	D	ate												08/28	3/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Com	ments															
		ide													ood										
		Location												Decant C	Operations	S									
San Loca	nple ation					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou	nce to irce		Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	ole ID	082813-D211-F-U															08	2813-D21	1-F-D						
Sampl	e Time						13:45												13:31						
Doromoto	raiailetei	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			1	1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05				-	0.2	0.2	0.2	0.2	1	0.1
Water of 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	24.0	ND	ND	3.9	ND	11	ND	ND	ND	ND	ND	ND	26.0	ND	ND	4.0	ND	11	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	35.0	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND	41.0	ND	ND	3.8	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												08/29	/2013										
	Surve	у Туре												V - Vess	el Based										
С	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dred	ge 506										
Loca					Upcu	rrent (A	mbien	t)									ļ	Downcur	rent						
Distai Sou	nce to irce					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samı	ole ID	082913-D506-E-U															08	2913-D50	6-E-D						
Sampl	e Time		11:49 PCB @ @																11:35						
, contraction		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
Č	<u> </u>	Total S	Me	Z	ŏ	7	IN .	Aroclo	Aroclo	Aroclo	Aroclo	Naph	Benzo	Total S	Me	Z	ŏ	_	17	Aroclo	Aroclo	Aroclo	Aroclo	Naph	Benzo
Uı	nit	(ppm)					(ppb)						(ppm)					((ppb)					
Detection	on Limit ³	Ambient + 100	0.05	1		-		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	1	0.1
Water Stand	-	*	0.0007	8.2	5.6	8.0	66		-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-			ı	16	0.0006
esult ⁴	s	27.0	ND	ND	3.7	ND	12	ND	ND	ND	ND	ND	ND	28.0	ND	ND	3.5	ND	12	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Anal	В	22.0	ND	ND	3.6	ND	13	ND	ND	ND	ND	ND	ND	24.0	ND	ND	3.9	ND	18	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												08/30	/2013										
	Surve	у Туре												V - Vess	el Based										
С	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dredo	ge 506										
Loca					Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distar Sou	nce to irce					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID		083013-D506-E-U															08	3013-D50	6-E-D					
Sampl	e Time		13:13 PCB p																13:27						
Doromotor		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)						opb)	٨	⋖	⋖		ш п	(ppm)					<u> </u>	ppb)	⋖	⋖	⋖		В .
Detection		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	-	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	17.0	ND	ND	3.6	ND	12	ND	ND	ND	ND	ND	ND	28.0	ND	ND	3.7	ND	11	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	15.0	ND	ND	3.2	ND	12	ND	ND	ND	ND	ND	ND	40.0	ND	ND	3.4	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

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												08/30)/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Com	nents															
		ide													ood										
		Location												Dred	ge 506										
San Loca	ition					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																500 ft ²	2						
Samp	ole ID	083013-D506-F-U																08	3013-D50)6-F-D					
Sampl	e Time						14:35												14:44						
		pep								СВ		ø	ane	pep							T	СВ		ø	ane.
oroto de la constanta de la co		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				ŀ	0.2	0.2	0.2	0.2	1	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	21.0	ND	ND	3.5	ND	12	ND	ND	ND	ND	ND	ND	19.0	ND	ND	3.7	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal)	В	46.0	ND	ND	3.5	ND	11	ND	ND	ND	ND	ND	ND	19.0	ND	ND	3.5	ND	10	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												08/30)/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstructi	on Activ	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou		ce Approx. 500 - 1000 ft'																500 ft ²	2						
Samp	le ID	083013-D551-E-U																08	3013-D55	51-E-D					
Sample	Time						12:04												12:17						
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	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
sult ⁴	s						NS												NS						
Analytical Result ⁴	М	24.0	ND	ND	3.5	ND	12	ND	ND	ND	ND	ND	ND	24.0	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	ate												08/30)/2013										
	Surve	у Туре												V - Ves	sel Based										
Co	nstructi	ion Activi	ity		DRR -	Dredgi	ng		Com	ments															
	Т	ide												FI	ood										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									İ	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					083	013-D55	1-F-U										08	3013-D55	51-F-D					
Sample	Time						15:16												15:24						
neter		Suspended	Mercury	kel	per	Lead	2	1242		1254 B	1260	nalene)pyrene	spended	Mercury	kel	per	ad	2	1242	1248 Jd		1260	nalene)pyrene
Parameter		Total Suspended Solids	Merc	Nickel	Copper	Lei	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Merc	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	-		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 C Stand	-	*	0.0007	8.2	5.6	8.0	66				ı	16	0.0006	*	0.0007	8.2	5.6	8.0	66				1	16	0.0006
esult4	s						NS												NS						
Analytical Result ⁴	М	27.0	ND	ND	3.4	ND	13	ND	ND	ND	ND	ND	ND	27.0	ND	ND	3.6	ND	12	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	ate												08/31	/2013										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Decant C	Operations	3									
Sam Loca	tion				Upcu	rrent (Aı	mbien	t)									I	Downcur	rent						
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID	083113-D211-E-U															08	3113-D21	1-E-D						
Sample	e Time		10:19																10:03						
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 +	0.05					0.2	0.2	0.2	0.2		0.1	Ambient +	0.05	1	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	24	ND	ND	4.1	ND	12	ND	ND	ND	ND	ND	ND	27	ND	ND	5.6	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Analy	В	24	ND	ND	4.1	ND	14	ND	ND	ND	ND	ND	ND	24	ND	ND	4.7	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

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												08/31	/2013										
	Surve	у Туре												V - Vess	el Based										
С	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Dredo	ge 506										
Loca					Upcu	rrent (A	mbien	t)									I	Downcur	rent						
Distai Sou	nce to irce					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samı	ole ID		083113-D506-E-U															08	3113-D50	6-E-D					
Sampl	e Time						11:13												11:31						
, contraction		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
Č	<u> </u>	Total S	Me	Z	ŏ	7	IN .	Aroclo	Aroclo	Aroclo	Aroclo	Naph	Benzo	Total S	Me	Z	ŏ	_	17	Aroclo	Aroclo	Aroclo	Aroclo	Naph	Benzo
Uı	nit	(ppm)					(ppb)					•	(ppm)					. ((ppb)					
Detection	on Limit ³	Ambient + 100	0.05					0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	1	1	1		0.2	0.2	0.2	0.2	1	0.1
Water 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	27	ND	ND	5.9	ND	12	ND	ND	ND	ND	ND	ND	43	ND	ND	5.2	ND	11	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М		NS																NS						
Anal	В	23	ND	ND	5.0	ND	12	ND	ND	ND	ND	ND	ND	46	ND	ND	5.0	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

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

⁵ Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.

	D	ate												08/31	/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Comr	nents															
		ide													ood										
		Location												Dred	ge 506										
Sam Loca	ition					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distar Sou		Approx. 500 - 1000 ft ¹																	500 ft ²	2					
Samp	ole ID	083113-D506-F-U																08	3113-D50)6-F-D					
Sample	e Time						7:23												7:09						
ă	5	pəpu						Ŋ		ZB	o	aue	rene	nded						9		ZB	o.	au au	rene
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	1	0.1
Water (-	*	0.0007	8.2	5.6	8.0	66	-	1		-	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	28	ND	ND	5.1	ND	17	ND	ND	ND	ND	ND	ND	38	ND	ND	4.9	ND	9.7	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal)	В	30	ND	ND	5.7	ND	11	ND	ND	ND	ND	ND	ND	64	ND	ND	5.9	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

^{*} 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

⁵ Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.

	D	ate												09/01	/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstructi	ion Activ	ity		DRR -	Dredgi	ng		Com	nents															
		ide													bb										
		Location												Decant C	Operations	3									
Sample Location Distance to						Upcu	rrent (Aı	mbien	t)									I	Downcur	rent					
Distar Sou					Appro	x. 500 -	1000 f	t ¹										500 ft ²	2						
Samp	ole ID					090	113-D21	1-E-U										09	0113-D21	1-E-D					
Sample	e Time		13:22 PCB w																13:07						
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 +	0.05					0.2	0.2	0.2	0.2		0.1	Ambient +	0.05	1	1	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	20.0	ND	ND	3.2	ND	11	ND	ND	ND	ND	ND	ND	27.0	ND	ND	3.3	ND	12	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Analy	В	30.0	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND	24.0	ND	ND	ND	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												09/01	/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activ	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ļ	Downcur	rent					
Distan Sou	ce Approx. 500 - 1000 ft ¹																500 ft ²	2							
Samp	le ID	090113-D551-E-U															09	0113-D55	51-E-D						
Sample	Time						12:19												12:29						
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	28.0	ND	ND	3.0	ND	ND	ND	ND	ND	ND	ND	ND	27.0	ND	ND	3.1	ND	12	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

	Surve	ey Date												09/02	2/2013										
	Surve	у Туре												V - Vess	sel Based										
C	onstructi	ion Activi	ity		DRR -	Dredgi	ng		Com	ments															
		ide													ood										
		Location												Decant C	Operation	S									
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	090213-D211-F-U															09	0213-D21	1-F-D						
Sample	Time		18:21 PCB 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																18:30						
,		pəp																			P(ī		e	ene
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	it	(ppm)		((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				ı	16	0.0006
esult4	s	26.0	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND	28.0	ND	ND	3.4	ND	11	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	39.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	39.0	ND	ND	3.1	ND	13	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

⁻⁻ 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

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

	Surve	ey Date												09/02	2/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activ	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dred	ge 506										
San Loca	ation					Upcu	rrent (Aı	mbien	t)									l	Downcur	rent					
Distar Soບ						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					090	213-D50	6-E-U										09	0213-D50	6-E-D					
Sampl	e Time		_				14:02						_	_	_				14:14						
Ooromotor		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	1242	I	1254 B	1260	Naphthalene	Benzo(a)pyrene	Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	1242	1248	ī	1260	Naphthalene	Benzo(a)pyrene
O reze	<u> </u>	Total Sus Sol	Merc	Nic	Cop	Le	Zii	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphtl	Benzo(a	Total Sus Sol	Merc	Nic	Сор	Le	ΙΖ	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphtl	Benzo(a
Ur	nit	(ppm)					(ppb)						(ppm)					(ppb)					
Detectio	on Limit ³	Ambient + 100	0.05				ı	0.2	0.2	0.2	0.2	ŀ	0.1	Ambient + 100	0.05		ı	I	I	0.2	0.2	0.2	0.2	ı	0.1
Water of Stand	Quality dard ³	*	0.0007	8.2	5.6	8.0	66	-			ı	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	34.0	ND	ND	3.7	ND	14	ND	ND	ND	ND	ND	ND	32.0	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal	В	37.0	ND	ND	3.5	ND	16	ND	ND	ND	ND	ND	ND	35.0	ND	ND	3.5	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

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

	Surve	ey Date												09/02	2/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ty		DRR -	Dredgi	ng		Comr	nents															
		ide													ood										
		Location												Dred	ge 506										
San Loca	ition					Upcu	rrent (A	mbient	t)										Downcur	rent					
Distar Soບ						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					090	213-D50	6-F-U										09	0213-D50)6-F-D					
Sampl	e Time		_				09:36						_		_				09:18						
jo	5	s	ry	_	Į.			:42	84 B(09;	lene	yrene	ended	5	_	ķ			.42	1	54 CB	09:	lene	yrene
otomered retempt		Total Suspended Solids Nickel Copper Lead Zinc Aroclor 1242 Aroclor 1254 Aroclor 1260 Aroclor 1260											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)					ı
Detectio	on Limit ³	Ambient + 100	0.05			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 of Stand	, ,	*	0.0007	8.2	5.6	8.0	66	ı	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	15.0	ND	ND	3.5	ND	13	ND	ND	ND	ND	ND	ND	62.0	ND	ND	3.3	ND	16	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	29.0	ND	ND	3.1	ND	13	ND	ND	ND	ND	ND	ND	203	ND	ND	3.4	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

	Surve	ey Date												09/02	2/2013										
	Surve	у Туре												V - Vess	el Based										
С	onstruct	ion Activi	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dredo	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					090	213-D55	1-E-U										09	0213-D55	1-E-D					
Sample	e Time						12:31												12:41						
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Ur	nit	(ppm)						ppb)						(ppm)						(ppb)					1
Detectio	n Limit ³	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					16	0.0006
sult ⁴	S						NS												NS						
Analytical Result ⁴	М	30.0	ND	ND	3.3	ND	14	ND	ND	ND	ND	ND	ND	28.0	ND	ND	3.3	ND	16	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

	Surve	y Date												09/02	2/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstruct	ion Activi	ty		DRR -	Dredgi	ng		Comr	nents															
	Т	ide													ood										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft	2					
Samp	le ID					090	213-D55	1-F-U										09	0213-D5	51-F-D					
Sample	Time						10:00												10:12	!					
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	i+	(ppm)						ppb)	₹	₹	Ā		ğ	은 (ppm)						(ppb)	₹	₹	₹	_	ă
- 01	iit.	-						ppo)												(ррь)					$\overline{}$
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	26.0	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	54.0	ND	ND	3.3	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

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												09/03	3/2013										
	Surve	у Туре												V - Vess	sel Based										
С	onstruct	ion Activi	ty		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					090	313-D50	6-F-U										09	0313-D50)6-F-D					
Sampl	e Time						09:52												09:33						
Poromotor		Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	or 1242		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
ne d	5	Aroc Aroc Aroc Aroc Aroc										Napl	Benzo	Total S S	¥	Z	ŏ			Arock	Arock	Arock	Arocic	Napl	Benzo
Ur	nit	(ppm)					(ppb)						(ppm)						(ppb)		_			
Detection	n Limit ³	Ambient + 100	0.05	1		1	1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05				1	0.2	0.2	0.2	0.2	ı	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	23.0	ND	ND	3.3	ND	ND	ND	ND	ND	ND	ND	ND	46.0	ND	ND	3.0	ND	11	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М		NS																NS						
Anal	В	32.0	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	61.0	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

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

	Surve	ey Date												09/04	1/2013										
	Surve	у Туре												V - Vess	sel Based										
C	onstructi	ion Activi	ity		DRR -	Dredgi	ng		Com	ments															
		ide													ood										
		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	ole ID					090	413-D50	6-F-U										09	0413-D50	6-F-D					
Sample	e Time						10:43												10:28						
		pep							I	СВ		ø	ine	pep							PO	ī		o)	ıne
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				1	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	8.0	66			-	ı	16	0.0006	*	0.0007	8.2	5.6	8.0	66				-	16	0.0006
esult ⁴	s	21.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	44.0	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М						NS												NS						
Anal	В	30.0	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	43.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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

	Surve	ey Date												09/05	/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activ	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dred	ge 506										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ļ	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					090	513-D50	6-E-U										09	0513-D50	6-E-D					
Sample	Time	_	_				17:37							_	_				17:29						
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	70.0	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	84.0	ND	ND	ND	3.7	16	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

	Surve	ey Date												09/05	/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activi	ity		DRR -	Dredgi	ng		Com	ments															
		ide													bb										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ļ	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					090	513-D55	1-E-U										09	0513-D55	51-E-D					
Sample	Time						17:04												17:13						
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)			1		(ppb)		1				(ppm)				1		(ppb)			<u> </u>		
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																	NS					_	
Analytical Result ⁴	М	60.0	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	55.0	ND	ND	ND	ND	25	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

	Surve	y Date												09/06	5/2013										
	Surve	у Туре												V - Vess	el Based										
C	onstructi	ion Activi	ity	ı	DRR -	Dredgi	ng		Com	nents															
	Ti	ide												Flo	ood										
		Location												Decant C	peration	S									
Sam Loca	tion					Upcu	rrent (A	mbien	t)									ļ	Downcur	rent					
Distar Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	ole ID					090	613-D21	1-F-U										09	0613-D21	1-F-D					
Sample	e Time						09:39												09:22						
Parameter		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 W	Aroclor 1260	Naphthalene	Benzo(a)pyrene
ů.		Total					Aroc	Aroc	Aroc	Aroc	Nap	Benz	Total	2		J			Aroc	Aroc	Aroc	Aroc	Nap	Benz	
Ur	nit	(ppm)					(ppb)	T				ı	(ppm)			1		((ppb)					
Detectio	n Limit ³	Ambient + 100	0.05	1			1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	1	1	1	1	0.2	0.2	0.2	0.2	1	0.1
Water (-	*	0.0007	8.2	5.6	8.0	66	ı	1			16	0.0006	*	0.0007	8.2	5.6	8.0	66			-	-	16	0.0006
sult4	s	53.0	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	51.0	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	NS															NS								
Anal	В	74.0	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	54.0	ND	ND	ND	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

	Surve	ey Date												09/06	6/2013										
	Surve	у Туре												V - Vess	sel Based										
C	onstruct	ion Activi	ty		DRR -	Dredgi	ng		Com	ments															
		ide													ood										
		Location												Dred	ge 506										
San Loca	nple ation					Upcu	rrent (A	mbient	t)										Downcur	rent					
Distai Sou	nce to irce					Appro	x. 500 -	1000 fi	1										500 ft ²	2					
Samı	ole ID					090	613-D50	6-F-U										09	0613-D50	6-F-D					
Sampl	e Time						10:16												10:37						
300	raiailletei	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	on Limit ³	Ambient + 100	0.05					0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	1	1	1	1	0.2	0.2	0.2	0.2		0.1
Water Stan	Quality dard ³	*	66	1	-	-		16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	1	ı	16	0.0006				
esult ⁴	s	61.0	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	81.0	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND
ytical Re	S 61.0 ND S S S S S S S S S						NS												NS						
Anal	В	71.0	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	93.0	ND	ND	ND	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

	Surve	y Date												09/06	5/2013										
	Surve	у Туре												V - Vess	sel Based										
Co	onstructi	ion Activi	ty		DRR -	Dredgi	ng		Com	nents															
	Ti	ide												Flo	ood										
		Location												Dred	ge 551										
Sam Loca	tion					Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					090	613-D55	1-F-U										09	0613-D55	51-F-D					
Sample	Time						10:59												11:12	!					
je	i	anded	y		_			12		P ZB	06	ene	/rene	papua	y		_			12	1	P SB	06	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	iit	(ppm)					(ppb)						(ppm)					((ppb)					•
Detection	n Limit ³	Ambient + 100	0.05	1		1	-	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	1	1	1		0.2	0.2	0.2	0.2	-	0.1
Water C	,	*	0.0007	8.2	5.6	8.0	66	ı	-			16	0.0006	*	0.0007	8.2	5.6	8.0	66		-		-	16	0.0006
sult ⁴	s						NS												NS						
Analytical Result ⁴	М	47.0	ND	ND	3.1	ND	14	ND	ND	ND	ND	ND	ND	41.0	ND	ND	ND	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

⁻⁻ 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