

<b>Survey Date</b>		10/20/16																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		DS - Drilled Shafts				<b>Comments</b>				Drilled Shafts Turbidity Observed outside of containment															
<b>Tide</b>		Flood																							
<b>Source Location</b>		P42EB																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											Approx. 5 ft <sup>2</sup>												
<b>Sample ID</b>		20161020-DS-AMBIENT-M											20161020-DS-PLUME-M												
<b>Sample Time</b>		13:10											12:59												
<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>	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.07	3.7	2.6	1.8	5.6	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>	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.8	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 in plume 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		10/21/16																							
Survey Type		B - Barge Based																							
Construction Activity		DS - Drilled Shafts		Comments		Drilled Shafts Turbidity Observed outside of containment																			
Tide		Flood																							
Source Location		P42EB																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 300 ft <sup>1</sup>											Approx. 5 ft <sup>2</sup>												
Sample ID		10/21/2016 10:00											10/21/2016 9:43												
Sample Time		10:00											09:43												
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	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	Ambient + 100	0.07	3.7	2.6	1.8	5.6	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	41.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	149 <sup>5</sup>	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 in plume 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

<sup>5</sup> 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.

<b>Survey Date</b>		10/27/16																							
<b>Survey Type</b>		B - Barge Based																							
<b>Construction Activity</b>		DS - Drilled Shafts					<b>Comments</b>		Drilled Shafts Turbidity Observed outside of containment																
<b>Tide</b>		Flood																							
<b>Source Location</b>		P42EB																							
<b>Sample Location</b>		<b>Upcurrent (Ambient)</b>											<b>Downcurrent</b>												
<b>Distance to Source</b>		Approx. 300 ft <sup>1</sup>											Approx. 5 ft <sup>2</sup>												
<b>Sample ID</b>		DS-P42EB-AFM-20161027											DS-P42EB-PFM-20161027												
<b>Sample Time</b>		10:00											9:45												
<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>	0.07	3.7	2.6	1.8	5.6	0.2	0.2	0.2	0.2	-	0.1	<b>Ambient + 100</b>	0.07	3.7	2.6	1.8	5.6	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>	45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.5	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 in plume 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
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