

Survey Date		02/02/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal					Comments					Pile Jetting													
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)										Downcurrent													
Distance to Source		Approx. 300 ft <sup>1</sup>										50 ft <sup>2</sup>													
Sample ID		020217-PRRT-E-U										020217-PRRT-E-D													
Sample Time		09:35										09:22													
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)										(ppm)	(ppb)											
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS										NS													
	M	33.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS										NS													

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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		02/03/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal					Comments					Pile Jetting													
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		020317-PRRT-E-U											020317-PRRT-E-D												
Sample Time		10:00											09:38												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	32.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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		02/06/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal					Comments					Pile Jetting													
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		020617-PRRT-E-U											020617-PRRT-E-D												
Sample Time		10:42											10:34												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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		02/07/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal				Comments				Pile Jetting. Upcurrent sample very shallow. Delayed due to movement of barge.															
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		020717-PRRT-E-U											020717-PRRT-E-D												
Sample Time		10:40											09:25												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	64.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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.

<b>Survey Date</b>		02/08/2017																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		PR - Pile Removal					<b>Comments</b>																		
<b>Tide</b>		Flood																							
<b>Source Location</b>		Rockland Trestle																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											20 ft <sup>2</sup>												
<b>Sample ID</b>		020817-PRRT-F-U											020817-PRRT-F-D												
<b>Sample Time</b>		08:40											08:17												
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>			
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>										
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS												
	<b>M</b>	39.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	<b>B</b>	NS											NS												

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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		02/14/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal				Comments		Pile Dragging and Picking																	
Tide		Flood																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		021417-PRRT-F-U											021417-PRRT-F-D												
Sample Time		12:15											11:21												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(a)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
Analytical Result <sup>4</sup>	S	a											70	ND	ND	ND	5.1	ND	ND	ND	ND	ND	ND	ND	ND
	M	73.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS											
	B	a											102	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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.
- a = Samples not collected due to misinterpretation of sample depth requirements, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		02/15/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal					Comments		Pile Dragging and Picking																
Tide		Flood																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		021517-PRRT-F-U											021517-PRRT-F-D												
Sample Time		12:40											11:48												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(a)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(a)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)										(ppm)	(ppb)											
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
Analytical Result <sup>4</sup>	S	41.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	M	NS											NS												
	B	41.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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		02/16/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal				Comments				Pile Dragging and Picking															
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		021617-PRRT-E-U											021617-PRRT-E-D												
Sample Time		08:50											08:35												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	63.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> S = Near Surface, M = Mid-Depth, B = Near Bottom

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Survey Date		02/17/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal				Comments				Jetting															
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		021717-PRRT-E-U											021717-PRRT-E-D												
Sample Time		10:28											10:12												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	60.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	84.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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		02/21/2017																							
Survey Type		B - Barge Based																							
Construction Activity		PR - Pile Removal				Comments				Jetting															
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		022117-PRRT-E-U											022117-PRRT-E-D												
Sample Time		10:30											10:06												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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		02/21/2017																							
Survey Type		B - Barge Based																							
Construction Activity		DEC - Decanting				Comments				Drilled Shafts Decanting of Airlifting spoils barge.															
Tide		Ebb																							
Source Location		Rockland Trestle																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
Sample ID		022117-DSDC-E-U											022117-DSDC-E-D												
Sample Time		10:35											11:19												
Parameter	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	Total Suspended Solids	Mercury	Nickel	Copper	Lead	Zinc	PCB				Naphthalene	Benzo(e)pyrene	
							Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260									Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260			
Unit		(ppm)	(ppb)											(ppm)	(ppb)										
Detection Limit <sup>3</sup>		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 <sup>3</sup>		*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result <sup>4</sup>	S	NS											NS												
	M	19.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	NS											NS												

Notes: <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

<sup>2</sup> Samples collected as close to turbidity curtain as practicable

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

<sup>4</sup> 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.

<b>Survey Date</b>		02/22/2017																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		PR - Pile Removal					<b>Comments</b>					Jetting													
<b>Tide</b>		Flood																							
<b>Source Location</b>		Rockland Trestle																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											100 ft <sup>2</sup>												
<b>Sample ID</b>		022217-PRRT-F-U											022217-PRRT-F-D												
<b>Sample Time</b>		9:17											8:51												
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>			
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>										
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS												
	<b>M</b>	15.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	<b>B</b>	NS											NS												

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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.

<b>Survey Date</b>		02/23/2017																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		PR - Pile Removal					<b>Comments</b>					Jetting													
<b>Tide</b>		Flood																							
<b>Source Location</b>		Rockland Trestle																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
<b>Sample ID</b>		022317-PRRT-F-U											022317-PRRT-F-D												
<b>Sample Time</b>		10:05											09:42												
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>			
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>										
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS												
	<b>M</b>	22.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	<b>B</b>	NS											NS												

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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.

<b>Survey Date</b>		02/24/2017																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		PR - Pile Removal					<b>Comments</b>					Jetting													
<b>Tide</b>		Flood																							
<b>Source Location</b>		Rockland Trestle																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
<b>Sample ID</b>		022417-PRRT-F-U											022417-PRRT-F-D												
<b>Sample Time</b>		09:17											08:35												
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>			
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>										
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS												
	<b>M</b>	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	<b>B</b>	NS											NS												

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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.

<b>Survey Date</b>		02/27/2017																								
<b>Survey Type</b>		B - Barge Based																								
<b>Construction Activity</b>		TSS - Rock Drilling				<b>Comments</b>		Turbidity observed during Rock Drilling, future similar samples will use TURB code in Sample ID.																		
<b>Tide</b>		Flood																								
<b>Source Location</b>		Rockland Trestle																								
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>													
<b>Distance to Source</b>		Approx. 15 ft <sup>1</sup>											25 ft <sup>2</sup>													
<b>Sample ID</b>		022717-DSAM-F-U											022717-DSPL-F-D													
<b>Sample Time</b>		10:37											10:30													
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>		
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>				
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>											
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS													
	<b>M</b>	30.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	27.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	<b>B</b>	NS											NS													

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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 conditons in WQMP Rev 8.

<b>Survey Date</b>		02/27/2017																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		PR - Pile Removal					<b>Comments</b>																		
<b>Tide</b>		Flood																							
<b>Source Location</b>		Rockland Trestle																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
<b>Sample ID</b>		022717-PRRT-F-U											022717-PRRT-F-D												
<b>Sample Time</b>		10:02											09:35												
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>			
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>										
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS												
	<b>M</b>	59.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	<b>B</b>	NS											NS												

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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.



<b>Survey Date</b>		02/28/2017																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		PR - Pile Removal					<b>Comments</b>					Pile Removal (Torch Cutting)													
<b>Tide</b>		Flood																							
<b>Source Location</b>		Rockland Trestle																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											50 ft <sup>2</sup>												
<b>Sample ID</b>		022817-PRRT-F-U											022817-PRRT-F-D												
<b>Sample Time</b>		09:36											09:15												
<b>Parameter</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	<b>Total Suspended Solids</b>	<b>Mercury</b>	<b>Nickel</b>	<b>Copper</b>	<b>Lead</b>	<b>Zinc</b>	<b>PCB</b>				<b>Naphthalene</b>	<b>Benzo(a)pyrene</b>	
							<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>									<b>Aroclor 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>			
<b>Unit</b>		<b>(ppm)</b>	<b>(ppb)</b>											<b>(ppm)</b>	<b>(ppb)</b>										
<b>Detection Limit<sup>3</sup></b>		<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.05	-	-	-	-	0.2	0.2	0.2	0.2	-	0.1
<b>Water Quality Standard<sup>3</sup></b>		*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006	*	0.0007	8.2	5.6	8.0	66	-	-	-	-	16	0.0006
<b>Analytical Result<sup>4</sup></b>	<b>S</b>	NS											NS												
	<b>M</b>	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	<b>B</b>	NS											NS												

- Notes:
- <sup>1</sup> Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible
  - <sup>2</sup> Samples collected as close to turbidity curtain as practicable
  - <sup>3</sup> Based on New York State Department of Environmental Conservation (NYSDEC) Permit Facility ID 3-9903-00043/00012-14
  - <sup>4</sup> 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.