
- -- No detection limit or water quality standard
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 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	9/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	ı	DRR -	Dredgi	ng		Com	nents															
	Т	ide												E	bb										
		Location												Dred	ge 506										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	ole ID		081913-D506-E-U															08	1913-D50	6-E-D					
		pe					ne	pəl							PO	СВ		a)	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)					
Dete Lin		Ambient + 100	0.05					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 (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	s	70.4 ND ND 3.4 ND 21 ND ND ND ND ND ND										ND	101	ND	ND	3.3	ND	12	ND	ND	ND	ND	ND	ND	
Analytical Result ⁴	М		NS																NS						
Analy	В	79.6	ND	ND	3.5	ND	12	ND	ND	ND	ND	ND	ND	111	ND	ND	3.3	ND	15	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
- -- No detection limit or water quality standard
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 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/1	9/13										
	Surve	у Туре												V - Vess	sel Basec	l									
C		Tide DRR - Dredging Comments																							
														Fl	ood										
		Location												Dred	ge 506										
San Loca	ition				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	it ¹										500 ft	2					
Samp	ole ID		081913-D506-F-U															80	1913-D50	06-F-D					
		pel																			P	СВ	1	a)	ne ne
Doramotor		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)					
Dete Lin		Ambient + 100	0.05				-	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		1	-		0.2	0.2	0.2	0.2	-	0.1
Water (, ,	*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult ⁴	S	72.4	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND	81.6	ND	ND	3.4	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	86.8	ND	ND	3.3	ND	12	ND	ND	ND	ND	ND	ND	86.8	ND	ND	3.2	ND	14	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

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

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

	D	ate												8/1	9/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	I	DRR -	Dredgi	ng		Com	nents															
		ide												Е	bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	le ID					0819	913-D55	1-E-U										08	1913-D55	51-E-D					
		ded							1	СВ		ø	ne	per							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)					
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 (*	0.0007	8.2	5.6	8	66	ŀ	-		ı	16	0.0006	*	0.0007	8.2	5.6	8	66			-		16	0.0006
esult4	S						NS												NS						
Analytical Result ⁴	М	52.8	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	54.0	ND	ND	3.1	ND	12	ND	ND	ND	ND	ND	ND
Anal	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
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	D	ate												8/1	9/13										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
	Т	ide												E	bb										
		Location												Decant C	Operation	S									
San Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	ole ID		081913-D211-E-U															08	1913-D21	1-E-D					
		per							PO	СВ		ø)	ne	per							PO	СВ		ø.	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)					
Dete Lin		Ambient + 100	0.05					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 (*	0.0007	8.2	5.6	8	66					16	0.0006	*	0.0007	8.2	5.6	8	66					16	0.0006
esult⁴	s	32.4	ND	ND	3.5	ND	12	ND	ND	ND	ND	ND	ND	60.0	ND	ND	3.6	ND	16	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	130	ND	ND	3.3	ND	13	ND	ND	ND	ND	ND	ND	52.4	ND	ND	3.5	ND	13	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
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	D	ate												8/2	0/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
	Т	ide												Е	bb										
		Location												Dred	ge 506										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou					Appro	x. 500 -	1000 f	it ¹										500 ft ²	2						
Samp	ole ID	082013-D506-E-U															08	2013-D50	6-E-D						
		pel							PO	СВ		4)	ne	pəl							P	СВ		4)	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)					
Dete Lin		Ambient + 100	0.05				-	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	-	1	-	-	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
esult ⁴	s	27.2	ND	ND	3.7	ND	14	ND	ND	ND	ND	ND	ND	57.6	ND	ND	3.5	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	32.8	ND	ND	3.5	ND	15	ND	ND	ND	ND	ND	ND	60.8	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND

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- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
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 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												8/2	0/13										
	Surve	у Туре												V - Vess	sel Basec	l									
Construction Activity DRR - Dredging Comments Tide																									
	Т	ide												Fl	ood										
		Location												Dred	ge 506										
Sam Loca	tion				Upcu	rrent (A	mbien	t)									l	Downcur	rent						
Distar Sou			Appro	x. 500 -	1000 f	t ¹										500 ft	2								
Samp	Sample ID 082013-D506-F-U															08	2013-D50	06-F-D	ı						
		Suspended Solids Aercury Nickel Copper Zinc Zinc Aor 1242 Aor 1248 Aor 1254 Aor 1256 Alor 1260 Phthalene											pel							P	СВ		4)	ne	
Darameter		Total Suspend 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)	(ppm) (ppb)																	(ppb)					
Dete Lin		Ambient + 100	0.05					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 (- 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
esult ⁴	S 52.8 ND ND 3.7 ND 14 ND ND ND ND ND ND									ND	ND	160	ND	ND	3.7	ND	15	ND	ND	ND	ND	ND	ND		
Analytical Result ⁴	М						NS												NS						
Analy	В	73.2	ND	ND	4.1	ND	14	ND	ND	ND	ND	ND	ND	78.8	ND	ND	3.9	ND	15	ND	ND	ND	ND	ND	ND

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	D	ate												8/2	0/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity	I	DRR -	Dredgi	ng		Com	nents															
		ide												Е	bb										
		Location												Dred	ge 551										
Sample Location Upcurrent (Ambient)																Downcur	rent								
	Approx. 500 - 1000 ft ¹																500 ft ²	2							
Samp	ole ID		082013-D551-E-U															082	2013-D55	1-E-D					
		ded							1	СВ		Ф	ne	ded							·	СВ		ø	ine
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	0.05				-	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05			1		0.2	0.2	0.2	0.2		0.1
Water (- 1	*	0.0007	8.2	5.6	8.0	66	ŀ	-		ı	16	0.0006	*	0.0007	8.2	5.6	8.0	66			-		16	0.0006
esult4	S		NS NS																NS						
Analytical Result ⁴	М	46.8	ND ND ND ND 13 ND ND ND ND ND ND N												ND	ND	3.0	ND	13	ND	ND	ND	ND	ND	ND
Anal	В		-				NS												NS						

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	D	ate												8/2	0/13										
	Surve	у Туре												V - Ves	sel Based	l									
Co	onstructi	ion Activi	ty	[DRR -	Dredgi	ng		Comr	nents															
	Ti	ide												FI	ood										
		Location												Dred	ge 551										
Sample Location Upcurrent (Ambient) Distance to															I	Downcur	rent								
Distance to Approx. 500 - 1000 ft ¹																500 ft	2								
Samp																		08	2013-D5	51-F-D					
	Parameter Total Suspended Solids Nickel Copper Lead Zinc Aroclor 1248 Aroclor 1254 Aroclor 1254 Aroclor 1260 Naphthalene Naphthalene Benzo(a)pyrene													per							P	СВ		Φ	ne
Parameter		Total Suspend 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	iit	(ppm)	pm) (ppb)																	(ppb)					
Detec Lim		Ambient + 100	0.05	1	1	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 (-	*	0.0007	8.2	5.6	8.0	66	1			1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	s		NS																NS						
Analytical Result ⁴	М	39.2	ND	ND	3.4	ND	15	ND	ND	ND	ND	ND	ND	42.8	ND	ND	3.4	ND	15	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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	D	ate												8/2	1/13										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct																								
	Т	ide												Е	bb										
		Location												Decant C	Operation	S									
Sample Upcurrent (Ambient)																ı	Downcur	rent							
	Approx. 500 - 1000 ft ¹																500 ft ²	2							
Samp	ole ID		082113-D211-E-U															08	2113-D21	1-E-D					
		peg																			P	СВ		a)	ne
Totomore		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)					
Dete Lin		Ambient + 100	0.05				-	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 (*	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
esult ⁴	S	61.2	61.2 ND ND 3.4 ND 14 ND ND ND ND ND ND										ND	65.2	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	152	ND	ND	3.3	ND	15	ND	ND	ND	ND	ND	ND	77.2	ND	ND	3.2	ND	18	ND	ND	ND	ND	ND	ND

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	D	ate												8/2	1/13										
	Surve	у Туре												V - Ves	sel Basec	i									
Co		ion Activi	ty	[DRR -	Dredgi	ng		Comr	nents															
	Т	ide												FI	ood										
		Location												Dred	ge 506										
Sam Loca	tion					Upcui	rrent (A	mbien	t)									ı	Downcur	rent					
	Source Approx. 500 - 1000 ft ¹																500 ft	2							
Samp	le ID		082113-D506-F-U															08	2113-D50	06-F-D					
		per	olids olids class																		P	СВ		ø.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)					(ppb)						(ppm)						(ppb)					
Detec Lim		Ambient + 100	0.05	-				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 (, ,	*	0.0007	8.2	5.6	8.0	66	1	-		ı	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	S		NS																NS						
Analytical Result ⁴	М	36.4	ND	ND	3.2	ND	14	ND	ND	ND	ND	ND	ND	44.8	ND	ND	3.6	ND	13	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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	D	ate												8/2	1/13										
	Surve	у Туре												V - Vess	sel Based										
C	Construction Activity DRR - Dredging Commen Tide									nents															
	Т	ide												E	bb										
		Location												Dred	ge 506										
San Loca	tion				Upcu	rrent (A	mbien	t)									ı	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID	082113-D506-E-U															08	2113-D50	6-E-D						
		PCB e e											pel							PO	СВ	,	4)	ne	
O		Total Suspend 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
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Dete Lin		Ambient + 100	0.05					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 (*	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	28.4 ND ND 3.3 ND 15 ND ND ND ND ND ND ND ND										ND	40.8	ND	ND	3.2	ND	15	ND	ND	ND	ND	ND	ND	
Analytical Result ⁴	М						NS												NS						
Analı	В	26.8	ND	ND	3.5	ND	14	ND	ND	ND	ND	ND	ND	40.8	ND	ND	3.3	ND	14	ND	ND	ND	ND	ND	ND

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

	D	ate												8/2	1/13										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	on Activi	ity	[DRR -	Dredgi	ng		Com	nents															
	Т	ide												Е	bb										
		Location												Dred	ge 551										
Sample Location Upcurrent (Ambien									t)									ı	Downcur	rent					
Distance to Source Approx. 500 - 1000 ft ¹																		500 ft ²	2						
Samp	le ID	082113-D551-E-U																08	2113-D55	51-E-D					
		Total Suspended Solids Mercury Nickel Copper Lead Zinc Aroclor 1248 Aroclor 1254 Aroclor 1260 Aroclor 1260 Benzo(a)pyrene												per							P	СВ		0	ne
Parameter		Total Suspend 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	Sinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detec Lim		Ambient + 100	0.05	-			-	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05		-	-	-	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		NS																NS						
Analytical Result ⁴	М	38.8	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	34.8	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND
Anal	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
- -- 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.
 - ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

	D	ate												08/22	2/2013										
	Surve	у Туре												V - Vess	el Based										
С	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dredo	ge 506										
San Loca	ition				Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID		082213-D506-E-U															08	2213-D50	6-E-D					
Sampl	e Time		13:59																14:09						
Deremotor		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)	۹	۹	۹		ш	(ppm)					<u> </u>	ppb)	۹	۹	۹		ш
Detection		Ambient +	0.05					0.2	0.2	0.2	0.2		0.1	Ambient +	0.05					0.2	0.2	0.2	0.2		0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66			1	-	16	0.0006
esult ⁴	s	27.2	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	57.6	ND	ND	3.1	ND	12	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	30.4	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	166	ND	ND	3.0	ND	12	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

⁻⁻ 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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	D	ate												08/22	2/2013										
	Surve	у Туре												V - Vess	el Based										
Co		ion Activi	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					082	213-D55	1-E-U										08	2213-D55	1-E-D					
Sample	e Time						15:42												15:49						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		•			(ppb)		•				(ppm)		•	•	•		(ppb)		•			
Detectio	n Limit ³	Ambient + 100	0.05					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 (-	*	0.0007	8.2	5.6	8.0	66				1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult4	s	NS																	NS						
Analytical Result ⁴	М	42.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	57.2	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
Analy	В					· · · · ·	NS												NS						

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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

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	D	ate												08/23	3/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activi	ty		DRR -	Dredgi	ng		Comr	nents															
	Ti	ide													ood										
		Location												Dred	ge 551										
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		082313-D551-F-U															08	2313-D55	51-F-D					
Sample	Time						12:03												12:13						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)						(ppb)	•	•			
Detectio	n Limit ³	Ambient + 100	0.05			ı		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 (*	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 ⁴	М	48.0	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	70.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
Analy	В						NS						•						NS						•

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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

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	D	ate												08/23	3/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Comr	nents															
		ide													ood										
		Location												Dred	ge 506										
San Loca	ition					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID	082313-D506-F-U															08	2313-D50)6-F-D						
Sampl	e Time		12:45 PCB																12:53						
Doromoto		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)			•		(ppb)		•				(ppm)						(ppb)		•	•		•
Detectio	n Limit ³	Ambient + 100	0.05					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 of Stand	- 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
esult ⁴	s	40.0	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	52.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	56.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	55.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND

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	D	ate												08/23	3/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dred	ge 551										
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					082	313-D55	1-E-U										08	2313-D55	1-E-D					
Sample	Time		14:34 PCB <u>o</u>																14:26						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)						(ppb)					
Detection	n Limit ³	Ambient + 100	0.05				-	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				1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
sult ⁴	s	NS											_		_				NS						
Analytical Result ⁴	М	36.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	42.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

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	D	ate												08/23	3/2013										
	Surve	у Туре												V - Vess	sel Based										
C		ion Activ	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dred	ge 506										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	ole ID	082313-D506-E-U															08	2313-D50	6-E-D						
Sample	e Time		15:05																14:52						
Darameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detectio	n Limit ³	Ambient + 100	0.05				1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	ı	ı	ı	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	37.0	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	55.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	31.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	54.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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	D	ate												08/24	1/2013										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dred	ge 506										
Sam Loca						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	ole ID					082	413-D50	6-E-U										08	2413-D50	6-E-D					
Sample	e Time						14:51								_				15:08						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	nit	(ppm)					(ppb)						(ppm)					(ppb)					
Detectio	n Limit ³	Ambient + 100	0.05			-	-	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 (- - - - -	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	s	35	ND	ND	4.9	2.0	15	ND	ND	ND	ND	ND	ND	32	ND	ND	4.5	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	35	ND	ND	5.2	ND	13	ND	ND	ND	ND	ND	ND	35	ND	ND	5.5	ND	13	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

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	D	ate												08/24	1/2013										
	Surve	еу Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ty		DRR -	Dredgi	ng		Comr	nents															
		ide													bod										
		Location												Dred	ge 506										
San Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distai Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samı	ole ID	082413-D506-F-U																08	2413-D50	6-F-D					
Sampl	e Time						12:04												11:47						
young		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Uı	nit	(ppm)			-		(ppb)			-			(ppm)					((ppb)			-		
Detection	n Limit ³	Ambient + 100	0.05					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 Stand	,	*	0.0007	8.2	5.6	8.0	66		1	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	50	ND	ND	5.3	ND	14	ND	ND	ND	ND	ND	ND	62	ND	ND	4.8	ND	14	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	94	ND	ND	5.0	ND	14	ND	ND	ND	ND	ND	ND	82	ND	ND	5.1	ND	14	ND	ND	ND	ND	0.20	ND

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

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	D	ate												08/24	1/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	ion Activi	ity		DRR -	Dredgi	ng		Comr	nents															
		ide													bb										
		Location												Dred	ge 551										
Sam Locat						Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Soul						Appro	x. 500 -	1000 f	t ¹										500 ft ²	!					
Samp	le ID					082	413-D55	1-E-U										08	2413-D55	1-E-D					
Sample	Time						15:42												15:30						
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)		<u> </u>			(ppb)						(ppm)					(ppb)		<u> </u>	<u> </u>		l
Detection	ո Limit ³	Ambient +	0.05				1	0.2	0.2	0.2	0.2		0.1	Ambient + 7	0.05	1	1			0.2	0.2	0.2	0.2	1	0.1
Water C Stand	,	*	0.0007	8.2	5.6	8.0	66				1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
ssult4	s						NS												NS						
Analytical Result ⁴	М	28	ND	ND	4.7	ND	15	ND	ND	ND	ND	ND	ND	32	ND	ND	4.6	ND	14	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

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

	D	ate												08/25	5/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Com	nents															
	Т	ide												Fl	ood										
		Location												Decant C	Operation	3									
San Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	ole ID		082513-D211-F-U															08	2513-D21	1-F-D					
Sampl	e Time						13:31												13:43						
ģ	2	Suspended Solids	5	_	Į.			:42		54 CB	09;	lene	yrene	ended	5	_	ŗ			.42		54 B	09;	lene	yrene
or contract of the contract of		Total Susper 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)					•
Detection	n Limit ³	Ambient + 100	0.05			-	-	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 of Stand		*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	44.0	ND	ND	3.2	ND	12	ND	ND	ND	ND	ND	ND	58.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	92.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	70.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND

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

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	D	ate												08/25	5/2013										
	Surve	у Туре												V - Ves	sel Based										
Co	onstruct	ion Activi	ty		DRR -	Dredgi	ng		Comr	nents															
		ide													ood										
		Location												Dred	ge 506										
Sam Loca	tion		Upcurrent (Ambient)															I	Downcur	rent					
Distan Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	le ID	082513-D506-F-U																08	2513-D50	6-F-D					
Sample	Time						13:01												12:43						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)						(ppb)					
Detectio	n Limit ³	Ambient + 100	0.05			-	ı	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 (,	*	0.0007	8.2	5.6	8.0	66	-	-		1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult4	s	43.0	ND	ND	3.4	ND	14	ND	ND	ND	ND	ND	ND	50.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	157	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	121	ND	ND	3.1	ND	12	ND	ND	ND	ND	ND	ND

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	D	ate												08/25	5/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ı	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	?					
Samp	le ID					082	513-D55	1-E-U										08	2513-D55	1-E-D					
Sample	Time						16:37												16:48						
		ded							PO	СВ		Φ	ne	per							P	СВ		ø.	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					(ppb)					
Detection	n Limit ³	Ambient + 100	0.05				-	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 Result ⁴	М	29.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	26.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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	D	ate												08/25	/2013										
	Surve	у Туре												V - Vess	el Based										
Co	onstructi	ion Activi	ty		DRR -	Dredgi	ng		Comr	nents															
	Т	ide												Flo	bod										
		Location												Dred	ge 551										
Sam Loca						Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					082	513-D55	1-F-U										08	2513-D55	51-F-D					
Sample	e Time						14:25												14:10						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)			•		(ppb)		•				(ppm)						(ppb)		•	•		
Detectio	n Limit ³	Ambient + 100	0.05					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 (*	0.0007	8.2	5.6	8.0	66				1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
ssult ⁴	s				_		NS			_									NS			-	_		
Analytical Result ⁴	М	37.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	29.0	ND	ND	3.2	ND	12	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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	D	ate												08/26	5/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
		ide													bb										
		Location												Decant C	Operations	5									
Sam Loca	tion					Upcu	rrent (Aı	mbien	t)									I	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹															500 ft ²	2							
Samp	ole ID	082613-D211-E-U															08	2613-D21	1-E-D						
Sample	e Time						09:11												08:57						
Darameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)					(ppb)						(ppm)					(ppb)					
Detectio	n Limit ³	Ambient + 100	0.05					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 (*	0.0007	8.2	5.6	8.0	66		-	-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	S	46.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	70.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	78.0	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	84.0	ND	ND	3.0	ND	12	ND	ND	ND	ND	ND	ND

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	D	ate												08/26	6/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	nstructi	on Activi	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dred	ge 506										
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					082	613-D50	6-E-U										08	2613-D50	6-E-D					
Sample	Time						09:34												09:44						
		ded							P	СВ		Ф	ne	per							P	СВ		o o	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)						(ppm)					((ppb)					
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		0.1
Water C Stand	- 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
esult4	s						NS												NS						
Analytical Result ⁴	М	58.0	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	69.0	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND
Anal)	В						NS												NS						

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	D	ate												08/26	5/2013										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
	Т	ide												E	bb										
		Location												Dredo	ge 551										
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					082	613-D55	1-E-U										08	2613-D55	1-E-D					
Sample	Time						08:39												08:27						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(ppb)					•	(ppm)					((ppb)				•	
Detectio	n Limit ³	Ambient + 100	0.05					0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	ı				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
sult ⁴	s			_			NS		_									_	NS				_		
Analytical Result ⁴	М	40.0	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	43.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
Analy	В					· · · · ·	NS												NS						

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	D	ate												08/26	6/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Comr	nents															
	Т	ide												Fl	ood										
		Location												Dred	ge 551										
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					082	613-D55	1-F-U										08	2613-D55	51-F-D					
Sample	Time						11:43												11:52	!					
j		ended	>		ŗ			42	δ D(1	09	ene	rene	ended	>		į.			42		PB CB	09	ene	rene
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)		•			(ppb)		•				(ppm)						(ppb)	•	•			•
Detectio	n Limit ³	Ambient + 100	0.05					0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		ı	ı		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			_			NS	_		_									NS		_	_			
Analytical Result ⁴	М	31.0	ND	ND	3.0	ND	11	ND	ND	ND	ND	ND	ND	62.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
Analy	В					· · · · ·	NS												NS						

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Date														08/27	7/2013										
	Surve	у Туре												V - Vess	el Based										
С	DRR -	Dredgi	ng	Comments																					
Tide											Ebb														
Source Location Sample											Dredge 506														
Loca	tion	Upcurrent (Ambient)												Downcurrent											
Distar Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²											
Samp	ole ID	082713-D506-E-U												082713-D506-E-D											
Sampl	e Time	09:32											09:10												
or contract of the contract of	Parameter		Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	Total Suspended		<u> </u>			(ppb)		_ `	_ `	<u> </u>		(ppm) (ppb)											
Detection	n Limit ³	Ambient +	0.05				-	0.2	0.2	0.2	0.2		0.1	Ambient +	0.05		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	51.0	ND	ND	3.3	ND	10	ND	ND	ND	ND	ND	ND	62.0	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Anal	В	60.0	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	62.0	ND	ND	3.4	ND	11	ND	ND	ND	ND	ND	ND

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	D	ate											08/27	7/2013											
	Surve	у Туре												V - Vessel Based											
Construction Activity DRR - Dredging Comments																									
Tide											Ebb														
Source Location											Dredge 551														
Sam Loca	tion	Upcurrent (Ambient)												Downcurrent											
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²											
Samp	ole ID	082713-D551-E-U												082713-D551-E-D											
Sample	e Time	08:47												08:32											
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	nit	(ppm)		•			(ppb)		•			•	(ppm) (ppb)											
Detectio	n Limit ³	Ambient + 100	0.05				-	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 (- 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
sult ⁴	s			_			NS			_				NS											
Analytical Result ⁴	М	41.0	ND	ND	3.4	ND	11	ND	ND	ND	ND	ND	ND	40.0	ND	ND	3.2	ND	11	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

⁻⁻ 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.

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

	D											08/27	7/2013												
	Surve	у Туре												V - Vessel Based											
Co	onstruct	ion Activi	DRR - Dredging Comments																						
Tide											Flood														
Source Location											Dredge 551														
Sam Loca	tion	Upcurrent (Ambient)												Downcurrent											
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²											
Samp	le ID	082713-D551-F-U												082713-D551-F-D											
Sample	Time	16:39												16:30											
arameter	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
		Total	_					Aroc	Aroc	Aroc	Aroc	Na	Ben	Total	_					Aroc	Aroc	Aroc	Aroc	Na	Ben
Un	it	(ppm)					(ppb)						(ppm) (ppb)											
Detectio	n Limit ³	Ambient + 100	0.05					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 (*	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 ⁴	М	35.0	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	34.0	ND	ND	3.0	ND	12	ND	ND	ND	ND	ND	ND
Analy	В	NS												NS											

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