	Surv	ey Date												03/01	1/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	nstruct	ion Activ	ity	Р	R - Pile	e Rem	oval		Comr	ments							P	ile Rei	moval						
		ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion	Upcurrent (Ambient)																ı	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																50 ft ²						
Samp	le ID		030117-PRRT-F-U															030	0117-PRF	RT-F-D)				
Sample	Time						09:46												09:17	•					
									PC	СВ		a	ne								PC	В	1	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)					((ppb)						(ppm)						(ppb)				ı	
Detection	n Limit ³	Ambient + 100	0.05	-		1	1	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 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 Result⁴	М	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	105	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS				•		•						NS	•	•				

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

	Surv	ey Date												03/02	2/2017										
	Surve	у Туре												B - Barg	ge Based										
Co	nstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Comr	nents							Pile R	emova	I (Jetting))					
		ide												Е	bb										
		Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcuri	rent					
Distan Sou						Ар	prox. 30	0 ft ¹											50 ft ²						
Samp	le ID					0302	17-PRF	T-E-U										030)217-PRR	T-E-D					
Sample	Time						09:36												09:12						
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	it	(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		1	1	1	0.2	0.2	0.2	0.2	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	ı	-		1	16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	1	-	16	0.0006
esult ⁴	s		NS																NS						
Analytical Result⁴	М	42.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS								•				NS						

- ¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
- ² Samples collected as close to turbidity curtain as practicable
- ³ Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
- -- No detection limit or water quality standard
- * None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages
- ND = Not Detected

	Surv	ey Date												03/03	3/2017										
	Surve	у Туре												B - Barg	ge Based										
Co	nstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Comr	nents															
	Т	ide												Е	bb										
	Source	Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcuri	rent					
Distan Sou						Ap	prox. 20	00 ft ¹											50 ft ²						
Samp	le ID					0303	317-PRF	RT-E-U										030	317-PRR	T-E-D					
Sample	Time						10:39												09:08						
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)					(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 0		*	0.0007	8.2	5.6	8.0	66	1	-		1	16	0.0006	*	0.0007	8.2	5.6	8.0	66	1	-	1	-	16	0.0006
esult ⁴	s		NS																NS						
Analytical Result⁴	М	45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

ND = Not Detected

	Surv	ey Date												03/06	5/2017										
	Surve	у Туре												B - Barg	ge Based										
Co	onstruct	ion Activ	ity	TS	SS - R	ock Dri	lling		Comr	nents					Т	urbidity	obsei (rved di	uring Roc	k Drilliı	ng				
	Т	ide												E	bb										
	Source	Location												Rocklan	nd Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distan Sou						Ap	prox. 30	00 ft ¹											25 ft ²						
Samp	le ID					0306	317-TUR	B-E-U										030	617-TUR	B-E-D					
Sample	Time						11:09												10:48						
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		1	-	1	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	_					NS		_										NS						
Analytical Result ⁴	М	65	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	60.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surv	ey Date												03/06	6/2017										
	Surve	у Туре												B - Barg	ge Based										
Co	onstruct	ion Activ	ity	[DEC - I	Decant	ing		Com	ments					Decant	ing of a	Airliftin	g/Drille	ed Shaft (Cutting	s Barg	е			
	Т	ide												E	bb										
	Source	Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distar Sou						Ap	prox. 30	00 ft ¹											50 ft ²						
Samp	le ID					0306	17-DSD	C-E-U										030	617-DSD	C-E-D)				
Sample	Time						10:18												09:44						
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)													
Detec Lim		Ambient + 100	0.05	1	-	1	ı	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05		ı		1	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	NS												_					NS						
Analytical Result ⁴	М	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

ND = Not Detected

	Surv	ey Date												03/07	7/2017										
	Surve	у Туре												B - Barç	ge Based										
C	onstruct	ion Activ	ity	T	SS - R	ock Dri	lling		Com	nents					Ti	urbidity	obse /	rved dı	uring Roc	k Drilli	ng				
	Т	ide												E	bb										
	Source	Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distar Sou						Ap	prox. 30	00 ft ¹											15 ft ²						
Samp	ole ID					0307	17-TUR	B-E-U										030)717-TUF	B-E-D					
Sample	e Time						10:50												10:35						
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 (*	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	36.5													NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surv	ey Date												03/08	3/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	ion Activ	ity	T	SS - R	ock Dri	lling		Com	nents					Т	urbidity	obse /	rved di	uring Roc	k Drilli	ng				
	Т	ide												E	bb										
	Source	Location												Rocklan	nd Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distar Sou						Ap	prox. 30	00 ft ¹											15 ft ²						
Samp	ole ID		030817-TURB-E-U															030)817-TUF	B-E-D	ı				
Sample	e Time						12:50												12:40						
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
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					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	36.8	NR N												NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surve	ey Date												03/09	9/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	nstructi	ion Activ	ity	Р	R - Pile	e Rem	oval		Com	nents															
		ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion		Upcurrent (Ambient)															ı	Downcur	rent					
Distan Sou				prox. 30								50 ft ²													
Samp	le ID					0309	917-PRF	RT-F-U										030	0917-PRF	RT-F-D)				
Sample	Time						09:04												09:29	1					
									P	СВ		a	ne								PC	В	1	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)					((ppb)						(ppm)						(ppb)					
Detection	n Limit ³	Ambient + 100	0.05	-		1	1	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05	ı	-			0.2	0.2	0.2	0.2	ı	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66			-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
esult ⁴	s						NS												NS						
Analytical Result⁴	М	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS				•		•						NS	•	•				•

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

	Surv	ey Date												03/10)/2017										
	Surve	у Туре												B - Barç	ge Based										
C	onstruct	ion Activ	ity	T	SS - R	ock Dri	lling		Comr	nents					Τι	ırbidity	Obse	rved D	uring Roo	k Drill	ing				
	Т	ide												E	bb										
	Source	Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distar Sou						Ap	prox. 20	00 ft ¹											40 ft ²						
Samp	ole ID		031017-TURB-E-U															031	1017-TUF	B-E-D	ı				
Sample	e Time						14:07												14:00						
Daramotor		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	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	_	NS														_		NS						
Analytical Result ⁴	М	58.8	8 NR												NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surv	ey Date												03/1	1/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	nstruct	on Activ	ity		DEC - I	Decant	ing		Comr	nents															
		ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion	Upcurrent (Ambient)																ı	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																50 ft ²						
Samp	le ID					0311	17-DSE	C-F-U										031	1117-DSE	OC-F-D)				
Sample	Time						07:15												07:03	1					
									PC	В	1	Φ	ne								P	В		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
Un	it	(ppm)					((ppb)						(ppm)						(ppb)					
Detectio	n Limit ³	Ambient + 100	0.05	-		1		0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05	ı	-			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
esult4	s						NS												NS						
Analytical Result⁴	М	47.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS						•						NS	•					•

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

	Surv	ey Date												03/13	3/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Com	ments							Jettir	ng/Tord	ch Cutting						
		ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion	Upcurrent (Ambient)																ı	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																50 ft ²						
Samp	le ID					0313	317-PRF	RT-F-U										03	1317-PRF	RT-F-D)				
Sample	Time						11:22												11:05	i					
									P	СВ	1	a	ne								PC	В	1	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)			1		((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				0.2	0.2	0.2	0.2	ı	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	-		-		16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-		16	0.0006
esult4	s						NS												NS						
Analytical Result⁴	М	33.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS	•					•						NS	•	•		•		•

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

	Surv	ey Date												03/16	5/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pile	e Rem	oval		Comr	nents							Pile R	emova	l (Cutting)					
	-	ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									I	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																50 ft ²						
Samp	le ID					0316	317-PRR	T-F-U										03	1617-PRF	RT-F-D					
Sample	Time						10:40												11:00						
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)	۷	⋖	⋖		ă	(ppm)						(ppb)	∢	∢	⋖		ă
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		*	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
esult ⁴	s		NS																NS						
Analytical Result⁴	М	84.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В				•		NS						•						NS						•

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

	Surv	ey Date												03/17	7/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pil	e Remo	oval		Com	ments							Pile R	emova	I (Cutting)					
	Т	ide												E	bb										
	Source	Location												Rocklan	nd Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distar Sou						Ар	prox. 20	00 ft ¹											100 ft ²	2					
Samp	le ID	031717-PRRT-E-U																031	1717-PRF	RT-E-D	ı				
Sample	Time		10:25																10:04						
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)																(ppb)					
Detec Lim		Ambient + 100	0.05	1	-		ı	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05		ı		1	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	NS NS																	NS						
Analytical Result ⁴	М	46.3	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	45.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

ND = Not Detected

	Surv	ey Date												03/17	7/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	ion Activ	ity		TSS-	Airliftir	ıg		Comr	nents					Turbidi	ty Obs	erved	outsid	e curtain	during	Airliftin	g			
	-	ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																10 ft ²						
Samp	le ID					0317	17-TUR	B-F-U										03	1717-TUF	RB-F-D					
Sample	Time						14:19												14:05						
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
		- 7							Aro	Aro	Aro	ž	Ber							_ `	Aro	Aro	Aro	ž	Ber
Ur	iit	(ppm)			1	1	(ppb)		ı	1	1		(ppm)		1	1	1	((ppb)			1	1	
Detectio	n Limit ³	Ambient + 100	0.05			-		0.2	0.2	0.2	0.2	ŀ	0.1	Ambient + 100	0.05	1	1	ı	ı	0.2	0.2	0.2	0.2	I	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		1	1	-	16	0.0006
esult ⁴	s						NS												NS						
Analytical Result⁴	М	41.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	78	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surv	ey Date												03/20	0/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Comr	nents							Pile R	emova	I (Cutting)					
	T	ide												Е	bb										
	Source	Location												Rocklan	nd Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Ар	prox. 30	00 ft ¹											100 ft ²	2					
Samp	le ID		032017-PRRT-E-U															032	2017-PRF	RT-E-D					
Sample	Time						13:15												13:56						
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	ŀ	0.1	Ambient + 100	0.05	1	1	1	1	0.2	0.2	0.2	0.2	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	1	-		1	16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	1	-	16	0.0006
esult ⁴	s	NS																	NS						
Analytical Result ⁴	М	73.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

ND = Not Detected

	Surv	ey Date												03/21	1/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	nstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Comr	nents							Pile R	emova	al (Jetting))					
	Т	ide													bb										
		Location												Rocklan	nd Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distan Sou						Ap	prox. 30	00 ft ¹											50 ft ²						
Samp	le ID					0321	17-PRR	RT-E-U										032	2117-PRF	RT-E-D	ı				
Sample	Time						10:04												09:40						
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)						(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.05		-	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		0.1
Water 0		*	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
esult ⁴	s						NS												NS						
Analytical Result ⁴	М	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS									-			NS						

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

ND = Not Detected

	Surv	ey Date												03/22	2/2017										
	Surve	у Туре												B - Barg	ge Based										
Co	nstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Comr	nents			Pile R	emoval (C	utting) Ex	ktreme	ly winc	ly and	rough in s	shallov	v wate	r on up	currer	nt side.	
	Т	ide												E	bb										
	Source	Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distan Sou						Ap	prox. 30	0 ft ¹											50 ft ²						
Samp	le ID		032217-PRRT-E-U															032	2217-PRF	RT-E-D					
Sample	Time						10:08												09:30						
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)																	(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 Stand		*	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	-	ı	16	0.0006
esult ⁴	s	_	NS																NS						
Analytical Result⁴	М	463	63 ND												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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- ² Samples collected as close to turbidity curtain as practicable
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- ⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom
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ND = Not Detected

	Surv	ey Date												03/23	3/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	nstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Com	nents							Pile R	emova	l (Jetting))					
	Т	ide													bb										
		Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)									[Downcur	rent					
Distan Sou						Ap	prox. 30	00 ft ¹											50 ft ²						
Samp	le ID			317-PRF							032	317-PRF	RT-E-D	ı											
Sample	Time						10:20												09:41						
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
Un	it	(ppm)					(ppb)						(ppm)					(ppb)					
Detec Lim		Ambient + 100	0.05			1	1	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	1	1	1	1	0.2	0.2	0.2	0.2		0.1
Water 0		*	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
esult ⁴	s						NS												NS						
Analytical Result ⁴	М	136	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS	-					

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- ² Samples collected as close to turbidity curtain as practicable
- 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
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ND = Not Detected

	Surv	ey Date												03/23	3/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	nstruct	ion Activ	ity	TS	SS - R	ock Dri	lling		Comr	nents				Turbio	lity obser	ved ou	tside o	f turbi	dity curtai	ns dur	ing roc	k drillir	ng.		
	Т	ide												E	bb										
		Location												Rocklan	d Trestle										
Sam Loca						Upcu	rrent (A	mbien	t)										Downcur	rent					
Distan Sou						Ар	prox. 25	60 ft ¹											25 ft ²						
Samp	le ID					0323	317-TUR	B-E-U										032	2317-TUR	RB-E-D					
Sample	Time						12:03												11:40						
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)		•			•	(ppm)					(ppb)				•	
Detec Lim		Ambient + 100	0.05				1	0.2	0.2	0.2	0.2	ı	0.1	Ambient + 100	0.05		ı	1	1	0.2	0.2	0.2	0.2	1	0.1
Water 0		*	0.0007	8.2	5.6	8.0	66	1	-		1	16	0.0006	*	0.0007	8.2	5.6	8.0	66		-	1	-	16	0.0006
esult ⁴	s						NS												NS						
Analytical Result ⁴	М	135	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	119	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surv	ey Date												03/24	1/2017										
	Surve	у Туре												B - Bar	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pil	e Rem	oval		Com	nents							Pile R	emova	al (Cutting)					
	Т	ide												FI	ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion	Upcurrent (Ambient)																l	Downcur	rent					
Distan Sou		Approx. 200 ft ¹																	100 ft	2					
Samp	le ID					0324	417-PRF	RT-F-U										03	2417-PRF	RT-F-D	1				
Sample	Time						09:46												10:16						
		_							P	СВ		Ф	ne	_							P	СВ		Ð	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	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 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 Result⁴	М	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

	Surv	ey Date												03/24	4/2017										
	Surve	у Туре												B - Bar	ge Based										
Co	onstruct	ion Activ	ity	T:	SS - R	ock Dri	illing		Com	nents				Turbi	idity obse	rved o	utside	of turb	idity curta	ins du	ring ro	ck drill	ing		
	Т	ide												FI	ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion	Upcurrent (Ambient)																l	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																5 ft ²						
Samp	le ID					0324	117-TUF	RB-F-U										03	2417-TUF	RB-F-D)				
Sample	Time						17:21												17:15						
									P	СВ		a)	ne	_							PC	СВ	1	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)			1		((ppb)						(ppm)			1		((ppb)				ı	
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		*	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 Result⁴	М	38.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	63.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	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 as close to turbidity curtain as practicable
- 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, pursuant to drilled shafts monitoring conditions in WQMP Rev 8.

	Surv	ey Date												03/27	7/2017										
	Surve	у Туре												B - Bar	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pil	e Rem	oval		Com	ments							Pile R	emova	al (Cutting)					
	Т	ide												FI	ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion	Upcurrent (Ambient)																l	Downcur	rent					
Distan Sou		Approx. 300 ft ¹																	50 ft ²						
Samp	le ID					032	717-PRF	RT-F-U										03	2717-PRF	RT-F-D	1				
Sample	Time						11:06												10:45						
		_							P	СВ		О	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)					
Detection	n 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 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
esult4	s				•		NS												NS						
Analytical Result⁴	М	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

	Surv	ey Date												03/28	3/2017										
	Surve	у Туре												B - Bar	ge Based										
Co	onstruct	ion Activ	ity	Р	R - Pil	e Rem	oval		Com	ments							Pile R	emova	al (Cutting)					
	Т	ide												FI	ood										
		Location												Rocklar	nd Trestle	1									
Sam Loca	tion	Upcurrent (Ambient)																l	Downcur	rent					
Distan Sou		Approx. 300 ft ¹																	100 ft	2					
Samp	le ID					0328	317-PRF	RT-F-U										03	2817-PRF	RT-F-D	1				
Sample	Time						12:15												11:45						
		_							P	СВ		О	ne	_							P	СВ	1	Ð	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			1	ı	0.2	0.2	0.2	0.2		0.1	Ambient + 100	0.05		-	-		0.2	0.2	0.2	0.2	I	0.1
Water 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
esult4	s						NS								•				NS						
Analytical Result⁴	М	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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

	Surv	ey Date												03/29	9/2017										
	Surve	у Туре												B - Barç	ge Based										
Co	onstruct	on Activ	ity	Р	R - Pil	e Rem	oval		Com	nents							Pile R	emova	al (Cutting)					
	-	ide													ood										
		Location												Rocklar	nd Trestle										
Sam Loca	tion					Upcu	rrent (A	mbien	t)									l	Downcur	rent					
Distan Sou			Approx. 300 ft ¹																50 ft ²						
Samp	le ID					0329	917-PRF	RT-F-U										03	2917-PRF	RT-F-D					
Sample	Time						09:32												10:34						
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+	(nnm)						ppb)	Ā	Ā	Ā		B							(ppb)	Ā	Ā	Ā		B
UII	III.	(ppm)		1				ppu)		l	l			(ppm)			l	l	· '	(ppb)		l			
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		•				NS												NS						
Analytical Result⁴	М	47.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В						NS												NS						

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- ² Samples collected as close to turbidity curtain as practicable
- 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.

Survey Date														03/29	9/2017										
Survey Type														B - Barç	ge Based										
C	DEC - Decanting Comments							Drill cuttings/airlift scow at Rockland Trestle																	
Tide					Flood																				
Source Location					Rockland Trestle																				
Sam Loca	tion	Upcurrent (Ambient)										Downcurrent													
Distan Sou	Approx. 350 ft ¹											40 ft ²													
Sample ID		032917-DSDC-F-U										032917-DSDC-F-D													
Sample Time		12:40										12:03													
meter	Parameter		Mercury	Nickel	Copper	Lead	Zinc	r 1242		r 1254	r 1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	r 1242	r 1248		r 1260	Naphthalene	Benzo(a)pyrene
Para	Para		Ме	ž	ပိ	Ľ	Z	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naph	Benzo(os dsng ¹ L	Ме	Ž	ပိ	רי	Z	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naphi	Benzo(
Unit		(ppm)		(ppb)										(ppm) (ppb)											
Detection Limit ³		Ambient + 100	0.05	I			1	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	ı		1	ŀ	0.2	0.2	0.2	0.2		0.1
	Water Quality Standard ³		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	NS										NS													
Analytical Result⁴	М	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	NS										NS													

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- ² Samples collected as close to turbidity curtain as practicable
- 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.

Survey Date														03/30)/2017										
Survey Type														B - Barç	ge Based										
C	PR - Pile Removal Comments							Pile Removal (Cutting)																	
Tide					Flood																				
Source Location					Rockland Trestle																				
Sam Loca	tion	Upcurrent (Ambient)										Downcurrent													
Distar Sou		Approx. 300 ft ¹											50 ft ²												
Sample ID		033017-PRRT-F-U										033017-PRRT-F-D													
Sample Time		12:56										13:21													
iter		pep s	Ž.	-	er	-		242		B 55	560	lene	yrene	l ded s	ry	<u></u>	er	_		242	248 DG		760	lene	yrene
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
Unit		(ppm)		(ppb)										(ppm) (ppb)											
Detection Limit ³		Ambient + 100	0.05	-			1	0.2	0.2	0.2	0.2	1	0.1	Ambient + 100	0.05	1		1		0.2	0.2	0.2	0.2		0.1
	Water Quality Standard ³		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	NS										NS													
Analytical Result⁴	М	36.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Analy	В	NS										NS													

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- ² Samples collected as close to turbidity curtain as practicable
- 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
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- 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.