	Surv	ey Date											04/05	5/2017											
	Surve	еу Туре											B - Barge Based												
Co	onstruct	ion Activ	[DEC - I	Decant	ing		Com	ments				Rock Drilling/ Airlift Barge												
	T	ide											E	bb											
	Source	Location											Rocklan	d Trestle											
Sam Loca		on Opcurrent (Ambient)											Downcurrent												
Distan Sou		Approx. 400 ft ¹												50 ft ²											
Samp	le ID	040517-DSDC-E-U											040517-DSDC-E-D												
Sample	Time	09:56												09:41											
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)						
Detec Lim		Ambient + 100	0.05				ı	0.2	0.2	0.2	0.2	1	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	1		-		16	0.0006	*	0.0007	8.2	5.6	8.0	66				-	16	0.0006
esult ⁴	s						NS												NS						
Analytical Result⁴	М	22.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	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											04/05	5/2017												
	Surve	у Туре											B - Barge Based												
Co	onstruct	ion Activ	Р	R - Pile	e Remo	oval		Com	ments				Pile Removal (Anchor Handler)												
	Т	ide											E	bb											
	Source	Location											Rocklan	d Trestle											
Sam Loca		on Upcurrent (Ambient)											Downcurrent												
Distan Sou		Approx. 300 ft ¹												50 ft²											
Samp	le ID	040517-PRRT-E-U										040517-PRRT-E-D													
Sample	Time	13:07											13:36												
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	iit	(ppm) (ppb)											(ppm)					(ppb)						
Detec Lim		Ambient + 100	0.05			1	ı	0.2	0.2	0.2	0.2	1	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			-	1	16	0.0006
esult ⁴	s	_					NS												NS						
Analytical Result⁴	М	36.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.5	ND	ND	ND	ND	62	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											04/11	1/2017												
Survey Type														B - Barge Based												
Co	onstruct	ion Activ	ity	[DEC - I	Decant	ing		Com	nents				Rock Drilling/Airlift Barge												
		ide													ood											
		Location												Rocklar	nd Trestle											
Sam Loca	tion	Upcurrent (Ambient)												Downcurrent												
Distan Sou		Approx. 300 ft ¹												50 ft ²												
Samp	le ID	041117-DSDC-F-U												041117-DSDC-F-D												
Sample	Time	08:30												08:01												
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		Aroclor 1260	Naphthalene	Benzo(a)pyrene	
Pars	Para		Me	Ż	ပိ	7	Z	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Naph	Benzo(os dsng '1	Me	ΙN	ပိ	٦	Z	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclo	Naph	Benzo(
Ur	nit	(ppm)	(ppb)											(ppm)						(ppb)						
Detectio	n Limit ³	Ambient + 100	0.05				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 (*	0.0007	8.2	5.6	8.0	66	-	1	-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66			-	-	16	0.0006	
esult⁴	s						NS												NS							
Analytical Result⁴	М	60	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.

											04/11	1/2017														
	Surve	у Туре											B - Barg	ge Based												
Co	nstruct	ion Activ	ity	Р	R - Pile	e Remo	oval		Comr	ments				Pile Removal (Anchor Handler)												
	Т	ide												E	Ebb											
	Source	Location											Rocklan	nd Trestle												
Sam Loca						Upcu	rrent (A	mbien	t)					Downcurrent												
Distan Sou		Approx. 300 ft ¹												50 ft²												
Samp	le ID	041117-PRRT-E-U												041117-PRRT-E-D												
Sample	Time	15:55												15:00												
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)										(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 Stand		*	0.0007	8.2	5.6	8.0	66	1	ı		-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	ı	ı	-	ı	16	0.0006	
esult ⁴	s	_					NS		_					_					NS							
Analytical Result⁴	М	44.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	214	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

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.