	Surv	ey Date												07/0	1/2015											
	Surve	у Туре												V - Vessel Based												
Co	nstruct	ion Activ	ity	CDR	- Coffe	rdam R	temoval		Comr	nents																
	Т	ide												Flood												
		Location												P042												
Sam Loca	tion					Upcu	rrent (A	mbien	t)					Downcurrent												
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²												
Samp	le ID					070	115-P04	2-F-U						070115-P042-F-D												
Sample	Time	09:49													09:30											
		_							PC	В		Ф	ne								P	СВ	1	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)												
Detectio	n Limit ³	Ambient + 100	0.05	-		1		0.2	0.2	0.2	0.2	ŀ	0.1	+ t 00 0.05 0.2 0.2 0.2 0.2 0									0.1			
Water 0		,									0.0006	*	0.0007	8.2	5.6	8.0	66	-	-			16	0.0006			
esult ⁴	s		NS											NS												
Analytical Result⁴	М	13	NR											11.7 NR												
Analy	В	NS												NS												

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.
- NR = Not Required for these parameters, due to approval of reduced monitoring of cofferdam removal as of 6/2/2015, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												07/02/2015													
	Surve	у Туре												V - Vess	sel Based												
Co	onstructi	ion Activ	ity	C		Cofferd noval	am		Com	nents																	
	T	ide												FI	ood												
	Source	Location												Pier 42													
Sam Loca	tion	Upcurrent (Ambient)													Downcurrent												
Distan Sou				x. 500 -			500 ft ²																				
Samp	le ID	070215-P042-F-U													070215-P042-F-D												
Sample	Time	09:47													09:25												
		Suspended Solids						P		СВ	,		ЭС	pə							P	СВ	,		96		
Parameter	Parameter		Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene		
Un	it	(ppm)		(ppb)									(ppm)						(ppb)	•		•		•			
Detectio	n Limit ³	Ambient + 100	0.05		-	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	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	15.7	5.7 NR											33.3						NR							
Analy	В	NS												NS													

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

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.

NR = Not Required for these parameters, due to approval of reduced monitoring of cofferdam removal as of 6/2/2015, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												07/03/2015													
	Surve	у Туре												V - Ves	sel Based												
C	onstructi	ion Activ	ity	C		Cofferd moval	am		Com	ments																	
	Т	ide												Flood													
	Source Location													Pie	er 41												
Sam Loca	tion					Upcu	rrent (A	mbien	t)					Downcurrent													
Distar Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²													
Samp	le ID			315-P04	1-F-U						070315-P041-F-D																
Sample	Time		09:33													09:50											
		Suspended Solids						P	СВ	В		ле	pə							PO	СВ	ı	_	пе			
Tota mered	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	it	(ppm)					((ppb)		•	•	•	•	(ppm)		•				(ppb)	•				•		
Detectio	n Limit³	Ambient + 100	0.05	-	1	ı	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	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006		
ssulf⁴	s		NS											NS													
Analytical Result⁴	М	25.7 NR										_	24.7					_	NR					_			
Analy	В		NS											NS													

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- 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.
- NR = Not Required for these parameters, due to approval of reduced monitoring of cofferdam removal as of 6/2/2015, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surv	ey Date												07/06/2015 V - Vessel Based												
	Surve	у Туре												V - Vess	sel Based											
Co	nstruct	ion Activ	ity	C		Cofferd moval	am		Comi	ments																
	Tide													Е	bb											
	Source	Location												Pier 41												
Sam Loca		Upcurrent (Ambient)												Downcurrent												
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²												
Samp	le ID	070615-P041-E-U												070615-P041-E-D												
Sample	Time	09:05												08:47												
		pə						F		СВ	r		ne	pə							P	СВ	r		ле	
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	
Un	it	(ppm)					((ppb)						(ppm) (ppb)												
Detec Lim		Ambient + 100	0.05	1		1	1	0.2	0.2	0.2	0.2	ı	0.1	tugue 0 0.05 0.2 0.2 0.2 0.2 0.									0.1			
Water C Stand		* 0.0007 8.2 5.6 8.0 66 16 0.00								0.0006	*	0.0007	8.2	5.6	8.0	66	-		-		16	0.0006				
esult⁴	s	NS										NS														
Analytical Result⁴	М	49.7 NR									_	66.7					_	NR					_			
Analy	В	NS																	NS							

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

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.

NR = Not Required for these parameters, due to approval of reduced monitoring of cofferdam removal as of 6/2/2015, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surv	ey Date												07/07/2015												
	Surve	у Туре												V - Vess	sel Based											
Co	nstruct	ion Activ	ity	C		Cofferd moval	am		Comi	ments																
	Т	ide												E	bb											
	Source	Location												Pier 41												
Sam Loca						Upcu	rrent (A	mbien	t)					Downcurrent												
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²												
Samp	le ID	070715-P041-E-U													070715-P041-E-D											
Sample	Time	09:00													08:40											
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)						(pph) (ppb)												
Detec Lim		Ambient + 100	0.05				1	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	ı	1	-	-	0.2	0.2	0.2	0.2	-	0.1	
Water C	-	' * 0.0007 8.2 5.6 8.0 66 16 0.000								0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	1	16	0.0006				
ssulf ⁴	s	NS										NS														
Analytical Result⁴	М	26.7 NR											58.3 NR								_					
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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