	Surve	ey Date												08/07	/2014										
	Surve	у Туре												V - Vess	el Based										
Co	nstruct	ion Activ	ity	PDC	- Pile [Driving	- Zone C		Com	ments															
		ide												El											
		Location												Pie	r 30										
Sam Loca	tion					Upcu	ırrent (Ar	nbient	:)									İ	Downcur	rent					
Distan Sou						Appro	ox. 500 -	1000 ft	.1										500 ft ²	2					
Samp	le ID					080	714-P03	0-E-U										80	0714-P03	0-E-D					
Sample	Time						10:50												10:28						
		þək							P	СВ	T	ω	ne	þek							P	СВ		Ф	ne
Parameter											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)		•		•		(ppm)					(ppb)				•	
Detec Lim		Ambient + 100	0.05				ı	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	-	ı	ı	1	0.2	0.2	0.2	0.2	1	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	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1 ⁵	5.3	ND	ND	ND	ND	6.6	ND	ND	ND	ND	ND	ND
Analy	В	13.5	ND	ND	ND	ND	7.0	ND	ND	ND	ND	ND	0.2 ⁵	9	ND	ND	ND	ND	9.5	ND	ND	ND	ND	ND	ND

- 1 Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- ⁵ Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

ND = Not Detected

	Surv	ey Date												08/09	/2014										
	Surve	у Туре												V - Vess	el Based										
Co	onstruct	ion Activ	ity	PDC	- Pile I	Driving	- Zone C		Com	ments															
	-	ide												Flo											
		Location												Pie	r 28										
Sam Loca	tion					Upcı	ırrent (An	nbient)									!	Downcuri	rent					
Distan Sou				Approx. 500 - 1000 ft ¹															500 ft ²	2					
Samp	le ID					080)914-P028	3-F-U										08	0914-P02	8-F-D					
Sample	Time			_		-	09:22	_		_	_					_	-	-	08:53	_	-	_	-		
		_							P	СВ	1	Ф	ne								P	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	it	(ppm)					(r	pb)						(ppm)					(ppb)					
Detectio	n Limit ³	Ambient + 100	0.05					0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05		1	ı		0.2	0.2	0.2	0.2	1	0.1
Water (*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
esult ⁴	s	10.2	ND	ND	ND	ND	6.7	ND	ND	ND	ND	ND	0.1	24.8	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	0.1
Analytical Result⁴	М	25.2	ND	ND	ND	ND	6.9	ND	ND	ND	ND	ND	0.1	33.8	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	0.1
Analy	В	76.4	ND	ND	ND	ND	6.8	ND	ND	ND	ND	ND	0.1	96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- ⁵ Upcurrent (ambient) concentration exceeds the Water Quality Standard, Downcurrent concentration is less than 30% over background.
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												08/11/	2014										
	Surve	у Туре												V - Vesse	el Based										
Co		on Activ	ity	PDC	- Pile I	Driving	- Zone C		Com	ments															
		ide												Eb											
		Location												Pier	30										
Sam Loca	tion					Upcı	urrent (An	nbient)									I	Downcur	rent					
Distan Sou						Appr	ox. 500 - 1	1000 ft	1										500 ft ²	2					
Samp	le ID					08	1114-P030)-E-U										08	1114-P03	0-E-D					
Sample	Time						15:06												14:46						
		pel							P	СВ		a)	ne	pel							P	СВ		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)		•	•		(p	ppb)		•				(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.05			1	1	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05		ı	ı	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	10.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	11.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	22.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.4	ND	ND	ND	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
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												08/12	/2014										
	Surve	у Туре												V - Vess	el Based										
C	onstruct	ion Activ	ity	PDC	- Pile [Driving	- Zone C		Com	ments															
	Т	ide												Flo	od										
		Location												Pie	28										
Sam Loca	ition					Upcı	ırrent (An	nbient)									ı	Downcur	rent					
Distance to Source						Appr	ox. 500 - 1	1000 ft	1										500 ft ²	2					
Samp	ole ID					08′	1214-P028	3-F-U										08	1214-P02	28-F-D					
Sample	e Time						12:47												12:16						
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)					(r	pb)						(ppm)					((ppb)					
Detectio	n Limit ³	Ambient + 100	0.05				I	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.05	-	ı	ı	ı	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
ssult ⁴	s	20.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	47.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	97.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	132	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	127	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												08/13	3/2014										
	Surve	у Туре												V - Vess	sel Based										
Co	nstruct	ion Activ	ity	PDC	- Pile i	Oriving C	- Zone		Com	nents															
	Т	ide												E	bb										
		Location												Pie	r 28										
Sam Loca						Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou						Appro	x. 500 -	1000 f	t ¹										500 ft ²	2					
Samp	le ID					081	314-P02	8-E-U										08	1314-P02	8-E-D					
Sample	Time						08:46												08:25						
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	-	*	0.0007	8.2	5.6	8.0	66					16	0.0006	*	0.0007	8.2	5.6	8.0	66					16	0.0006
ssult ⁴	s	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	29.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	42.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78	ND	ND	6.9 ⁵	6.3	ND	ND	ND	ND	ND	ND	ND

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected at the edge of the 500 ft mixing zone
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- ⁵ Reported value exceeds the Water Quality Standard as stated in Condition 61 of NYSDEC Permit Facility ID 3-9903-00043/00012-14
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected
- NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												08/14	/2014										
	Surve	у Туре												V - Vess	el Based										
Co	onstruct	ion Activ	ity	PDC	- Pile I	Driving	- Zone C		Com	nents															
	Т	ide												Flo	od										
		Location												Pier	28										
Sam Loca						Upc	urrent (An	nbient)									I	Downcur	rent					
Distan Sou						Appr	ox. 500 - 1	1000 ft	1										500 ft ²	!					
Samp	le ID					08	1414-P028	3-F-U										08	1414-P02	8-F-D					
Sample	Time		_				13:23												13:08						
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	it	(ppm)					(r	pb)	•	•				(ppm)					(ppb)		•			
Detection	n Limit ³	Ambient + 100	0.05	-	-	ı	ı	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05	-	ı	ı	ı	0.2	0.2	0.2	0.2	ı	0.1
Water 0	•	*	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	13.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М						NS												NS						
Analy	В	148	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	y Date												08/19/	2014										
	Surve	у Туре												V - Vesse	el Based										
С	onstruct	ion Activi	ity	PDC	- Pile I	Driving	- Zone C		Com	nents															
		ide												Flo	od										
		Location												Pier	30										
Sam Loca	ition					Upcı	urrent (Am	bient))									ı	Downcur	rent					
Distar Sou						Appr	ox. 500 - 1	000 ft ¹	I										500 ft ²	2					
Samp	ole ID					08	1914-P030	-F-U										08	1914-P03	0-F-D					
Sample	e Time						15:26												15:09						
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)					(p	pb)						(ppm)						ppb)	`	`	`	<u> </u>	
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 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
sult4	s	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anal)	В	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

	Surve	ey Date												08/20	/2014										
	Surve	у Туре												V - Vess	el Based										
Co		ion Activi	ity	PDC ·	- Pile [Driving	- Zone C		Com	nents															
		ide												Et											
		Location												Pie	30										
Sam Loca	tion					Upcı	ırrent (An	nbient)									ı	Downcur	rent					
Distan Sou						Appro	ox. 500 - 1	1000 ft	1										500 ft ²	2					
Samp	le ID					082	2014-P030	D-E-U										08	2014-P03	80-E-D					
Sample	Time						10:14												09:55						
		per							P	СВ		Φ	ne	per							P	СВ		Φ	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					()	opb)						(ppm)					((ppb)					
Detec Lim		Ambient + 100	0.05				I	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	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	21.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

	Surve	ey Date												08/21	/2014										
	Surve	у Туре												V - Vess	el Based										
C	onstruct	ion Activi	ity	PDC	- Pile 🏻	Priving	Zone C		Com	nents															
		ide												Flo											
		Location												Pie	r 28										
Sam Loca	ition					Upcı	ırrent (Ar	nbient)									l	Downcur	rent					
Distar Sou						Appro	ox. 500 -	1000 ft	1										500 ft ²	!					
Samp	ole ID				082	114-P02	8-F-U										08	2114-P02	8-F-D						
Sample	e Time		_				09:32						_		_				09:12						
Parameter	Parameter Total Suspended Solids Solids Nickel Copper Lead Zinc								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	-	1	ı	-	0.2	0.2	0.2	0.2	1	0.1
Water 0 Stand	-	*	0.0007	8.2	5.6	8.0	66	-	1	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	1	-	-	-	16	0.0006
∍sult⁴	s	4.2 ND ND ND ND ND							ND	ND	ND	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	6.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	14.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

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

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

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

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

⁻⁻ No detection limit or water quality standard

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

ND = Not Detected

	Surve	ey Date												08/25	/2014										
	Surve	у Туре												V - Vesse	el Based										
Co		ion Activi	ity	PDC	- Pile [Driving	- Zone C		Com	nents															
		ide												Eb											
		Location												Pier	28										
Sam Loca	tion					Upcı	ırrent (An	nbient)									I	Downcur	rent					
Distan Sou				Approx. 500 - 1000 ft ¹															500 ft ²	2					
Samp	le ID					082	2514-P028	B-E-U										08	2514-P02	8-E-D					
Sample	Time						13:30												13:07						
		per							P	СВ		ø	ne	per							PO	СВ		Φ	ne
Parameter		Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphthalene	Benzo(a)pyrene
Un	it	(ppm)					(p	opb)	•					(ppm)					(ppb)		•	•		-
Detec Lim		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 (- 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	4.2	ND	ND	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result ⁴	М	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	6.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

	Surve	ey Date												08/27/	2014										
	Surve	у Туре												V - Vesse	el Based										
С	onstruct	ion Activi	ity	PDC	- Pile I	Driving	- Zone C		Com	nents															
		ide												Flo											
		Location												Pier	28										
Sample Upcuri								bient)										I	Downcur	rent					
Distar Sou			Approx. 500 - 1000 ft ¹																500 ft ²	2					
Samp	ole ID		082714-P028-F-U															08	2714-P02	8-F-D					
Sample	e Time						09:57												09:39						
		pel							P	СВ	1	ø.	ne L	pel							P	СВ		a)	e e
rotomered		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)					(p	pb)						(ppm)					(ppb)					
Detectio	n Limit ³	Ambient + 100	0.05		ı	-		0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	1	ı	1	ı	0.2	0.2	0.2	0.2	-	0.1
Water (*	0.0007	8.2	5.6	8.0	66	ı	ı	ı	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı				16	0.0006
esult ⁴	s	6.2 ND ND ND ND ND ND								ND	ND	ND	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analytical Result⁴	М	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	22.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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.