

Survey Date		03/04/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		TIPC - Timber Pile Cap Foundation Removal				Comments																		
Tide		Ebb																						
Source Location		B135																						
Sample Location		Upcurrent (Ambient)											Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²											
Sample ID		030419-TIP2-E-U											030419-TIP2-E-D											
Sample Time		13:20											13:05											
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	27.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	28.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS											
	B	31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	37.8	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		03/04/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		TIPC - Timber Pile Cap Foundation Removal					Comments																		
Tide		Ebb																							
Source Location		B60																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		030419-TIPC-E-U											030419-TIPC-E-D												
Sample Time		12:37											12:25												
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	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	29.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	46.4	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

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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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/05/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		JETT - Jetting					Comments																		
Tide		Flood																							
Source Location		B172																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		030519-JETT-F-U											030519-JETT-F-D												
Sample Time		11:35											11:18												
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	36.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	33.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	37.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	36.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	50.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	48.8	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

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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/05/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		SIDI - Silt Displacement					Comments																		
Tide		Flood																							
Source Location		B172																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		030519-SIDI-F-U											030519-SIDI-F-D												
Sample Time		10:20											09:58												
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	23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	25.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	47.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	55	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	66.3	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

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Survey Date		03/06/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		SIDI - Silt Displacement					Comments																			
Tide		Flood																								
Source Location		B170																								
Sample Location		Upcurrent (Ambient)											Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²													
Sample ID		030619-SIDI-F-U											030619-SIDI-F-D													
Sample Time		11:11											11:00													
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	38.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	24.6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
		M	64.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	50.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		B	69.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	68.4	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
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Survey Date		03/07/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		SIDI - Silt Displacement					Comments																		
Tide		Flood																							
Source Location		B170																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		030719-SIDI-F-U											030719-SIDI-F-D												
Sample Time		11:37											11:22												
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
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	58.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	89.2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		M	NS											NS											
		B	93.6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	96	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.
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Survey Date		03/08/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		SIDI - Silt Displacement						Comments																
Tide		Flood																						
Source Location		B170																						
Sample Location	Upcurrent (Ambient)												Downcurrent											
Distance to Source	Approx. 500 - 1000 ft ¹												500 ft ²											
Sample ID	030819-SIDI-F-U												030819-SIDI-F-D											
Sample Time	09:47												09:31											
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
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	51.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	83.6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS												NS										
	B	122	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	85.3	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 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

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Survey Date		03/11/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		SIDI - Silt Displacement					Comments																	
Tide		Ebb																						
Source Location		B178																						
Sample Location		Upcurrent (Ambient)											Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²											
Sample ID		031119-SIDI-E-U											031119-SIDI-E-D											
Sample Time		09:43											09:33											
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	44	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	47.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS											
	B	63.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	64.5	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
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Survey Date		03/11/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		TIPC - Timber Pile Cap Foundation Removal					Comments																	
Tide		Ebb																						
Source Location		B134																						
Sample Location	Upcurrent (Ambient)												Downcurrent											
Distance to Source	Approx. 500 - 1000 ft ¹												500 ft ²											
Sample ID	031119-TIP1-E-U												031119-TIP1-E-D											
Sample Time	10:14												10:01											
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
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	42	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	60.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS												NS										
	B	55.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	64.3	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 at the edge of the 500 ft mixing zone

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Survey Date		03/11/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		TIPC - Timber pile cap foundation removal					Comments																	
Tide		Flood																						
Source Location		B63																						
Sample Location		Upcurrent (Ambient)											Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²											
Sample ID		031119-TIP2-F-U											031119-TIP2-F-D											
Sample Time		10:58											10:44											
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	38.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	40.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS											
	B	35	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	40	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/12/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		SIDI - Silt Displacement					Comments																		
Tide		Ebb																							
Source Location		B179																							
Sample Location		Upcurrent (Ambient)												Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²											
Sample ID		031219-SIDI-E-U												031219-SIDI-E-D											
Sample Time		10:22												10:10											
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	56.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	60	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS												NS											
	B	58.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	70.5	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/13/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		JETT - Jetting					Comments																			
Tide		Ebb																								
Source Location		B172																								
Sample Location		Upcurrent (Ambient)												Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹												500 ft ²												
Sample ID		031319-JETT-E-U												031319-JETT-E-D												
Sample Time		11:11												10:56												
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	20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	26.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	M	31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	27	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	B	39.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	35.6	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/15/2019																						
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		031519-DBRI-E-U											031519-DBRI-E-D											
Sample Time		09:39											09:22											
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	49.2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	33.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	21	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	27.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	10.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	48.8	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

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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/16/2019																						
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		031619-DBRI-E-U											031619-DBRI-E-D											
Sample Time		12:09											11:51											
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	34.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	19.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	21.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	20.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	39	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/16/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		LIFT - East Anchor Span Lift					Comments																		
Tide		Ebb																							
Source Location		B178																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											900 ft ²												
Sample ID		031619-LIFT-E-U											031619-LIFT-E-D												
Sample Time		12:58											12:32												
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	32.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	M	77.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	72.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- 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

Survey Date		03/18/2019																						
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		031819-DBRI-E-U											031819-DBRI-E-D											
Sample Time		11:24											11:06											
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	33	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	47.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	43.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	47.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	50	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	58.3	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/18/2019																						
Survey Type		V - Vessel Based																						
Construction Activity		JETT - Jetting					Comments																	
Tide		Ebb																						
Source Location		B179																						
Sample Location		Upcurrent (Ambient)											Downcurrent											
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²											
Sample ID		031819-JETT-E-U											031819-JETT-E-D											
Sample Time		12:08											11:56											
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	32.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	32.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS											
	B	42	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	39.8	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/18/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		LIFT - East Anchor Span Lift				Comments																			
Tide		Flood																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		031819-LIFT-F-U											031819-LIFT-F-D												
Sample Time		10:16											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	33.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	M	43.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	71.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- 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
- ND = Not Detected

Survey Date		03/18/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		TIPC - Timber Pile Cap Foundation Removal					Comments																		
Tide		Flood																							
Source Location		B85																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		031819-TIPC-F-U											031819-TIPC-F-D												
Sample Time		09:14											08:58												
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	39.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	52	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS												
	B	46.4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	57.2	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		03/19/2019																							
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		031919-DBRI-F-U											031919-DBRI-F-D												
Sample Time		09:13											08:54												
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	67	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	131	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	149	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	181	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	92	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/19/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		LIFT - East Anchor Span Lift				Comments																			
Tide		Flood																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		031919-LIFT-F-U											031919-LIFT-F-D												
Sample Time		10:41											10:14												
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	60.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	M	78.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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
ND = Not Detected

Survey Date		03/19/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		TIPC - Timber Pile Cap Foundation Removal					Comments																		
Tide		Flood																							
Source Location		B65																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		031919-TIPC-F-U											031919-TIPC-F-D												
Sample Time		09:50											09:37												
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	57	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	78	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS												
	B	67	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	52.7	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

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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/20/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		LIFT - East Anchor Span Lift					Comments																		
Tide		Flood																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											650 ft ²												
Sample ID		032019-LIFT-F-U											032019-LIFT-F-D												
Sample Time		11:01											10:35												
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	74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	116	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	M	132	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B	135	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	144	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- 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

Survey Date		03/22/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		JETT - Jetting					Comments																			
Tide		Flood																								
Source Location		B178																								
Sample Location		Upcurrent (Ambient)											Downcurrent													
Distance to Source		Approx. 500 - 1000 ft ¹											750 ft ²													
Sample ID		032219-JETT-F-U											032219-JETT-F-D													
Sample Time		10:29											10:39													
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	59	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	75.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
		M	68	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	79	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		B	101	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	91.5	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 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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/25/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		JETT - Jetting					Comments																		
Tide		Flood																							
Source Location		B178																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		032519-JETT-F-U											032519-JETT-F-D												
Sample Time		12:25											12:09												
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 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	63.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	59.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	62.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	72	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	78.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	65.5	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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/25/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		TIPC - Timber Pile Cap Foundation Removal					Comments																		
Tide		Flood																							
Source Location		B149																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		032519-TIP1-F-U											032519-TIP1-F-D												
Sample Time		13:31											13:18												
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 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	96	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	67	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS												
	B	104	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	84.5	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

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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/25/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		TIPC - Timber Pile Cap Foundation Removal						Comments																	
Tide		Flood																							
Source Location		B80																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		032519-TIPC-F-U											032519-TIPC-F-D												
Sample Time		13:02											12:50												
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 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	53.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	65	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	NS											NS												
	B	65	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	82.5	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
- 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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		3/26/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		JETT - Jetting					Comments																		
Tide		Ebb																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											700 ft ²												
Sample ID		032619 JETT-E-U											032619 JETT-E-D												
Sample Time		10:52											10:39												
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	55	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	98.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	M	56	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	101	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	B	62	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	89.5	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

NR = Not Required for these parameters, due to approval of reduced monitoring as of 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/28/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		DBRI - Debris Removal					Comments																		
Tide		Ebb																							
Source Location		B185																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID		032819-DBRI-E-U											032819-DBRI-E-D												
Sample Time		13:37											13:31												
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	22.3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	21.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	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 the turbidity curtain as practicable

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

⁴ S = Near Surface, M = Mid-Depth, B = Near Bottom

-- No detection limit or water quality standard

* None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages

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 02/14/2019, pursuant to Condition 64 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.

Survey Date		03/28/2019																								
Survey Type		V - Vessel Based																								
Construction Activity		LIFT - East Anchor Span Lift				Comments																				
Tide		Ebb																								
Source Location		B176																								
Sample Location	Upcurrent (Ambient)												Downcurrent													
Distance to Source	1200 ft ¹												900 ft ²													
Sample ID	032819-LIFT-E-U												032819-LIFT-E-D													
Sample Time	13:05												12:42													
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	14.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	M	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	B	23.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

- 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

Survey Date		03/30/2019																							
Survey Type		V - Vessel Based																							
Construction Activity		LIFT - East Anchor Span Lift				Comments																			
Tide		Ebb																							
Source Location		B176																							
Sample Location		Upcurrent (Ambient)											Downcurrent												
Distance to Source		Approx. 500 - 1000 ft ¹											750 ft ²												
Sample ID		033019-LIFT-E-U											033019-LIFT-E-D												
Sample Time		11:28											11:03												
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	10.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	M	13.2	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	23.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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