

Survey Date		09/03/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		090319-DBRI-F-U											090319-DBRI-F-D												
Sample Time		10:36											10:18												
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 ³		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 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
Analytical Result ⁴	S	34	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	23.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	51.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

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 at the edge of the 500 ft mixing zone

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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/04/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		090419-DBRI-F-U											090419-DBRI-F-D												
Sample Time		14:36											14:18												
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 ³		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 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
Analytical Result ⁴	S	43.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	34	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	42	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	84	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	87	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	85.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

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 at the edge of the 500 ft mixing zone

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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/06/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		DBRI - Debris Removal				Comments																		
Tide		Ebb																						
Source Location		B173																						
Sample Location		Upcurrent (Ambient)											Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²											
Sample ID		090619-DBRI-E-U											090619-DBRI-E-D											
Sample Time		09:21											09:04											
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 ³	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 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
Analytical Result ⁴	S	14.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	19.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	10.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	22.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	28.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes: 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 at the edge of the 500 ft mixing zone

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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/09/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		DBRI - Debris Removal					Comments																				
Tide		Ebb																									
Source Location		B173																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		090919-DBRI-E-D												090919-DBRI-E-D													
Sample Time		14:21												14:02													
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 ³		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 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		
Analytical Result ⁴	S	11.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	14.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	13.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	13.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	B	27.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	33.2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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 at the edge of the 500 ft mixing zone

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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/10/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B182																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											600 ft ²												
Sample ID		091019-DBRI-F-U											091019-DBRI-F-D												
Sample Time		08:44											08:33												
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 ³		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 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
Analytical Result ⁴	S	12.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	23.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS												
	B	17.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	21.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

- Notes:
- 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 edge of the 500ft mixing zone 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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/11/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B184																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		091119-DBRI-F-U											091119-DBRI-F-D												
Sample Time		09:03											08:53												
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 Limit³		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 Standard³		*	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 Result⁴	S	NS											NS												
	M	21.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	NS											NS												

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/12/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		DBRI - Debris Removal					Comments																	
Tide		Flood																						
Source Location		B173																						
Sample Location		Upcurrent (Ambient)											Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹											600 ft ²											
Sample ID		091219-DBRI-F-U											091219-DBRI-F-D											
Sample Time		08:56											08:43											
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 ³	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 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
Analytical Result ⁴	S	17.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	27.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	33.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

- Notes:
- 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 edge of the 500ft mixing zone 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
- NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/13/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B175																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											750 ft ²												
Sample ID		091319-DBRI-F-U											091319-DBRI-F-D												
Sample Time		09:10											08:56												
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 ³		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 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
Analytical Result ⁴	S	14.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	14.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	26.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	41.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	41.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

- Notes:
- 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 edge of the 500ft mixing zone 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
- NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/16/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		DBRI - Debris Removal					Comments																			
Tide		Flood																								
Source Location		B175																								
Sample Location		Upcurrent (Ambient)												Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹												600 ft ²												
Sample ID		091619-DBRI-F-U												091619-DBRI-F-D												
Sample Time		10:10												09:57												
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 ³		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 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	
Analytical Result ⁴		S	25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
		M	18.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		B	61.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

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 edge of the 500 ft mixing zone 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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/17/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B175																							
Sample Location		Upcurrent (Ambient)												Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹												600 ft ²											
Sample ID		091719-DBRI-F-U												091719-DBRI-F-D											
Sample Time		10:03												09:49											
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 Limit³		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 Standard³		*	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 Result⁴	S	26	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	14.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	35.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	20.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	59.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	42	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

- 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 edge of the 500 ft mixing zone 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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/18/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		DBRI - Debris Removal				Comments																					
Tide		Ebb																									
Source Location		B179																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		091819-DBRI-E-U												091819-DBRI-E-D													
Sample Time		09:00												08:50													
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 ³		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 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		
Analytical Result ⁴	S	27.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	21.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	NS												NS													
	B	25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	23.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/19/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		TIPC - Timber Pile Cap Foundation Removal		Comments																							
Tide		Ebb																									
Source Location		B145																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		091919-TIPC-E-U												091919-TIPC-E-D													
Sample Time		09:35												09:20													
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 ³		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 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		
Analytical Result ⁴	S	22.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	30.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	NS												NS													
	B	15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	28.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/19/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)												Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹												600 ft ²											
Sample ID		091919-DBRI-F-U												091919-DBRI-F-D											
Sample Time		13:42												13:24											
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 ³		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 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
Analytical Result ⁴	S	34.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	7.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	22.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	37.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	41.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	53	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

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 edge of the 500 ft mixing zone 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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/20/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		TIPC - Timber Pile Cap Foundation Removal				Comments																					
Tide		Ebb																									
Source Location		B147																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		092019-TIPC-E-U												092019-TIPC-E-D													
Sample Time		08:45												08:35													
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 ³		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 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		
Analytical Result ⁴	S	NS												NS													
	M	42.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	74	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	B	NS												NS													

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/20/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		DBRI - Debris Removal					Comments																			
Tide		Flood																								
Source Location		B188																								
Sample Location		Upcurrent (Ambient)												Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹												360 ft ²												
Sample ID		092019-DBRI-F-U												092019-DBRI-F-D												
Sample Time		10:54												10:47												
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 Limit³	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 Standard³	*	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 Result⁴	S	NS												NS												
	M	21.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	24	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	B	NS												NS												

- Notes:
- 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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/23/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		TIPC - Timber Pile Cap Foundation Removal		Comments																							
Tide		Ebb																									
Source Location		B153																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		092319-TIPC-E-U												092319-TIPC-E-D													
Sample Time		09:24												09:12													
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 ³		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 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		
Analytical Result ⁴	S	16	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	30	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	NS												NS													
	B	21.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/23/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		DBRI - Debris Removal		Comments																						
Tide		Ebb																								
Source Location		B186																								
Sample Location		Upcurrent (Ambient)												Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹												330 ft ²												
Sample ID		092319-DBRI-E-U												092319-DBRI-E-D												
Sample Time		09:50												09:41												
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 ³	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 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		
Analytical Result ⁴	S	17.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	NS												NS												
	B	15.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	15.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/24/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		TIPC - Timber Pile Cap Foundation Removal		Comments																							
Tide		Ebb																									
Source Location		B152																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		092419-TIPC-E-U												092419-TIPC-E-D													
Sample Time		09:43												09:26													
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 ³		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 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		
Analytical Result ⁴	S	20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	25.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	NS												NS													
	B	38	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	54.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/25/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		TIPC - Timber Pile Cap Foundation Removal		Comments																							
Tide		Ebb																									
Source Location		B154																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²													
Sample ID		092519-TIPC-E-U												092519-TIPC-E-D													
Sample Time		11:05												10:52													
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 ³		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 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		
Analytical Result ⁴	S	17.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	NS												NS													
	B	20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	21.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		

Notes: 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 at the edge of the 500 ft mixing zone

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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/25/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		DBRI - Debris Removal		Comments																							
Tide		Ebb																									
Source Location		B188																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												185 ft ²													
Sample ID		092519-DBRI-E-U												092519-DBRI-E-D													
Sample Time		11:52												11:41													
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 ³		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 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		
Analytical Result ⁴		S	22.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
		M	NS												NS												
		B	30.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	29.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	

Notes: 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

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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.

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Survey Date		09/26/2019																									
Survey Type		V - Vessel Based																									
Construction Activity		DBRI - Debris Removal				Comments																					
Tide		Ebb																									
Source Location		B188																									
Sample Location		Upcurrent (Ambient)												Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹												450 ft ²													
Sample ID		092619-DBRI-E-U												092619-DBRI-E-D													
Sample Time		10:15												10:08													
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 ³		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 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		
Analytical Result ⁴		S	NS												NS												
		M	29.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
		B	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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Survey Date		09/27/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		DBRI - Debris Removal					Comments																			
Tide		Flood																								
Source Location		B188																								
Sample Location		Upcurrent (Ambient)												Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹												250 ft ²												
Sample ID		092719-DBRI-F-U												092719-DBRI-F-D												
Sample Time		09:15												09:07												
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 Limit³	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 Standard³	*	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 Result⁴	S	NS												NS												
	M	23.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	27.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	B	NS												NS												

Notes:

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

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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, due to approval of reduced monitoring as of 2/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		09/30/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Flood																							
Source Location		B173																							
Sample Location		Upcurrent (Ambient)												Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²											
Sample ID		093019-DBRI-F-U												093019-DBRI-F-D											
Sample Time		09:28												09:09											
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 ³		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 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
Analytical Result ⁴	S	47.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	35.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	96.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	45.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	227	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	78.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

¹ Samples collected at a location up current of the source where the water quality effects of the project are no longer discernible

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