	Surve	ey Date												09/08	3/2016												
	Surve	y Type												V - Vess	sel Based												
Co	nstruct	ion Activ	ity		DEC - [Decant	ing		Com	nents																	
		ide													bb												
		Location										Rockland Trestle Permanent Maintenance Facility															
Sam _l Locat	tion					Upcu	rrent (A	mbien	it)					Downcurrent													
Distand Sour						Appro	x. 500 -	1000 f	ft ¹					130 ft²													
Sampl	le ID		090816-DRDC-E-U												090816-DRDC-E-D												
Sample	Time	07:55													07:29												
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		
Uni	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 Quality Standard ³ * 0.0007					8.0	66		-	-	1	16	0.0006	*	0.0007	8.2	5.6	8.0	66		1	-	1	16	0.0006		
sult ⁴	s	NS											NS														
Analytical Result ⁴	М	27.5 ND								ND	8.5	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 the 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

	Surve	ey Date												09/15/2016													
	Surve	у Туре												V - Vess	sel Based												
Co	onstructi	ion Activ	ity	[DEC - I	Decant	ing		Com	ments																	
	T	ide													ood												
		Location										Rock	kland Tres	Trestle Permanent Maintenance Platform													
Sam Loca						Upcu	rrent (A	mbien	t)					Downcurrent													
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²													
Samp	le ID		091516-DRDC-F-U												091516-DRDC-F-D												
Sample	Time	07:53												07:35													
Parameter		Solids	Mercury	Nickel	Copper	Lead	Zinc	1242		1254 B	1260	Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	1242	1248 Jd		1260	Naphthalene	Benzo(a)pyrene		
Parar		Total Sus Sol	Merc	Nic	Cop	Le	Zii	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Napht	Benzo(a	Total Sus Sol	Merc	Nic	Сор	Le	Zir	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Napht	Benzo(a		
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	1	0.1		
Water Quality Standard ³		*	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 Resulf⁴	М	M 21 ND							ND	37.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Analy	В	NS										•						NS		•				•			

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	Surve	ey Date												09/19/2016														
	Surve	у Туре												V - Vess	sel Based													
Co	onstructi	ion Activ	ty	[DEC - I	Decant	ing		Com	ments				-														
	Ti	ide												Fl	ood													
		Location										Rock	dand Tres	Trestle Permanent Maintenance Platform														
Sam Loca	tion					Upcu	rrent (A	mbien	t)					Downcurrent														
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²														
Samp	le ID		091916-DRDC-F-U												091916-DRDC-F-D													
Sample	Time		08:08													07:46												
Parameter		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			
Par		Total S S	Me	Z	ŏ	1	?	Arock	Arock	Arock	Arock	Nap	Benzo	Total S S	Me	Z	ŏ	1	.,	Arock	Arock	Arock	Arock	Napł	Benzo			
Un	it	(ppm)		(ppb)										(ppm)						(ppb)								
Detectio	n Limit³	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 Quality Standard ³		*	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 Result⁴	™ M 36.3 ND 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											·		ļ	Į.			NS						ļ			

ND = Not Detected

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² Samples collected as close to the 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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	Survey Date Survey Type													09/22/2016													
	Surve	у Туре												V - Vessel Based													
Co	nstruct	ion Activ	ity		DEC - [Decant	ing		Comr	nents																	
	Т	ide													Ebb												
		Location										Roc	kland Tre	Trestle Permanent Maintenance Platform													
Sam Loca						Upcu	rrent (A	mbien	t)					Downcurrent													
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²													
Samp	le ID		092216-DRDC-E-U												092216-DRDC-E-D												
Sample	Time		09:15												08:57												
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		ı	1	-	0.2	0.2	0.2	0.2	-	0.1		
Water C		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	1	1	1	1	16	0.0006		
esult ⁴	s	NS										NS															
Analytical Result ⁴	M 34.5 ND							ND	ND	40.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Analy	В	NS																NS									

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ND = Not Detected

	Surve	ey Date												09/27/2016													
	Surve	у Туре												V - Vessel Based													
Co	onstructi	ion Activ	ty	[DEC - I	Decant	ing		Com	ments				Florid													
	Ti	ide												Fl	ood												
		Location										Rock	dand Tres	Trestle Permanent Maintenance Platform													
Sam Loca						Upcu	rrent (A	mbien	t)					Downcurrent													
Distan Sou						Appro	x. 500 -	1000 f	t ¹					500 ft ²													
Samp	le ID		092716-DRDC-F-U												092716-DRDC-F-D												
Sample	Time		07:38													07:23											
Parameter		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		
Ä		Total	V		J			Aroc	Aroc	Aroc	Aroc	Nap	Benz	Total	2		Ŭ			Aroc	Aroc	Aroc	Aroc	Nap	Benz		
Un	it	(ppm)		(ppb)										(ppm)						(ppb)							
Detectio	n Limit ³	Ambient + 100	0.05				ı	0.2	0.2	0.2	0.2	I	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		1			16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006		
sult4	S NS									•									NS	•							
Analytical Result⁴	М	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Analy	В	NS										!						NS						ļ			

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