

Survey Date		05/20/2016																						
Survey Type		V - Vessel Based																						
Construction Activity		PRO - Profiling					Comments																	
Tide		Ebb																						
Source Location		Pier 42 EB																						
Sample Location	Upcurrent (Ambient)											Downcurrent												
Distance to Source	Approx. 500 - 1000 ft ¹											500 ft ²												
Sample ID	052016-P42E-E-U											052016-P42E-E-D												
Sample Time	16:23											16:10												
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	0.05	--	--	--	--	0.2	0.2	0.2	0.2	--	0.1	Ambient + 100	0.05	--	--	--	--	0.2	0.2	0.2	0.2	--	0.1
Water Quality Standard ³	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006	*	0.0007	8.2	5.6	8.0	66	--	--	--	--	16	0.0006
Analytical Result ⁴	S	NS											NS											
	M	37.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.3	ND	6.1	ND	ND	ND	ND	ND	ND	ND	ND
	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

ND = Not Detected

NS = Not Sampled due to water depth, pursuant to 8/6/13 modification to Condition 60 of NYSDEC Permit Facility ID 3-9903-00043/00012-14.