



CONSTITUTION PIPELINE

*New York State Department of Environmental Conservation and  
U.S. Army Corps of Engineers  
Joint Application – Supplemental Information  
Constitution Pipeline  
Broome, Chenango, Delaware, [Otsego](#), and Schoharie Counties*

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## **ATTACHMENT J**

### **WATERBODY AND WETLANDS IMPACTS MASTER TABLE**

**Updated August 2014**



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>			
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)	
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)				
WETLANDS AND STREAMS ASSOCIATED WITH PIPELINE																																					
Stream	26.37	BR-1C-S207	56 of 220	27	42.008452	-75.527222	--	UNT to Cascade Creek	I	I	D	N/A	No		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	17	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--		
Stream	26.48	BR-1C-S230	57 of 220	27	42.009781	-75.526217	--	UNT to Cascade Creek	E	I	D	N/A	--		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	10	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--		
Stream	26.48	BR-1C-S230A	57 of 220	27	42.009813	-75.526187	--	UNT to Cascade Creek	E	MI	D	N/A	--		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO	26.54	BR-1C-W260	79 of 368	27	42.011096	-75.525934	N/A	--	--	--	--	--	--		II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	32	0.05	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	--	--	--
PFO	26.56	BR-1C-W217	80a of 368	27	42.011440	-75.526269	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	138	0.14	0.00	0.00	0.06	0.00	0.00	0.08	0.00	0.00	0.00	0.00	--	--	--	
	26.64				42.011639	-75.526542									II	Vegetation Clearing / Pipeline Installation		--	--	--	189	0.24	0.00	0.00	0.11	0.00	0.00	0.13	0.00	0.00	0.00	0.00	--	--	--		
Stream	26.58	BR-1S-S207D	58 of 220	27	42.011130	-75.525882	--	UNT to Cascade Creek	E	MI	D	N/A	--		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	26.58	BR-1S-S207C	58 of 220	27	42.011175	-75.525904	--	UNT to Cascade Creek	P	MI	D	N/A	--		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	26.58	BR-1S-S207E	58 of 220	27	42.011210	-75.525922	--	UNT to Cascade Creek	E	MI	D	N/A	--		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stream	26.59	BR-1S-S206	58 of 220	27	42.011286	-75.525989	--	UNT to Cascade Creek	I	I	D	N/A	No		II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	15	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PFO	26.64	BR-1S-W216	80a of 368	27	42.012846	-75.527958	N/A	--	--	--	--	--	--		II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	21	0.00	0.07	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--	
Stream	26.69	BR-1S-S205	59 of 220	28	42.012195	-75.527372	--	UNT to Cascade Creek	I	N/A	D	N/A	--		N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	26.75	BR-1C-S204	60 of 220	28	42.012953	-75.527999	N/A	UNT to Cascade Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	No time of year restrictions, per DEC.	N/A	6	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PEM	26.81	BR-1H-W151	81 of 368	28	42.014370	-75.527990	N/A	--	--	--	--	--	--		II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	29	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	27.30	BR-1C-S211	60a of 220	28	42.020308	-75.525743	N/A	UNT to Fly Creek	I	I	B(T)	815-823	--		II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53,		June 1- Sept. 30	12	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PSS, PEM	27.32	BR-1C-W263	81a of 368	28	42.020625	-75.525715	N/A	--	--	--	--	--	--		II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	251	0.00	0.33	0.06	0.00	0.29	0.06	0.00	0.00	0.04	0.00	0.00	--	--	--	
Stream	27.33	BR-1C-S210	60a of 220	28	42.020934	-75.525671	N/A	UNT to Fly Creek	I	MI	B(T)	815-823	--		II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53,		June 1- Sept. 30	6	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	28.19	BR-1L-S222	61 of 220	29	42.029432	-75.515712	--	UNT to Fly Creek	E	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	



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Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>					
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
PEM	28.24	BR-1L-W253	82 of 368	29	42.030086	-75.515889	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	28.36	BR-1H-S179	62 of 220	29	42.031820	-75.515703	--	UNT to Fly Creek	P	I	B (T)	815-822	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66	The channel is incised downstream, and would need grade control (rock riffle or cross vanes) to ensure headcut doesn't develop further, per DEC. No alterations to crossing were requested. This would have time of year concerns, per DEC, as it is borderline habitat.	June 1-Sept. 30	18	1742	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PSS	28.36	BR-1H-W211	83 of 368	29	42.032168	-75.515472	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	40	0.00	0.08	0.00	0.00	0.07	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--		
PEM/PSS	28.61	BR-1J-W210	84-85 of 368	30	42.035622	-75.516210	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	261	0.00	0.01	0.36	0.00	0.01	0.36	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS	28.63				42.036317	-75.515915	N/A	--	--	--	--	--	--	--	--	N/A		II	Vegetation Clearing / Pipeline Installation		--	--	--	--	43	0.00	0.11	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
Stream	28.78	BR-1H-S178	63 of 220	30	42.037390	-75.516366	--	Fly Creek	P	I	B (T)	815-822	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Eroding banks present, including a 6-foot cutbank upstream and 4-foot cutbank downstream of the initial crossing site. Per DEC, consider using rock vanes to direct flow away from banks to prevent further erosion. Per DEC, use of riprap to armor banks should be avoided. The crossing distance and corners to needed to cross this stream, Rt. 17, and stream on the north side of the highway limit construction options. The distance is too short for HDD and too long for direct push methods. Investigating a shift in the crossing to an area already disturbed in order to avoid impact on shaded area of stream.	June 1-Sept. 30	31	1742	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PEM	28.83	BR-1B-W048	86 of 368	30	42.037697	-75.517261	N/A	--	--	--	--	--	--	N/A	IV	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	15	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	28.88	BR-1B-S049	64 of 220	29	42.038278	-75.517583	--	UNT to Fly Creek	I	I	B (T)	815-822	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	HDD cannot be used given the terrain and space constraints. A very steep left bank and bank drop at this crossing would require the use of ECD, water bars and natural materials (riparian plantings and willow stakes) for bank stabilization, per DEC. Per DEC, the steep bank also warrants the evaluation of engineered bank stabilization at the toe slope and the use of a sump pump during construction. A mix of fast and slow growing trees and other plantings along the riparian edge and continuing up the bank is required to restore and provide additional shade. The USACE discussed the need for site specific plans with identified construction methods. For future planning, ROW management requires trees located in the 50-foot ROW be less than 15-foot tall and areas within 10-feet of the pipeline be cleared for weekly flyovers.	June 1-Sept. 30	12	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stream	28.96	BR-1J-S170	65 of 220	30	42.039323	-75.518316	--	UNT to Fly Creek	I	MI	D	N/A	No	N/A	III	N/A	1, 2, 5, 6, 7, 53	--	N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	29.07	BR-1H-S208	66 of 220		42.040849	-75.518376	--	UNT to Fly Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	29.24	BR-1J-S048	67 of 220	30	42.042839	-75.516640	--	UNT to Fly Creek	P	I	B (T)	815-822	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 114	Substantial grading will have to take place from the culvert up to the crossing to have grade control to prevent headcutting. Per DEC, a culvert replacement will likely improve stream stability. If the stream crossing location currently proposed is used, the pipe should be buried deep to protect from head cutting. As proposed, the pipeline will be buried to a depth of 5 feet at this location.	June 1-Sept. 30	18	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PEM	29.33	BR-1H-W206	87 of 368	30	42.043610	-75.515318	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	29.42	BR-1I-S050B	68 of 220	30	42.044722	-75.514386	--	UNT to Fly Creek	E	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	16	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--			



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																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)						Crossing Length (ft)	Construction (Acres)	Operation (Acres)								
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)												
Stream	29.77	BR-11-S051	69 of 220	31	42.049572	-75.512682	--	UNT to Fly Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
PEM	29.81	BR-11-W052	88 of 368	31	42.050148	-75.512216	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	80	0.00	0.00	0.16	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--								
PFO	30.40	BR-1C-W268	88a of 368	31	42.056950	-75.506798	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--									
Stream	30.41	BR-11-S001	70 of 220	31	42.057032	-75.507101	N/A	UNT to Marsh Creek	P	I	C(T)	815-828	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 67	Determined by NYSDEC to be jurisdictional with timing restrictions. A re-route moved this stream 300 feet downstream to avoid a landslide zone. Both the left and right banks are relatively steep and significant slope stabilization will be necessary to minimize erosion after installing the pipeline. The crossing is on bedrock and the DEC/USACE had concerns with the method used to close the trench over the pipe. They stated that concrete articulated mats have not worked on other sites and recommended avoiding the use of these methods. Since the substrate is ledge and has minimal habitat suitability for trout, the key issues are water quality related, minimizing loss of tree canopy, and preventing bankside erosion. USACE asked that the crossing be placed downstream of the 1.5' drop already existing in the bedrock to avoid further grade control after installation. The new crossing is ~10' downstream of the gradient change/step pool area. Overall, the new location is at a better crossing and timing restrictions apply to this C(T) stream.	June 1- Sept. 30	40	2178	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PEM	30.47	BR-11-W055	89 of 368	32	42.057759	-75.507398	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--								
PEM	30.51	BR-11-W056	90 of 368	32	42.057980	-75.506526	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	4	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--								
PEM	30.55	BR-11-W054B	91 of 368	32	42.058518	-75.505742	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	67	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--								
PEM	30.55	BR-11-W054C	92 of 368	32	42.058764	-75.505646	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	30	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	--	--	--									
PEM	30.61	BR-1B-W057	92-93 of 368	32	42.059794	-75.504866	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	Drainage area within a wetland that eventually leads to Marsh Creek. Per DEC/USACE, there is no concern in wetland crossing. Wetland restored to preconstruction grade and seeded, topsoil segregation.	--	--	--	589	0.00	0.00	0.85	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	--	--	--									
Stream	30.65	BR-1B-S054B	71 of 220	32	42.059605	-75.504962	N/A	UNT to Marsh Creek	E	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	Per DEC, no timing restriction.	N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--									
Stream	30.78	BR-11-S055	72 of 220	32	42.061272	-75.503801	--	Marsh Creek	P	I	C(T)	815-828	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 67	Per DEC, need for additional plantings on banks to provide shade over stream. Shallow creek with low banks (4-inch) and loose substrate. Per DEC, construction efforts to focus on matching existing grade and restoring contours. Discussion of cutting the pipe in behind the banks and ahead of the riffle, and keep the crossing below the bridge abutment.	June 1- Sept. 30	30	2178	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
Stream	31.80	BR-XX-S31.74/ BR-1H-S132 <sup>n</sup>	N/A	32	42.072249	-75.492569	--	UNT to Oquaga Creek	P	MI	D	815-829	No	N/A	II	Vegetation Clearing / Pipeline Installation		DEC indicated timing restriction during site visit. The stream is being re-classified and will have timing restriction.	June 1- Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--									



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Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>				
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)		
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)					
PFO	32.42	BR-1K-W172	94 of 368	33	42.079824	-75.486767	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	153	0.26	0.00	0.00	0.16	0.00	0.00	0.10	0.00	0.00	0.00	0.00	--	--	--	
Stream	32.98	BR-1I-S188A	73 of 220	34	42.083154	-75.478045	--	UNT to Oquaga Creek	P	I	C (TS)	815-830	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	As proposed, the pipeline will be buried to a depth of 5 feet for a distance of 50 feet at this location per DEC request.	June 1- Sept. 30	13	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PSS, PFO, PEM, Stream	33.28	BR-1I-W059	95-99 of 368	34	42.087809	-75.480696	N/A	--	--	--	--	--	--	Intersects parallel for 110-feet with Columbia Gas Transmission Line	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91		--	--	--	--	1,957	0.04	2.50	1.04	0.03	2.09	1.04	0.01	0.00	0.41	0.00	0.00	--	--	--	
	33.66	BR-1G-S186	74 of 220		42.092319	-75.481017	--	UNT to Oquaga Creek	I	MI	D	815-830	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	815-830; however, NYSDEC Region 7 designated Timing Restriction and C(TS).	N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	33.68	BR-1B-S056A	74 of 220		42.092560	-75.481028	N/A	UNT to Oquaga Creek	P	I	C (TS)	815-818	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Not visited by NYSDEC. NYSDEC Region 7 has designated C(TS).	June 1- Sept. 30	18	1742	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	34.02	BR-1I-S057	75 of 220	35	42.097285	-75.479807	--	Oquaga Creek	P	I	C (TS)	815-818	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70, 116	NYSDEC Region 7 designated C(TS). The crossing location was moved downstream approximately 100-feet to the disturbed bank and cross at a riffle area. Per DEC, planting trees along the stream banks will bring stabilization at the toe of the slope and provide shade for the trout visible in the stream.	June 1- Sept. 30	42	3049	0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PEM	34.38	BR-1I-W228	100 of 368	35	42.101921	-75.477331	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	6	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PSS	34.50	BR-1I-W226	101 of 368	35	42.103293	-75.475855	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	40	0.00	0.06	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--
PEM	34.58	BR-1B-W214	102 of 368	35	42.103841	-75.474612	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	19	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
Stream	34.60	BR-1H-S181A	76 of 220	35	42.103985	-75.474336	--	Road Ditch	E	MI	N/A	N/A	--	Road ditch associated with Shaver Hill Road / Powerline along road crosses easement perpendicularly.	III	N/A	1, 2, 5, 6, 7, 53	--	N/A	1	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	34.63	BR-1B-S181	76 of 220	35	42.104307	-75.474107	--	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with Loomis Hill Road / Powerline along road crosses easement perpendicularly.	III	N/A	1, 2, 5, 6, 7, 53	--	N/A	1	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--			
PFO, Stream	34.66	BR-1G-S189/ BR-1G-W229	77 of 220 / 103 of 368	36	42.104727	-75.474007	N/A	UNT to Oquaga Creek	P	MI	C (T)	815-830	No	N/A	II / N/A	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 66, 90, 91	Per DEC, no timing restriction. Stream is relatively unstable. DEC suggested to treat as a wetland area (USACE not present). Headcutting present where seep starts at the wetland. Headcut moving upstream above the CL crossing, which would require grade control above and below to ensure the pipe remains adequately protected.	N/A	4	436	0.01	0	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--



CONSTITUTION PIPELINE

Attachment J

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Wetland/ Stream Community Type	Milepost	Delineated Wetland / Stream ID <sup>d</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>						
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)				
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)							
Stream	34.75	BR-11-S190	78 of 220	36	42.105863	-75.473277	--	UNT to Oquaga Creek	P	I	C (T)	815-830	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70	NYSDEC determined to be jurisdictional with timing restriction. Well established channel with rock/cobble substrate, spawning and rearing habitat and high gradient. DEC concerned about bank stability once trees are removed. Stream appears to be very flashy with high velocities and contained in banks of about 15-feet in height. DEC suggests returning the left bank grade to 3:1, as this section would be unstable if rebuilding to match existing grade. Per DEC, cross vanes should be used to maintain flow in the center of the channel.	June 1-Sept. 30	11	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PEM	34.76	BR-11-W230	104 of 368	36	42.105998	-75.473396	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, PEM	34.83	BR-1H-W156	105-106 of 368	36	42.107401	-75.473160	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	372	0.00	0.22	0.37	0.00	0.19	0.37	0.00	0.00	0.03	0.00	0.00	0.00	0.00	--	--	--	
	34.83				42.107755	-75.473181	N/A	--	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	413	0.00	0.55	0.00	0.00	0.46	0.00	0.00	0.00	0.09	0.00	0.00	0.00	--	--
PSS, Stream	35.23	BR-1K-W161 / BR-1U-S135	107 of 368 / 79 of 220	36	42.112534	-75.471384	N/A	UNT to Oquaga Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40, 53, 58A,90,91		N/A	6	436	0.01	13	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--	
PEM	35.29	BR-1K-W162	108 of 368	36	42.113414	-75.470851	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	12	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	35.33	BR-1K-S138	80 of 220	36	42.113885	-75.470614	--	UNT to Oquaga Creek	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	18	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM	35.34	BR-1U-W165	108 of 368	36	42.114305	-75.470298	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	15	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, PEM, Stream	35.61	BR-1U-W168/ BR-1K-S140	109 of 368 / 81 of 220	37	42.117195	-75.467866	N/A	UNT to Oquaga Creek	I	I	C (T)	815-830	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19,28, 34,37,40,53, 58A, 66, 90, 91, 111, 112	Banks and gradient are steeper on either side of crossing (approximately 12-feet tall). Stream slope is only steeper upstream and there is a headcut downstream that makes that area unstable and per DEC, will require grade control to protect the pipe crossing. Per DEC, bank stabilization and cross vanes may be needed to protect the steep banks, minimize slumping, and to protect the toe of the slope.	June 1-Sept. 30	13	871	0.02	58	0.00	0.05	0.05	0.00	0.04	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--
PSS, PEM	35.87	BR-11-W062	110 of 368	37	42.120844	-75.466806	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	256	0.00	0.33	0.12	0.00	0.29	0.12	0.00	0.00	0.04	0.00	0.00	0.00	0.00	--	--	--	
PEM, Stream	35.97	BR-1B-W064 / BR-11-S062	111 of 368 / 82 of 220	37	42.122213	-75.466326	N/A	UNT to Oquaga Creek	P	MI	C (T)	815-819	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91	No time of year restrictions, per DEC, but repair of habitat important. Banks appear to be stable. Stream is a potential fish habitat. Slight concern regarding the ability to replace the loose/vegetated banks in a stable and uncompacted manner.	N/A	3	436	0.01	133	0.00	0.00	0.23	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS	35.97	BR-1B-W064	112-113 of 368	37	42.123650	-75.465606	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS	35.97				42.124442	-75.465279	N/A	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	24	0.00	0.07	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--
PSS, PFO, Stream	36.28	BR-1B-W066/ BR-11-S065	114 of 368 / 83 of 220	37	42.126444	-75.463810	N/A	UNT to Oquaga Creek	I	MI	C (T)	815-819	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91	Per DEC, no time of year restrictions. Per DEC, no concern of this location being treated as a stream crossing as it appears to be a seepy wetland drainage area.	N/A	3	436	0.01	243	0.23	0.18	0.00	0.16	0.15	0.00	0.07	0.00	0.03	0.00	0.00	0.00	--	--	--		



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																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)					
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)								
PFO, PSS, Stream	36.62	BR-1H-W174/ BR-1U-S141	115-116 of 368 / 84 of 220	37	42.130701	-75.463013	NS-1, Class II	Oquaga Creek	P	I	C (T)	815-819	Yes	N/A	N/A/II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A, 66, 67, 90, 91, 116	Site visit on April 25, 2014 with USACE to confirm wetland boundaries of BR-1H-W174. No discussion of stream crossing location other than the need to stabilize the left bank after construction due to the presence of the gully that has formed on this slope. Constructability issues associated with a steep ravine on south side of stream promoted use of an improved crossing approximately 75-feet east of the current centerline. Steep ravine present on south side of stream, seeps present on side slope, and water edge is immediately at toe of slope. Brook trout habitat needed for stream bank restoration. Per DEC, possibly cross vanes and maybe j-hooks to direct flow and control grade after restoration.	June 1-Sept. 30	38	3485	0.08	0	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	344	1.09	0.34
Stream	37.41	BR-1I-S067	85 of 220	38	42.140597	-75.467275	--	Dry Brook	P	I	C (T)	815-830	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	No access at time of field visit. Assumed to require timing restriction.	June 1-Sept. 30	55	3920	0.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
PSS	37.84	BR-1I-W070	117 of 368	39	42.145341	-75.473415	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	246	0.00	0.39	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.06	0.00	0.00	--	--	--				
PEM	38.05	BR-1B-W074	118 of 368	39	42.147453	-75.475744	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	15	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO, PSS	38.09	BR-1I-W073	119 of 368	39	42.147871	-75.476170	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	263	0.20	0.20	0.00	0.12	0.17	0.00	0.08	0.00	0.03	0.00	0.00	--	--	--					
PFO, PSS	38.19	BR-1C-W075	120 of 368	39	42.148996	-75.477498	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	112	0.21	0.01	0.00	0.13	0.01	0.00	0.08	0.00	0.00	0.00	0.00	--	--	--					
PEM	38.37	BR-1B-W076	121 of 368	39	42.150723	-75.479660	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO	38.37	BR-1B-W077	121 of 368	39	42.150928	-75.479720	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	18	0.03	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--					
PEM	38.37	BR-1B-W078	121 of 368	39	42.151741	-75.480653	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	27	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	--	--	--					
PEM, PFO, Stream	38.48	BR-1B-W079/ BR-1C-S071A	122-123 of 368 / 86 of 220	39	42.152202	-75.481184	N/A	UNT to Dry Brook	E	MI	D	815-830	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91		N/A	2	436	0.01	698	0.11	0.00	1.18	0.09	0.00	1.18	0.02	0.00	0.00	0.00	0.00	--	--	--				
PFO, Stream	38.68	BR-1H-W240/ BR-1Q-S209	124 of 368 / 87 of 220	40	42.154943	-75.484154	N/A	UNT to Dry Brook	P	MI	C(T)	Yes	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,66, 90,91, 111		June 1-Sept. 30	7	436	0.01	286	0.51	0.00	0.00	0.32	0.00	0.00	0.19	0.00	0.00	0.00	0.00	--	--	--				
PFO, PSS	38.83	BR-1H-W243	125 of 368	40	42.156216	-75.485381	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	78	0.05	0.06	0.00	0.04	0.05	0.00	0.01	0.00	0.01	0.00	0.00	--	--	--					
PSS	38.83	BR-1H-W242	125 of 368	40	42.156893	-75.486139	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	24	0.00	0.14	0.00	0.00	0.13	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--					
Stream	38.88	BR-1Q-S210	88 of 220	40	42.157718	-75.487149	N/A	UNT to Dry Brook	E	MI	D	N/A	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--							
PFO	38.98	BR-1Q-W241	126 of 368	40	42.157634	-75.487178	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--						
PFO, PEM	39.04	BR-1C-W180	127-128 of 368	40	42.159070	-75.488478	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	338	0.48	0.00	0.11	0.27	0.00	0.11	0.21	0.00	0.00	0.00	0.00	--	--	--					



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>				
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)		
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)					
Stream	39.18	BR-1C-S150A	89 of 220	40	42.160024	-75.489484	N/A	UNT to Dry Brook	E	I	D	N/A	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Per DEC, jurisdictional with time restrictions.	June 1- Sept. 30	29	2178	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PEM	39.23	BR-1C-W182	129 of 368	40	42.160679	-75.490093	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	50	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	39.29	BR-1C-S150	90 of 220	40	42.161392	-75.490750	--	Dry Brook	P	I	C (T)	815-830	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66		June 1- Sept. 30	12	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO, Stream	39.71	BR-1C-W251 / BR-1C-S221	130 of 368 / 91 of 220	41	42.166251	-75.495392	N/A	UNT to Dry Brook	E	MI	D	N/A	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	3	436	0.01	1	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--	
PEM	40.45	BR-1T-W160C	131-132 of 368	41	42.175071	-75.503978	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline. Crosses angular under power line for 120-feet.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	104	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, PSS, PEM	40.62	BR-1C-W081	133 of 368	41	42.176722	-75.505066	N/A	--	--	--	--	--	--		II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	71	0.16	0.01	0.04	0.11	0.01	0.04	0.05	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	40.74	BR-1B-S072	92 of 220	41	42.178132	-75.506508	--	Road Ditch	E	MI	N/A	N/A	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	Per DEC, no time restriction.	N/A	1	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM	40.86	BR-1B-W083	134 of 368	42	42.179552	-75.508514	N/A	--	--	--	--	--	--	Powerline located at edge of wetland along roadway.	II & IV	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	187	0.00	0.00	0.39	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, PEM	41.05	BR-1I-W233	135-136 of 368	42	42.180497	-75.511696	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline. Crosses angular under power line for 120-feet.	II	Vegetation Clearing / Pipeline Installation  Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	367	0.01	0.00	0.62	0.00	0.00	0.62	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	41.29	BR-1G-S196	93 of 220	42	42.182963	-75.513369	--	UNT of Cornell Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--			
PFO	41.30	BR-1G-W234	137 of 368	42	42.183257	-75.513235	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, Stream	41.36	BR-1I-W236 / BR-1I-S198	138 of 368 / 94 of 220	42	42.184074	-75.513259	N/A	UNT of Cornell Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	9	871	0.02	15	0.04	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--
PFO, PSS, Stream	41.46	BR-1C-W184 / BR-1C-S151	139 of 368 / 95 of 220	43	42.185578	-75.513008	N/A	UNT of Cornell Creek	E	N/A	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	3	436	0.01	103	0.07	0.08	0.00	0.03	0.07	0.00	0.04	0.00	0.01	0.00	0.00	0.00	--	--	--
PEM	41.52	BR-1X-W179	140 of 368	43	42.186359	-75.512951	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	15	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, PSS	41.68	BR-1X-W192	142- 142a of 368	43	42.189808 42.189808 42.189808	-75.511930 -75.511930 -75.511930	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	244 463 191	0.22 0.44 0.25	0.32 0.25 0.00	0.00 0.00 0.00	0.19 0.22 0.13	0.27 0.22 0.00	0.00 0.22 0.12	0.03 0.00 0.00	0.00 0.00 0.00	0.05 0.03 0.00	0.00 0.00 0.00	0.00 0.00 0.00	--	--	--		
Stream	41.90	BR-1S-S200	95a of 220	43	42.191419	-75.510967	--	Road Ditch	I	MI	N/A	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--			





CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>						
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)				
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)							
PEM, PFO, Stream	41.98	BR-1C-W215 / BR-1S-S203	142b of 368 / 95b of 220	43	42.191703	-75.509638	N/A	UNT to Cornell Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 37, 35, 37, 40, 53, 58A, 90, 91		N/A	5	436	0.01	65	0.01	0.00	0.11	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	42.22	BR-1L-W250	143 of 368	43	42.194589	-75.506744	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	115	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO, Stream	42.33	CH-1A-W064 / BR-1L-S220/CH 1L-S250)	144 of 368 / 96 of 220	43	42.195405	-75.505197	N/A	UNT to Cornell Creek	P	I	C (TS)	931-935	No	N/A	NA/II	Vegetation Clearing	2A, 5, 6, 7, 37, 53, 67, 72	NYSDEC Region 7 designated C(TS). This reroute restricted by no access, state forest land, and residential/new cabin being constructed. USACE and NYSDEC would like to see it shifted to an area with a less steep gradient and less tree canopy, but understand there are limitations here. Bedrock is present just below the streambed. The stream is incised and has steep banks right down to the edge of the water on the right bank. Bank stabilization will be required on the very steep slopes on the right bank. Per DEC, add another point of inflection and cross further south if there is a better gradient.	June 1-Sept. 30	23	1742	0.04	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, Stream	42.47	CH-1H-S011	97 of 220	44	42.196851	-75.504435	--	UNT of Cornell Creek	P	I	C (TS)	931-935	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC did not visit. NYSDEC has designated C(TS).	June 1-Sept. 30	11	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	42.48	CH-1H-S011A	97 of 220				--	UNT of Cornell Creek	P	N/A	C (TS)	931-935	No	N/A	N/A	Vegetation Clearing	2A, 5, 6, 7, 53	NYSDEC did not visit. NYSDEC has designated C(TS).	June 1-Sept. 30	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	42.47	CH-1H-W021	145 of 368				N/A	--	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	--	68	0.00	0.12	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	--	--
PSS	42.61	CH-1G-W062	146 of 368	44	42.198944	-75.505549	N/A	--	--	--	--	--	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	83	0.00	0.17	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, PEM	42.70	CH-1H-W022	147 of 368	44	42.200038	-75.505898	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	218	0.00	0.02	0.30	0.00	0.01	0.30	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--	
PEM	42.74	CH-1G-W050	148 of 368	44	42.200878	-75.505945	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	165	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO, Stream	42.80	CH-1H-W023/ CH-1J-S014A	149 of 368 / 98 of 220	44	42.201476	-75.505950	N/A	UNT of Cornell Creek	E	MI	C	931-935	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	47	0.07	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	--	--	--		
		CH-1J-S014	98 of 220	44	42.201529	-75.505953	--	UNT of Cornell Creek	P	I	C	931-935	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		--	28	1742	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
Stream	42.83	CH-1J-S015	98 of 220	44	42.201858	-75.505974	--	UNT of Cornell Creek	P	I	C	931-935	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	13	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM	43.58	CH-1C-W075	150 of 368	45	42.211622	-75.500985	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	457	0.00	0.00	0.77	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, PFO, Stream	43.74	CH-1J-W045B /CH-1H-S016	151 of 368 / 99 of 220	45	42.214393	-75.500358	N/A	UNT of Cornell Creek	P	MI	C	931-935	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 29, 29A, 32, 37, 40, 53, 90, 91	Per DEC, jurisdictional with time restrictions. During site visit, pipeline rerouted to avoid the wetlands. The proposed pipeline was shifted 450 feet northeast and crosses narrower portion of stream. Per DEC, no site-specific restoration is anticipated. There was a culvert for an access road on this stream as well that the DEC had no comments on. The culvert was approximately 30-inches that did not appear to be perched or restricting fish access.	June 1-Sept. 30	5	871	0.02	559	0.87	0.17	0.00	0.53	0.15	0.00	0.34	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--
PFO	43.86	CH-1G-W045C	152 of 368	45	42.215808	-75.500320	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	253	0.50	0.00	0.00	0.33	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	--	--	--		



CONSTITUTION PIPELINE

Attachment J

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																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
PFO	44.74	CH-1C-W014	153 of 368	46	42.227861	-75.497114	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--		
PFO, PSS	45.20	CH-1A-W056	154 of 368	46	42.232676	-75.490776	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	393	0.10	0.57	0.00	0.07	0.49	0.00	0.03	0.00	0.08	0.00	0.00	--	--	--		
Stream	45.28	CH-1S-S060	100 of 220	46	42.233593	-75.489949	--	UNT to Landers Creek	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	12	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PFO	45.35	CH-1C-W073	155 of 368	47	42.234535	-75.489419	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	45.37	CH-1A-S048	100 of 220	47	42.234778	-75.489167	--	Landers Creek	P	I	C (TS)	931-935	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC Region 7 designated C(TS). The alignment was shifted east and will be conventional bore with less impact to surrounding wetland with less stream crossings.	June 1- Sept. 30	29	2178	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO, Stream	45.72	CH-1C-S065	101 of 220 / 156 of 368	47	42.238646	-75.482939	--	UNT to Susquehanna River	E	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	13	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
		CH-1X-W072		47			N/A	--	--	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	0	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	46.03	CH-1X-W071	157-157a of 368	47	42.240030	-75.477398	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		N/A	--	--	--	97	0.00	0.00	0.20	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	46.29	CH-1X-S063	102 of 220	47	42.242069	-75.475164	--	UNT to Susquehanna River	I	MI	C (T)	931-963	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 37, 53, 66	Per DEC, no timing restriction. Appeared generally stable. Per DEC, a narrow riparian buffer of trees/shrubs would need replacement. USACE not present during visit.		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PEM	46.34	CH-1X-W069	158 of 368	48	42.242717	-75.474516	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, Stream	46.36	CH-1X-S062A	102 of 220	48	42.242985	-75.474416	--	UNT to Susquehanna River	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	Per DEC, no additional site-specific mitigation should be necessary and no timing restriction. There was not enough water to be trout spawning and it is not a NYSDEC protected stream. Appeared generally stable. Per DEC, riparian buffer of trees/shrubs should be replaced to extent practicable. Per DEC, not trout spawning and not a DEC protected stream.		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		CH-1X-W067	158 of 368				N/A	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	21	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--
		CH-1X-S062	102 of 220				--	UNT to Susquehanna River	I	N/A	D	N/A	No	N/A	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PEM, Stream	46.45	CH-1X-S061 / CH-1X-W066	103 of 220 / 159 of 368	48	42.244265	-75.473617	N/A	UNT to Susquehanna River	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	84	0.00	0.00	0.13	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PFO, Stream	46.68	CH-1Q-W038	160 of 368				N/A	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	56	0.05	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	--	--	--
PFO, Stream	46.77	CH-1Q-S036A	105 of 220	48	42.248199	-75.470917	--	UNT to Susquehanna River	E	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
		CH-1Q-W040	161 of 368	N/A			--	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	55	0.09	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00	0.00	0.00	--	--	--
PFO	46.87	CH-1C-W043	163 of 368	48	42.249558	-75.470077	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>													
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)											
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)														
PEM, Stream	47.39	CH-1C-W017 / CH-1C-S008	164 of 368 / 106 of 220	49	42.256357	-75.466225	N/A	UNT to Bennettsville Creek	E	MI	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5,6,7 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91		N/A	3	436	0.01	0	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--									
PEM	47.49	CH-1C-W018	165 of 368	49	42.258444	-75.465556	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	343	0.00	0.00	0.46	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--										
Stream	47.53	CH-1K-S009	107 of 220	49	42.258342	-75.465892		UNT to Bennettsville Creek	E	I	D	N/A	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	11	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--											
Stream	47.74	CH-1C-S010B	108 of 220	49	42.260444	-75.463172	--	Bennettsville Creek	I	I	C (T)	931-966	Yes	Co-located parallel to existing powerline.	V		2A, 5, 6, 7, 53	This area has been improved from a wet cut to HDD. Contingency frac out plans and see site specific installation plans should be provided. Plans should specify actions in case HDD fails, etc. USACE also brought up concern of workspace in wetland system southwest of crossing where the pipe will be laid to pull/push through HDD. There exists a need to balance the wetland impacts associated with increased workspace needs. No timing restriction for HDD, May 15-Oct 15 if not HDD. If not HDD, workspace reduced to 75-feet, streambanks restored to preconstruction condition.	N/A (HDD) May 15 - October 15 (Contingency)	31	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stream	47.75	CH-1C-S010C	108 of 220	49	42.260750	-75.462906	--	Bennettsville Creek	I	MA	C (T)	931-966	Yes	Co-located parallel to existing powerline.	V		2A, 5, 6, 7, 53			37	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--									
Stream	47.80	CH-1A-S010	108 of 220	49	42.261169	-75.462542	--	Bennettsville Creek	P	MA	C (T)	931-966	Yes	Co-located parallel to existing powerline.	V		2A, 5, 6, 7, 53			90	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--								
Stream	47.82	CH-1A-S010F	108 of 220	49	42.261486	-75.462266	--	Bennettsville Creek	E	I	C(T)	931-966	Yes	Co-located parallel to existing powerline.	V		2A, 5, 6, 7, 53			26	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--								
PEM	48.10	CH-1H-W025	166 of 368	49	42.263964	-75.457908	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	V		3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	9	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--										
PSS, PFO, PEM, Stream	48.32	CH-1B-W026 / CH-1B-S025	168 of 368 / 110 of 220	49	42.265301	-75.453483	N/A	UNT to Bennettsville Creek	I	MI	D	N/A	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5,6,7 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91		N/A	20	1307	0.03	421	0.64	0.03	0.01	0.36	0.02	0.01	0.28	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--								
PFO	48.44	CH-1B-W028	169 of 368	50	42.266118	-75.452362	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	91	0.24	0.00	0.00	0.17	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	--	--	--										
PFO, Stream	48.77	CH-1B-W027 / CH-1B-S029	170 of 368 / 111 of 220	50	42.269462	-75.447733	N/A	UNT to Bennettsville Creek	I	N/A	D	N/A	No	Co-located parallel to existing powerline.	II / N/A	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	0	436	0.01	54	0.12	0.00	0.00	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	--	--	--									
PFO	49.27	CH-1X-W034	171-172 of 368	50	42.274520	-75.441025	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	81	0.12	0.00	0.00	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00	--	--	--											
PFO	49.27				42.275572	-75.439090	N/A	--	--	--	--	--	--	--	--			N/A	II	15	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--										
PFO, Stream	49.72	CH-1S-S042 / CH-1C-W051	112 of 220 / 173 of 368	51	42.276718	-75.432505	N/A	UNT to Bennettsville Creek	P	MI	C	931-969	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	4	436	0.01	317	0.49	0.00	0.00	0.29	0.00	0.00	0.20	0.00	0.00	0.00	0.00	--	--	--										
Stream	49.73	CH-1S-S044	112 of 220	51	42.276489	-75.432727	N/A	UNT to Bennettsville Creek	I	N/A	C	931-969	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--											
Stream	49.79	CH-1S-S046	112 of 220	51	42.276972	-75.432256	--	UNT to Bennettsville Creek	I	MI	C	931-969	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	6	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--											
PFO	49.93	CH-1S-W052	174-175 of 368	51	42.277380	-75.427498	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	1,169	2.00	0.00	0.00	1.20	0.00	0.00	0.80	0.00	0.00	0.00	0.00	--	--	--											
PEM, Stream	50.19	CH-1A-W047 / CH-1A-S047	176 of 368 / 113 of 220	51	42.277398	-75.424285	N/A	Road Ditch	E	MI	N/A	N/A	No	Road ditch associated with Neff Hill Rd/Finger Lakes Trail / Powerline along roadway crosses easement perpendicularly	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	148	0.00	0.00	0.44	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	--	--	--										
PEM	50.21	CH-1A-W048	176 of 368	51	42.277434	-75.423210	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--											



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>					
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
PFO, Stream	50.31	CH-1A-W049 / CH-1A-S038	177 of 368 / 114 of 220	51	42.277546	-75.422170	N/A	UNT to Bennettsville Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	71	0.10	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO	50.56	CH-1A-W050	178 of 368	52	42.277672	-75.416821	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	289	0.50	0.00	0.00	0.30	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	50.63	DE-1B-W025	179 of 368	52	42.277703	-75.415551	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	111	0.19	0.00	0.00	0.11	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	50.95	DE-1H-W026	180 of 368	52	42.277835	-75.409662	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--			
PFO, Stream	51.02	DE-1B-W027 / DE-1B-S026A	181 of 368 / 115 of 220	52	42.278020	-75.407898	N/A	UNT to Masonville Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19,28, 34,37,40,53, 58A,90,91		N/A	3	436	0.01	101	0.25	0.00	0.00	0.17	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	51.08	DE-1H-S026B	115 of 220	52	42.278097	-75.407317	--	UNT to Masonville Creek	E	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	19	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	51.08	DE-1H-S026	115 of 220	52	42.278103	-75.407237	--	Rock Creek	P	MI	C (TS)	931-963	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66	NYSDEC Region 4 designated C(TS). Habitat functions include fall run fish, coldwater supply, and macro invertebrate production. Per DEC, LWD present so the shading should be preserved as much as possible.	June 1 - Sept. 30	20	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PFO	51.10	DE-1H-W028	182 of 368	52	42.278165	-75.406447	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	48	0.02	0.00	0.02	0.01	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, PEM	51.10				42.278090	-75.406806	N/A	--	--	--	--	--	--						--	--	--	46	0.10	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00	0.00	0.00	--	--	--			
PFO, Stream	51.20	DE-1H-W030 / DE-1C-S270	183 of 368 / 116 of 220	52	42.278591	-75.404500	N/A (see additional comments)	UNT to Masonville Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91	NYSDEC determined during site visit on April 25, 2014 wetland DE-1H-W030 is not a state-regulated DEC wetland.		N/A	4	436	0.01	223	0.34	0.00	0.00	0.18	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	--	--	--
PFO	51.64	DE-1B-W032	184 of 368	53	42.278444	-75.395933	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.11	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	51.66	DE-1H-W034	184 of 368	53	42.278481	-75.395414	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO	51.68	DE-1B-W033	184 of 368	53	42.278661	-75.395835	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	51.74	DE-1H-S028	117 of 220	53	42.278580	-75.394627	--	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with County Highway 4 / Powerline along road crosses essment perpendicularly	III	N/A	1, 2, 5, 6, 7, 53	Per DEC, no concerns, ditch; non-jurisdictional.		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--			
PSS	52.27	DE-1K-W227	185 of 368	53	42.282649	-75.385760	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	218	0.00	0.45	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.05	0.00	0.00	--	--	--		
PEM	52.36	DE-1H-W035	186 of 368	54	42.283562	-75.385053	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	39	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO	52.44	DE-1B-W037	187 of 368	54	42.284484	-75.383963	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>					
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
Stream	52.63	DE-1B-S029	118 of 220	54	42.286682	-75.381788	--	UNT to Susquehanna River	P	MI	C (TS)	931-1388	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC Region 4 designated C(TS). Per DEC, stream is a perennial EBTJV; recommended moving approximately 100-feet east from CL to smoother area with less scouring.	June 1 - Sept. 30	9	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PFO,PEM, Stream	53.99	DE-1B-W046 / DE-1H-S033	188 of 368 / 119 of 220	55	42.289042	-75.357372	N/A	UNT to Masonville Creek	P	MI	C (TS)	931-971	No	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91	Per DEC, avoid straightening stream channel, restore to original path post installation.	June 1 - Sept. 30	3	436	0.01	60	0.11	0.00	0.01	0.07	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, PEM, Stream	54.43	DE-1X-W158/ DE-1H-S013	189-192 of 368 / 120 of 220	56	42.290996	-75.345867	N/A	UNT to Susquehanna River (aka Collar Brook)	P	I	AA	931-1392	Yes	Co-located parallel to existing powerline.	V / IV	N/A	1,2, 3, 5,6,7 12, 13, 14, 18, 19,28, 34,37,40,53, 58A,90,91	This stream will be crossed with HDD. No concerns other than USACE noting the need for a frac out contingency plan. Ensure that the ability to go down in the valley to capture material. Potentially non-jurisdictional due to HDD. Contingency plan with time restrictions should apply. Confirm with DEC regarding HDD time restriction.	N/A	150	0	0.00	2,003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, PEM, Stream	55.17	DE-1F-W075 / DE-1M-S075	193 of 368 / 121 of 220	56	42.292978	-75.334250	N/A	UNT to Susquehanna River	E	MI	C	931-1396	No	Co-located parallel to existing powerline.	V / IV	N/A	1,2, 3, 5,6,7 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91	--	N/A	3	0	0.00	192	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	55.35	DE-1K-W228	194 of 368	57	42.293472	-75.331674	N/A	--	--	--	--	--	--	Co-located parallel to existing powerline.	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91	--	--	--	--	16	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	55.67	DE-1C-W229	195 of 368	57	42.295293	-75.325374	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91	--	--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	55.79	DE-1M-S077	122 of 220	57	42.295261	-75.323654	--	UNT to Carrs Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	--	N/A	9	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	55.81	DE-1K-S077A	122 of 220	57	42.295123	-75.323406	--	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with Parker Hollow Road / Powerline along road crosses easement perpendicularly.	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	--	N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--				
PEM, Stream	55.87	DE-1M-S077 / DE-1M-W079	122 of 368 / 196 of 220	57	42.295211	-75.322382	N/A	UNT to Carrs Creek	E	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2, 3, 5, 6, 7, 12, 13, 14, 18, 19,28, 34,37,40, 53, 58A,90,91	--	N/A	19	871	0.02	88	0.00	0.00	0.18	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, Stream	55.95	DE-1M-W080/ DE-1F-S078	197 of 368 / 124 of 220	57	42.295942	-75.320636	N/A	UNT to Carrs Creek	P	I	C (TS)	931-1396.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 67	NYSDEC Region 4 designated C(TS). Previous crossing was avoided per DEC and USACE request. The new proposed crossing was moved 145 feet north to areas with less braided channels.	June 1 - Sept. 30	21	1742	0.04	181	0.00	0.00	0.24	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PEM	56.36	DE-1D-W215	198 of 368	58	42.297966	-75.313789	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91	--	--	--	--	36	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM, PFO	57.05	DE-1Y-W085	199 of 368	58	42.307529	-75.308176	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91	--	--	--	--	351	0.13	0.00	0.37	0.07	0.00	0.37	0.06	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	57.21	DE-1M-W088	200 of 368	58	42.308899	-75.306967	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91	--	--	--	--	8	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO, PSS, Stream	57.91	DE-1C-W211 / DE-1C-S110B	201 of 368 / 125 of 220	59	42.317316	-75.297815	N/A	UNT to Susquehanna River	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2,3,5,6,7 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91	--	N/A	7	436	0.01	513	0.46	0.43	0.00	0.28	0.37	0.00	0.18	0.00	0.06	0.00	0.00	--	--	--		
PFO, PSS, Stream	58.09	DE-1C-W211 / DE-1C-S113C	202 of 368 / 126 of 220	59	42.318459	-75.296062	N/A	UNT to Susquehanna River	P	MI	C	931-1417	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2,3,5,6,7 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91	--	N/A	3	2178	0.05	517	0.08	0.76	0.00	0.02	0.66	0.00	0.06	0.00	0.10	0.00	0.00	--	--	--		
PSS, Stream	58.19	DE-1C-W211 / DE-1C-S113D	203 of 368 / 127 of 220	59	42.319570	-75.294342	N/A	UNT to Susquehanna River	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1,2,3,5,6,7 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,53, 58A,90,91	--	N/A	3	436	0.01	273	0.00	0.43	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.06	0.00	0.00	--	--	--	



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>			
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)	
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)				
PEM, PSS	58.34	DE-1C-W223	204 of 368	60	42.321222	-75.291489	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	395	0.00	0.21	0.40	0.00	0.18	0.40	0.00	0.00	0.03	0.00	0.00	--	--	--	
PFO, Stream	58.45	DE-1K-W232	205 of 368	60	42.322016	-75.289900	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.07	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--	
	58.51	DE-1N-S079A	128 of 220		42.322016	-75.289900	--	UNT to Susquehanna River	I	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	58.52	DE-1N-S079	128 of 220		42.322016	-75.289900	--	UNT to Susquehanna River	P	I	C	931-1419	No	N/A	N/A	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	13	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PSS, PFO	58.59	DE-1K-W233	206-207 of 368	60	42.323729	-75.287718	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	659	0.99	0.28	0.00	0.63	0.24	0.00	0.36	0.00	0.04	0.00	0.00	--	--	--	
PFO, Stream	58.86	DE-1C-W234 / DE-1C-S190	208 of 368 / 129 of 220	60	42.325943	-75.284713	N/A	UNT to Susquehanna River	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		N/A	7	436	0.01	86	0.19	0.00	0.00	0.13	0.00	0.00	0.06	0.00	0.00	0.00	0.00	--	--	--
Stream	58.95	DE-1S-S100	130 of 220	60	42.326863	-75.283660	--	UNT to Pond	E	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	41	1742	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	59.13	DE-1N-S101	131 of 220	60	42.328989	-75.281779	--	UNT to Pond	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	19	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PSS	59.55	DE-1M-W094	209 of 368	61	42.332793	-75.274890	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	218	0.00	0.33	0.00	0.00	0.28	0.00	0.00	0.00	0.05	0.00	0.00	--	--	--	
PSS, Stream	59.64	DE-1M-W095	210 of 368	61	42.333142	-75.273495	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
	59.67	DE-1M-S081	132 of 220				--	UNT to Outlet Creek	I	MI	D	N/A	No	N/A	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	8	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	59.68	DE-1M-W096	210 of 368				N/A	--	--	--	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--
PEM	59.81	DE-1N-W101	211 of 368	61	42.334448	-75.269799	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	141	0.00	0.00	0.41	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	59.99	DE-1S-S102	133 of 220	61	42.335344	-75.267459	--	UNT to Outlet Creek	P	I	C	931-1419	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	21	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	60.37	DE-1Q-S071	134 of 220	61	42.336926	-75.260535	--	UNT to Outlet Creek	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	20	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PSS	60.39	DE-1C-W205	212 of 368	62	42.337059	-75.260219	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	120	0.00	0.19	0.00	0.00	0.16	0.00	0.00	0.03	0.00	0.00	--	--	--		
PEM	60.55	DE-1W-W132	213 of 368	62	42.338415	-75.257354	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	60.66	DE-1P-W133	214 of 368	62	42.339474	-75.255996	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	62	0.00	0.00	0.10	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	60.81	DE-1P-W134	215 of 368	62	42.341545	-75.255012	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	39	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	--	--	--	



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland/ Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>									
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)							
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)										
Stream	60.88	DE-1P-S129	135 of 220	62	42.342429	-75.254703	--	Ouleout Creek	P	I	C (T)	931-1418	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70, 72, 116	Waterbody crossing at previous location was avoided per requests. The new proposed crossing was moved 300 feet west. The northern bank of stream will likely have bank stabilization problems when trees are remove, therefore riparian plantings are necessary. There are undercut banks present, which many need engineered rock stabilization. There was also concern about downcutting causing exposed pipe. Engineered rock riffles over top of the pipe can help prevent exposure. There was also concern about the stream eroding into the cornfield on north side. As a result, it is recommended to keep the pipe deep and farther outside of stream if possible, in case of further bank erosion. There is a need for grade control at this crossing. Additionally, flow here is regulated due to upstream dam. The USACE Baltimore District owns this flood control dam which can help control flows during construction.	June 1 - Sept. 30	98	6970	0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PEM	61.08	DE-1Q-W105	216 of 368	62	42.344690	-75.251873	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	139	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--				
Stream	61.12	DE-1W-S130	136 of 220	63	42.344865	-75.250142	--	UNT to Ouleout Creek	I	I	C	931-1419	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	17	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
PFO, PSS	61.38	DE-1Q-W110	217 of 368	63	42.347633	-75.247236	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	343	0.01	0.54	0.00	0.01	0.46	0.00	0.00	0.00	0.00	0.08	0.00	0.00	--	--	--					
Stream	61.63	DE-1C-S303	136a of 220	63	42.350214	-75.244818	--	Road Ditch	I	MI	D	N/A	--	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
PEM	61.66	DE-1A-W478	217a of 368	63	42.350605	-75.244304	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	16	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO	62.43	DE-1A-W475/ DE-1A-S301	217b of 368 / 136b of 220	63	42.354512	-75.231728	N/A	UNT to Susquehanna River	I	I	C	931-1485	--	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	36	1742	0.04	10	0.05	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO	62.44	DE-1A-W476	217b of 368	63	42.354482	-75.231499	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO	62.52	DE-1A-W473	217c of 368	63	42.355172	-75.229721	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	160	0.26	0.00	0.00	0.15	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	--	--	--					
PEM, Stream	63.11	DE-1S-W255/ DE-1P-S211	218 of 368 / 137 of 220	65	42.356278	-75.217768	N/A	UNT to Susquehanna River	I	N/A	C	931-1485	No	N/A	II / N/A	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	0	436	0.01	346	0.00	0.00	0.55	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--				
PFO	63.75	DE-1X-W285	219 of 368	65	42.357030	-75.206301	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	150	0.29	0.00	0.00	0.18	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO, Stream	63.98	DE-1D-W284/ DE-1X-S235	220 of 368 / 138 of 220	65	42.357120	-75.202179	N/A	UNT to Susquehanna River	P	MI	C	931-1494	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	8	1307	0.03	3	0.03	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO	64.09	DE-1D-W283	221 of 368	66	42.357090	-75.199558	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	202	0.25	0.00	0.00	0.13	0.00	0.00	0.12	0.00	0.00	0.00	0.00	--	--	--						
Stream	64.84	DE-1C-S287	138a of 220	66	42.362412	-75.187272	--	UNT to Ouleout Creek	I	I	C (TS)	931-1435	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		June 1 - Sept. 30	40	2614	0.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
PSS	65.02	DE-1A-W281A	222 of 368	66	42.363253	-75.183867	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					





CONSTITUTION PIPELINE

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																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)				
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)							
PEM	65.23	DE-1S-W021	223 of 368	67	42.365219	-75.180408	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		N/A	--	--	--	67	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, PFO	66.26	DE-1M-W175	224 of 368	67	42.373060	-75.162899	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	576	0.61	0.00	0.33	0.35	0.00	0.33	0.26	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	66.28	DE-1L-S176	139 of 220	67	42.372988	-75.163476	--	UNT to Susquehanna River	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	7	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PEM	66.74	DE-1C-W364	225 of 368	67	42.374509	-75.154332	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	203	0.00	0.00	0.36	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, PSS	66.83	DE-1C-W363	226-226a of 368	67	42.374966	-75.152761	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	406	0.00	0.28	0.39	0.00	0.24	0.39	0.00	0.00	0.04	0.00	0.00	--	--	--			
				67	42.375332	-75.151409								N/A		Vegetation Clearing / Pipeline Installation		--	--	--	--	380	0.00	0.61	0.00	0.00	0.52	0.00	0.00	0.00	0.09	0.00	0.00	--	--	--				
Stream	66.90	DE-1C-S273A	140 of 220	68	42.375259	-75.151797	--	UNT to Susquehanna River	P	I	D	N/A	--	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		--	12	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PFO	67.72	DE-1X-W282	227 of 368	69	42.380114	-75.136715	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	181	0.36	0.00	0.00	0.24	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	68.24	DE-1A-W374	227a of 368	70	42.383706	-75.127491	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	52	0.06	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	68.26	DE-1A-W373	227a of 368	70	42.383706	-75.127491	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	77	0.10	0.00	0.00	0.06	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	69.41	DE-1C-W332	228 of 368	71	42.388218	-75.107022	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	69.46	DE-1P-S054	141 of 220	71	42.388206	-75.106030	--	UNT to Ouleout Creek	P	I	C (TS)	931-1457.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 111	As requested, the alignment was modified and this crossing was moved 270 feet south in open field area.	June 1 - Sept. 30	14	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	70.56	DE-1W-S055A	142 of 220	72	42.400949	-75.094819	--	UNT to Ouleout Creek	E	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PEM, PFO, Stream	70.76	DE-1C-W329/ DE-1C-S275	229 of 368 / 143 of 220	72	42.403352	-75.091698	--	UNT to Ouleout Creek	I	I	D	N/A	--	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	16	436	0.01	259	0.42	0.00	0.14	0.25	0.00	0.14	0.17	0.00	0.00	0.00	0.00	0.00	--	--	--		
Stream	70.76	DE-1C-S274	143 of 220	72	42.403588	-75.091671	--	UNT to Ouleout Creek	I	N/A	D	N/A	--	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
Stream	70.83	DE-1C-S273	144 of 220	72	42.403754	-75.091252	--	UNT to Ouleout Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PSS	70.86	DE-1P-W067	230 of 368	73	42.403707	-75.090501	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	51	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS, Stream	70.88	DE-1W-W069 /DE-1P-S056	230 of 368 / 145 of 220	73	42.403778	-75.089986	N/A	UNT to Ouleout Creek	P	I	C (TS)	931-1457.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66	This stream crossing is located near a private landowner driveway. Per DEC, although the present culvert is satisfactory, it could be replaced with an open arch or box sized at the required bankfull width.	June 1 - Sept. 30	13	871	0.02	12	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--
PSS, Stream	70.93	DE-1W-W065/ DE-1P-S056A	230 of 368 / 145 of 220	73	42.403753	-75.089319	N/A	UNT to Ouleout Creek	P	MI	C (TS)	931-1457.1	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91	Per DEC, there was concern regarding shade removal as DE-1P-S056A is a great source of cold water, therefore the alder/shrubs should be replaced.	June 1 - Sept. 30	3	436	0.01	48	0.00	0.09	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--





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																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)				
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)							
PFO	71.34	DE-1P-W071	231 of 368	73	42.406267	-75.083172	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, PFO, Stream	71.75	DE-1P-S058	146 of 220	73	42.408700	-75.076297	--	UNT to Ouleout Creek	P	I	C (TS)	931-1458	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 72	This crossing has two channels. Trout are very abundant. DEC concerned about the loss of hemlocks and the flowing water from wetland (DE-1P-S058B) being maintained. Per DEC, the right floodplain was essentially a dump site which could be cleaned up; the potential materials associated with the clearing of hemlocks can be used as habitat logs or for bank stabilization. Pre and post construction photos are requested.	June 1 - Sept. 30	12	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	71.76	DE-1P-S058B	147 of 220				--	UNT to Ouleout Creek	I	N/A	D	N/A	No	N/A	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	71.74	DE-1W-W073	232-233 of 368				N/A	--	N/A	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91		--	--	--	697	1.11	0.00	0.04	0.65	0.00	0.04	0.46	0.00	0.00	0.00	0.00	0.00	--	--	--
	71.87	DE-1C-S192	148 of 220	74			--	UNT to Ouleout Creek	I	MI	C (TS)	931-1458	No	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	71.88	DE-1C-S192A	148 of 220				--	UNT to Ouleout Creek	I	MI	C (TS)	931-1458	No	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PFO	72.90	DE-1B-W270	148a of 220	75	42.419845	-75.061535	ON-3, Class II	--	--	--	--	--	--	N/A	N/A	N/A			--	--	--	--	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145	0.17	0.16	
PSS	73.34	DE-1P-W074	234 of 368	75	42.418548	-75.052609	ON-4, Class II	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	221	0.00	0.32	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	353	0.65	0.38
PEM	73.39	DE-1W-W075	234 of 368	75	42.418448	-75.051578	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	54	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO	73.49	DE-1W-W125	235 of 368	75	42.418247	-75.050332	ON-4, Class II	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	397	0.76	0.00	0.00	0.49	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	358	0.51	0.39	
Stream	74.16	DE-1P-S125	149 of 220	76	42.418050	-75.036883		UNT to Ouleout Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PFO, Stream	74.28	DE-1W-W126 / DE-1P-S126	236 of 368 / 150 of 220	76	42.418738	-75.035272	N/A	UNT to Ouleout Creek	P	I	C (TS)	931-1462	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91	Per DEC, the LWD and other downed trees should be left in place where possible; additionally, improvements to the ATV crossing with span or substrate replacement is recommended.	June 1 - Sept. 30	30	2178	0.05	104	0.15	0.00	0.00	0.08	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	75.10	DE-1W-W127	236a of 368	77	42.423269	-75.020255	ON-5, Class II	--	--	--	--	--	--	N/A	N/A	N/A			--	--	--	--	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.06	0.02		
PEM, Stream	75.31	DE-1C-W331 / DE-1C-S268	237 of 368 / 151 of 220	77	42.422607	-75.016856	N/A	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with White Hill Road / Powerline along road crosses easement perpendicularly	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91		N/A	4	436	0.01	25	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS, Stream	75.82	DE-1C-W371 / DE-XX-S75.82	237a of 368 / N/A	78	42.419582	-75.007153	--	UNT to Ouleout Creek	P	MI	C (TS)	931-1464	No	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	Wetland DE-1C-W371 was determined during NYSDEC site visit to be an Article 15 jurisdictional feature (waterbody) and requires a timing restriction. Assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	3	436	0.01	0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PFO, Stream	76.71	DE-1C-W376 / DE-1C-S290	237b of 368 / 151a of 220	78	42.422261	-74.990273	N/A	UNT to Charlotte Creek	E	N/A	D	N/A	--	N/A	II / N/A	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	196	0.21	0.00	0.00	0.08	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO, Stream	76.81	DE-1M-W154 / DE-1C-S289	238 of 368 / 151a of 220	79	42.422748	-74.988357	N/A	UNT to Charlotte Creek	I	MI	D	N/A	--	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	164	0.32	0.00	0.00	0.22	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	--	--	--		



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>						
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)				
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)							
PFO, PEM, Stream	78.03	DE-1B-W327	238a of 368	80	42.423327	-74.965369	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	--	115	0.16	0.00	0.01	0.09	0.00	0.01	0.07	0.00	0.00	0.00	0.00	--	--	--			
	78.04	DE-1B-S263A	151b of 220				--	UNT to Charlotte Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing	1, 2, 5, 6, 7, 53		June 1 - Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	78.05	DE-1B-S263B	151b of 220				--	UNT to Charlotte Creek	I	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	No access at time of field visit.	June 1 - Sept. 30	0	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Stream	78.19	DE-1G-S241	152 of 220	80	42.423493	-74.962627	--	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with McDougal Road / Powerline along road crosses easement perpendicularly	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	--	N/A	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PSS, Stream	78.27	DE-1L-S210	153 of 220	80	42.423260	-74.960936	--	UNT to Charlotte Creek	P	I	C	931-1607	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	Per DEC, no concerns as this was a dry ditch along AG field; no timing restrictions.	N/A	14	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
		DE-1L-S210B	153 of 220				--		E	N/A	C	931-1607	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		DE-1L-W248A / DE-1L-S210C	239 of 368 / 153 of 220				N/A		I	N/A	C	931-1607	No	N/A	II / N/A	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 37, 35, 37, 40, 53, 58A, 90, 91	Per DEC, there is no defined bed or channel and it is considered an ephemeral stream; non-jurisdictional for NYSDEC; jurisdictional to USACE. Per DEC, potential improvements/mitigation would be to work with landowner on excluding livestock from stream; no timing restrictions.	N/A	0	436	0.01	20	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--
PSS, Stream	78.47	DE-1G-S242	154 of 220	80	42.423016	-74.955237	--	UNT to Charlotte Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	78.47	DE-1L-W250	240-241 of 368				N/A	--	--	--	--	--	--	--	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	224	0.00	0.43	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.05	0.00	0.00	--	--	--	--		
	78.59	DE-1G-S243	154 of 220				--	UNT to Charlotte Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	Per DEC, there is no defined bed or channel and it is considered an ephemeral stream; non-jurisdictional for NYSDEC; jurisdictional to USACE; no timing restrictions.	N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	78.60	DE-1G-S244	154 of 220				80	42.422946	-74.954526	--	UNT to Charlotte Creek	E	N/A	D	N/A	--	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PSS	78.66	DE-1L-W252	242 of 368	80	42.422666	-74.952423	N/A	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	
PFO	79.01	DE-1L-W304	243 of 368	81	42.422385	-74.946844	N/A	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	38	0.03	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--	--		
PFO, Stream	79.03	DE-1L-W303 / DE-1L-S254	243 of 368 / 155 of 220	81	42.422283	-74.946436	N/A	UNT to Charlotte Creek	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	17	436	0.01	110	0.18	0.00	0.00	0.11	0.00	0.00	0.07	0.00	0.00	0.00	0.00	--	--	--	--		
PFO, Stream	79.07	DE-1L-W305 / DE-1L-S256	243 of 368 / 155 of 220	81	42.422081	-74.945822	N/A	UNT to Charlotte Creek	I	I	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	12	871	0.02	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	
PFO, Stream	79.13	DE-1L-W306 / DE-1L-S255	243 of 368 / 155 of 220	81	42.421974	-74.944992	N/A	UNT to Charlotte Creek	I	I	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	11	1307	0.03	0	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--	--		
PEM	79.77	DE-1M-W148	244 of 368	81	42.425315	-74.933557	N/A	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	104	0.13	0.00	0.00	0.05	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	--	--	--	--		
PEM	79.78	DE-1P-W149	244 of 368	82	42.425211	-74.932685	N/A	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.05	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--	--		



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland/ Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>												NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>											
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Wetland Crossing Length (ft)	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)						Crossing Length (ft)	Construction (Acres)	Operation (Acres)								
																								PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)												
Stream	79.89	DE-1M-S135	156 of 220	82	42.425108	-74.931060	--	UNT to Charlotte Creek	E	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	15	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
PEM	79.93	DE-1M-W150	245 of 368	82	42.425032	-74.930380	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	36	0.04	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--							
PFO, Stream	80.20	DE-1M-W151	246-246a of 368	82	42.424659	-74.924814	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	154	0.28	0.00	0.00	0.18	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--							
	80.21	DE-1P-S136	157 of 220	82	42.424631	-74.925161	--	--	P	MI	C	931-1617	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
	80.30	DE-1P-S138	158 of 220	82	42.424639	-74.923253	--	UNT to Charlotte Creek	P	MI	C	931-1617	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Per DEC, assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	6	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
	80.30	DE-1P-S137	158 of 220				--	P	I	C	931-1617	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Per DEC, assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	13	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
	80.31	DE-1G-S207	158 of 220				--	P	MI	C	931-1617	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	80.32	DE-1L-S208	158 of 220				--	P	MI	C	931-1617	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Stream	80.37	DE-1L-S206	158 of 220				82	42.424643	-74.921726	--	UNT to Charlotte Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Per DEC, assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stream	80.45	DE-1B-S267	160 of 220				82	42.424634	-74.920306	--	UNT to Charlotte Creek	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	13	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PFO, Stream	80.50	DE-1Q-W180	247 of 368	82	42.425391	-74.918858	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	286	0.49	0.00	0.00	0.29	0.00	0.00	0.20	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--					
		DE-1G-S183B	161 of 220				--	I	N/A	C (TS)	--	N/A	N/A	Vegetation Clearing	2A, 5, 6, 7, 53		June 1 - Sept. 30	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
		DE-1G-S183C	161 of 220				--	I	MI	C (TS)	--	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		June 1 - Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
		DE-1G-S183	161 of 220				--	P	MI	C (TS)	931-1616	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Previously proposed crossing was avoided and the new proposed crossing has been shifted 300 feet southeast.	June 1 - Sept. 30	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
		DE-1G-S183C	161 of 220				--	I	MI	C (TS)	--	N/A	N/A	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		June 1 - Sept. 30	0	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO	80.76	DE-1Q-W181	248 of 368	82	42.427234	-74.915118	N/A	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	189	0.29	0.00	0.00	0.16	0.00	0.00	0.13	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--			
PFO	80.89	DE-1A-W472	248a of 368	83	42.428114	-74.913081	N/A	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	86	0.11	0.00	0.00	0.05	0.00	0.00	0.06	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--			
PFO	81.40	DE-1G-S200	162 of 220	83	42.432835	-74.905715	N/A	Isolated Hillside Seep	N/A	N/A	N/A	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	Isolated Hillside Seep	N/A	0	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PFO	81.51	DE-1C-W354	249 of 368	83	42.433823	-74.904268	N/A	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	--	--			



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>					
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
PSS, Stream	81.59	DE-1C-W345/ DE-1I-S201	250 of 368 / 163 of 220	83	42.434158	-74.902447	N/A	Kortright Creek	P	I	C (TS)	931-1620.1	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70, 72, 116	No access property. It was viewed approximately 225-feet south of ROW. Per DEC, trout was not noted but assumed present; NYSDEC would like to see the oxbow (double crossing) either eliminated or treated the same as the main stream. In addition, the RR has a steep bank (approximately 30%). NYSDEC would like to see stream bed replaced with natural material. USACE stated that articulated mat is not recommended as first line for grade control. The undercut banks would need to be restored for trout habitat.	June 1 - Sept. 30	41	3049	0.07	19	0.00	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--
Stream	81.61	DE-1G-S201A	164 of 220	83			--	Kortright Creek	I	I	C (TS)	931-1620.1	--	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		June 1 - Sept. 30	29	2178	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM	81.66	DE-1C-W353	251 of 368	83	42.435034	-74.901638	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--			
PEM	81.68	DE-1C-W351	251 of 368	83	42.434729	-74.901074	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	81.70	DE-1C-W350	251 of 368	83	42.434870	-74.900920	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO, Stream	81.97	DE-1I-W245	254 of 368	84	42.437026	-74.896717	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	139	0.24	0.00	0.00	0.15	0.00	0.00	0.09	0.00	0.00	0.00	0.00	--	--	--			
	81.97	DE-1G-S203	165 of 220				--	UNT to Kortright Creek	P	I	C (TS)	931-1620.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Waterbody at previously proposed crossing was avoided. The new proposed crossing was shifted north 20 feet (but still within woods).	June 1 - Sept. 30	12	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	81.98	DE-1I-S203A	165 of 220				--	--	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Stream	82.01	DE-1G-S204	166 of 220	84	42.437277	-74.895787	--	UNT to Kortright Creek	E	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	83.11	DE-1B-S271	167 of 220	85	42.442486	-74.876178	--	UNT to Kortright Creek	P	MI	C	931-1626.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Per DEC, assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	9	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO	83.15	DE-1B-W336	255 of 368	85	42.442871	-74.875490	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	37	0.06	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO, Stream	83.32	DE-1B-W337/ DE-1B-S272	256 of 368 / 168 of 220	85	42.444391	-74.871647	N/A	UNT to Kortright Creek	P	I	C	931-1626.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	15	1307	0.03	222	0.37	0.00	0.00	0.22	0.00	0.00	0.15	0.00	0.00	0.00	0.00	--	--	--		
PEM	83.61	DE-1C-W346	257 of 368	85	42.446000	-74.867763	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	2	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	83.88	DE-1N-W006	258 of 368	86	42.448170	-74.862831	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	134	0.18	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	83.96	DE-1N-W005	168a of 368	86	42.449123	-74.862362	D-10, Class II	--	--	--	--	--	--	N/A	N/A	N/A			--	--	--	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152	0.21	0.16			
PFO	85.17	DE-1G-W008	259 of 368	87	42.454193	-74.840427	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PFO	85.81	DE-1N-W156A	260-260a of 368	88	42.456437	-74.828142	D-11, Class II	--	--	--	--	--	--	N/A	IV	N/A	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91	--	--	--	--	163	0.11	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	263	0.82	0.33		
PFO	86.06	DE-1L-W301	261 of 368	88	42.457003	-74.823929	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	13	0.06	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--			



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>										NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>					
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)				Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)				PEM (Fill)		
Stream	86.08	DE-1L-S252	169 of 220	88	42.457020	-74.823441	--	UNT to Middle Brook	I	I	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	13	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PFO	86.09	DE-1L-W300	262 of 368	88	42.456936	-74.823168	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	378	0.71	0.00	0.00	0.45	0.00	0.00	0.26	0.00	0.00	0.00	0.00	--	--	--		
PFO	87.04	DE-1C-W215	263 of 368	89	42.462563	-74.807515	D-13, Class II	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.03	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	305	0.64	0.39	
PFO	87.05	DE-1Q-W216	263 of 368	89	42.462847	-74.806981	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--			
PFO, Stream	87.09	DE-1R-S001	170 of 220	89	42.462827	-74.806425	--	UNT to Middle Brook	I	I	C	931-1646	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	16	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	87.10	DE-1C-S117	170 of 220				--	Mud Lake/UNT to Middle Brook	P	MI	C	931-1646	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	10	2614	0.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	87.11	DE-1C-W217	263 of 368				D-13, Class II	--	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	22	0.04	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	262
PEM	87.69	DE-1T-W051	265 of 368	89	42.466698	-74.795994	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS	87.74	DE-1C-W050A	266 of 368	89	42.467082	-74.795320	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	34	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--		
PSS, PFO, Stream	87.85	DE-1P-W052	267 of 368	90	42.467479	-74.794627	N/A	--	--	--	--	--	--	N/A	VI, II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91	--	--	--	--	288	0.00	0.41	0.00	0.00	0.34	0.00	0.00	0.00	0.07	0.00	0.00	--	--	--		
	87.87	DE-1T-S051	172 of 220				--	Middle Brook	P	I	C (TS)	931-1645	Yes	N/A	V	N/A	2A, 5, 6, 7, 53	DEC chose to skip, stream was already reviewed.	June 1 - Sept. 30	54	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PSS, Stream	88.08	DE-1T-W055 / DE-1T-S052	267a of 368 / 173 of 220	90	42.469110	-74.790904	N/A	UNT to Middle Brook	P	MI	C (TS)	931-1647	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91	NYSDEC Region 4 designated C(TS). DEC chose to skip, stream was already reviewed.	June 1 - Sept. 30	9	871	0.02	27	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--	
Stream	88.45	DE-1P-S053B	174 of 220	90	42.472108	-74.784089	--	UNT to Middle Brook	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Stream	88.49	DE-1P-S053	174 of 220	90	42.472100	-74.783535	--	UNT to Middle Brook	P	I	C (TS)	931-1647	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC Region 4 designated C(TS). The waterbody crossing at previous location has been avoided per NYSDEC request. The new proposed crossing has been shifted 25 feet north.	June 1 - Sept. 30	15	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PSS	89.84	DE-1T-W060	268-270 of 368	92	42.486329	-74.763907	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	1,033	0.00	1.74	0.00	0.00	1.50	0.00	0.00	0.24	0.00	0.00	--	--	--			
PEM	90.21	DE-1P-W128	271 of 368	92	42.490892	-74.759282	D-8, Class II	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	903	0.00	0.00	1.54	0.00	0.00	1.54	0.00	0.00	0.00	0.00	1048	2.32	1.30			
PFO			272-274a of 368					42.494004	-74.754478	--	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	145	0.35	0.00	0.00	0.24	0.00	0.00	0.11	0.00	0.00	0.00	--
PEM	90.21	DE-1Q-W212	271 of 368	92	42.490064	-74.761085	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--			



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Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/Stream Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h,i</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>j</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>				
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)		
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)					
Stream	90.22	DE-1L-S250	176 of 220	92	42.490083	-74.760948	--	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with Quaker Hill Road/Powerline along road crosses easement perpendicularly	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	--	N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PFO	91.00	DE-1P-W129	274b of 368	92	42.496886	-74.748978	D-8, Class II	--	--	--	--	--	--	N/A	N/A	N/A			--	--	--	--	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.01	0	
Stream	91.82	DE-1G-S006/DE-XX-S91.82	N/A	94	42.501523	-74.734460	--	UNT to Charlotte Creek	I	MI	C (TS)	931-1694	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2A, 5, 6, 7, 53	NYSDEC Region 4 designated C(TS). Assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PFO	92.10	DE-1G-W017	275 of 368	94	42.502862	-74.729280	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	53	0.11	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	--	--	--
Stream	92.30	DE-1C-W344/DE-1G-S005	276 of 368 / 177 of 220	94	42.503502	-74.725020	--	UNT to Charlotte Creek	I	I	C (T)	931-1695	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66	Jurisdictional with time restrictions.	June 1 - Sept. 30	10	871	0.02	263	0.42	0.00	0.00	0.24	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	--	--	--
PFO	92.35	DE-1N-W012	277 of 368	94	42.503644	-74.724123	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	199	0.36	0.00	0.00	0.22	0.00	0.00	0.14	0.00	0.00	0.00	0.00	--	--	--	
PEM	92.87	DE-1P-W258A	278 of 368	95	42.505573	-74.714775	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PSS, PFO	93.32	DE-1G-W143	279 of 368	95	42.508823	-74.706052	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	216	0.10	0.26	0.00	0.05	0.22	0.00	0.05	0.00	0.04	0.00	0.00	0.00	--	--	--
PFO	93.47	DE-1Q-W142	280 of 368	95	42.508924	-74.704227	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	86	0.19	0.00	0.00	0.13	0.00	0.00	0.06	0.00	0.00	0.00	0.00	--	--	--	
PSS, Stream	94.60	SC-1F-W003	282 of 368	96	42.516549	-74.691715	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32,33,34,35,37,40,58 A,90,91			--	--	--	16	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--		
	94.60	SC-1F-S002	178 of 220				--	UNT to Charlotte Creek	P	MI	C (TS)	931-1701.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 111	NYSDEC Region 4 designated C(TS). The waterbody crossing at previous location has been avoided per NYSDEC request. The new proposed crossing has been shifted 130 feet northwest.	June 1 - Sept. 30	14	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	94.61	SC-1S-S315	178 of 220				--	UNT to Charlotte Creek	I	MI	C (T)	931-1701.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC Region 4 designated C(T) during field visit. Jurisdictional with time restrictions.	June 1 - Sept. 30	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PSS	94.65	SC-1N-W001	283 of 368	96	42.517196	-74.690303	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	321	0.00	0.53	0.00	0.00	0.46	0.00	0.00	0.07	0.00	0.00	--	--	--		
PEM	94.95	SC-1Y-W436	284 of 368	97	42.518595	-74.686589	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--		
PEM, Stream	94.96	SC-1Y-W437	284 of 368	97	42.518983	-74.685426	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32,33,34,35,37,40,58 A,90,91			--	--	--	88	0.00	0.00	0.12	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	--	--	--	
	94.97	SC-1Y-S342	179 of 220				Road Ditch	I	MI	N/A	N/A	No	N/A	III	N/A				3, 12, 13, 14, 18, 19, 28, 34,37,40,58A,90,91			N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--		



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>								
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)						
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)									
PFO, PSS, PEM, Stream	95.18	SC-1H-W257	285-286 of 368	97	42.520869	-74.681769	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	260	0.24	0.01	0.26	0.20	0.01	0.26	0.04	0.00	0.00	0.00	0.00	--	--	--						
	95.20	SC-1C-S325E	180 of 220				--	UNT to Clapper Hollow Creek	P	N/A	C (TS)	931-1701	No	N/A	N/A	Vegetation Clearing	2A, 5, 6, 7, 53	June 1 - Sept. 30	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
	95.20	SC-1C-S325F	180 of 220				--	UNT to Clapper Hollow Creek	P	N/A	C (TS)	931-1701	No	N/A	N/A	Vegetation Clearing	2A, 5, 6, 7, 53	June 1 - Sept. 30	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	95.21	SC-1C-S325	180 of 220				--	Clapper Hollow Creek	P	I	C (TS)	931-1701	Yes	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70, 72	The waterbody crossing at previous location has been avoided per NYSDEC request. The new proposed crossing has been shifted 200 feet southeast (upstream).	June 1 - Sept. 30	20	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	95.23	SC-1C-S325A	180 of 220				--	UNT to Clapper Hollow Creek	P	N/A	C (TS)	931-1701	No	N/A	N/A	Vegetation Clearing	2A, 5, 6, 7, 53	June 1 - Sept. 30	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PEM, Stream	95.37	SC-1Q-W377/ SC-1Q-S284	287 of 368 / 181 of 220	97	42.522482	-74.679807	N/A	UNT to Clapper Hollow Creek	P	MI	C (TS)	931-1701	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91	No concern. Connected to beaver pond area and suitable stream. Small stream, more of wetland swale where CL crosses at head. Jurisdictional with time restrictions.	June 1 - Sept. 30	3	436	0.01	25	0.00	0.00	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--			
PFO, PSS	95.60	SC-1X-W256	288 of 368	97	42.523747	-74.675639	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	480	0.01	0.86	0.00	0.01	0.75	0.00	0.00	0.00	0.11	0.00	0.00	0.00	--	--	--					
PSS	95.61		289 of 368	97	42.524406	-74.672627	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	371	0.00	0.76	0.00	0.00	0.67	0.00	0.00	0.00	0.09	0.00	0.00	0.00	--	--	--					
PSS	96.04	SC-1Q-W374	290 of 368	98	42.525214	-74.667260	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	53	0.00	0.08	0.00	0.00	0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--					
Stream	96.08	SC-1Q-S278	182 of 220	98	42.525247	-74.666666	--	UNT to Clapper Hollow Creek	P	I	C (T)	931-1701.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 66, 70, 112	DEC concerned about possible head cut from downstream; recommended grade control features downstream of pipeline crossing to prevent future exposure; also mentioned that the downed trees in stream should be left in place as they provide grade control. Workspace reduced to 75-foot, streambanks restored to preconstruction condition. For standard BMPs, see ECP.	June 1 - Sept. 30	16	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PEM	96.37	SC-1C-W373	291 of 368	98	42.527766	-74.662183	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
Stream	96.40	SC-1C-S280	183 of 220	98	42.527950	-74.661564	--	Road Ditch	E	MI	N/A	N/A	No	Road ditch associated with Stannard Road / Powerline along road crosses easement perpendicularly	III	N/A	1, 2, 5, 6, 7, 53	--	--	--	--	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--					
PEM	96.93	SC-1H-W253	292-293 of 368	99	42.533242	-74.654666	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	0	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
PFO					42.534054	-74.652650	N/A	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	210	0.36	0.00	0.00	0.22	0.00	0.00	0.14	0.00	0.00	0.00	0.00	--	--	--				
PEM	97.34	SC-1C-W411	294 of 368	99	42.535248	-74.647304	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	155	0.00	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
PEM, Stream	97.34	SC-1G-W443	294 of 368	99	42.535418	-74.645768	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91	--	--	--	--	209	0.00	0.00	0.34	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
	97.45	SC-1G-S343	184 of 220				--	UNT to Clapper Hollow Creek	P	I	C (TS)	931-1701.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC Region 4 designated C(TS).	June 1 - Sept. 30	11	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PEM	97.61	SC-1K-W417	295 of 368	99	42.536516	-74.642364	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91	--	--	--	--	91	0.00	0.00	0.17	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--					
Stream	97.73	SC-1C-S329	185 of 220	99	42.537105	-74.640422	--	Road Ditch	I	MI	N/A	N/A	No	Road ditch associated with Arabia Road / Powerline along road crosses easement perpendicularly	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	--	--	--	--	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--					





CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>			
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Wetland Crossing Length (ft)	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)
																								PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)			
PFO, Stream	97.78	SC-1A-S370C	185a of 220	99	42.537380	-74.639365	--	UNT to Clapper Hollow Creek	I	I	C (T)	931-1701.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 72	Assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	11	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	97.79	SC-1A-W460	295a of 368	99	42.537463	-74.639127	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	189	0.32	0.00	0.00	0.19	0.00	0.00	0.13	0.00	0.00	0.00	0.00	--	--	--	
	97.79	SC-1A-S370	185a of 220	99	42.537432	-74.639312	--	UNT to Clapper Hollow Creek	P	I	C (T)	931-1701.1	--	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		June 1 - Sept. 30	17	1742	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	97.80	SC-1A-S370F	185a of 220	99	42.537463	-74.639207	--	UNT to Clapper Hollow Creek	I	MI	C (T)	931-1701.1	--	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53		June 1 - Sept. 30	9	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PFO	98.61	SC-1L-W427	296 of 368	100	42.542563	-74.625246	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	25	0.03	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	--	--	--	
Stream	98.62	SC-1L-S335	186 of 220	100	42.542707	-74.625147	--	UNT to Clapper Hollow Creek	P	I	C (T)	931-1701.1	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	Assumed to require time restriction; no access at time of field visit.	June 1 - Sept. 30	42	2614	0.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PFO	99.47	SC-1C-W459	297 of 368	101	42.553942	-74.618268	SU-17, Class II	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	132	0.23	0.00	0.00	0.14	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	440	1.00	0.47
PSS	100.96	SC-1P-W133	298 of 368	103	42.567014	-74.599732	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	359	0.00	0.63	0.00	0.00	0.55	0.00	0.00	0.00	0.08	0.00	0.00	--	--	--	
PEM	101.06	SC-1P-W135	299 of 368	103	42.567377	-74.597660	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	217	0.00	0.00	0.39	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	101.47	SC-1A-W422	300 of 368	103	42.570097	-74.591430	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.11	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, PSS	101.58	SC-1A-W421	301 of 368	103	42.570587	-74.589403	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	32	0.00	0.01	0.05	0.00	0.01	0.05	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, PFO	101.62	SC-1E-W101	302 of 368	103	42.570784	-74.588279	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	139	0.08	0.00	0.11	0.03	0.00	0.11	0.05	0.00	0.00	0.00	0.00	--	--	--	
PFO	101.69	SC-1E-W100	303 of 368	103	42.570987	-74.586861	N/A	--	--	--	--	--	--	N/A	II & IV	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	260	0.50	0.00	0.00	0.33	0.00	0.00	0.17	0.00	0.00	0.00	0.00	--	--	--	
PFO, Stream	101.69	SC-1E-W103 / SC-1E-S102	303 of 368 / 187 of 220	103	42.571181	-74.585960	N/A	West Kill	P	I	C (T)	879-141	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91	No access to site, stream viewed from the road. There are steep banks on both sides of the stream. Per DEC, conventional bore through road and stream will likely not work; assumed to require time restriction.	June 1 - Sept. 30	34	2178	0.05	8	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--
PFO, Stream	102.10	SC-1E-W105 / SC-1E-S104	304 of 368 / 188 of 220	104	42.574303	-74.581236	N/A	UNT to West Kill	I	MI	C	879-160	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	340	0.58	0.00	0.00	0.35	0.00	0.00	0.23	0.00	0.00	0.00	0.00	--	--	--
PEM, PFO	102.57	SC-1R-W111	305 of 368	104	42.580299	-74.577387	N/A	--	--	--	--	--	--	N/A	II & IV	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	43	0.04	0.00	0.02	0.03	0.00	0.02	0.01	0.00	0.00	0.00	0.00	--	--	--	
PFO, Stream	102.99	SC-1E-W112 / SC-1E-S105	306 of 368 / 189 of 220	104	42.585576	-74.574031	N/A	UNT to West Kill	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	315	0.58	0.00	0.00	0.36	0.00	0.00	0.22	0.00	0.00	0.00	0.00	--	--	--
PFO	103.51	SC-1M-W233	307 of 368	105	42.590331	-74.567304	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	305	0.37	0.15	0.00	0.21	0.13	0.00	0.16	0.00	0.02	0.00	0.00	--	--	--	





CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>				
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)		
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)					
PSS	103.62	SC-1A-W464	307a of 368	105	42.591277	-74.565512	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	88	0.00	0.09	0.00	0.00	0.07	0.00	0.00	0.00	0.02	0.00	0.00	--	--	--		
Stream	104.08	SC-1M-S013	190 of 220	106	42.596728	-74.560893	--	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO, PEM	104.14	SC-1M-W181	308 of 368	106	42.597534	-74.560254	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	329	0.11	0.00	0.38	0.07	0.00	0.38	0.04	0.00	0.00	0.00	0.00	--	--	--		
PEM	104.34	SC-1M-W184	309 of 368	106	42.599950	-74.558342	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	104.40	SC-1M-W188	310 of 368	106	42.600684	-74.557569	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	104.42	SC-1I-W434	310 of 368	106	42.601048	-74.557488	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	38	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM, PFO, Stream	104.53	SC-1P-W056 / SC-1G-S151	311 of 368 / 191 of 220	106	42.602119	-74.556089	N/A	Beards Hollow Brook	P	MI	C	879-42	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91		N/A		436	0.01	70	0.01	0.00	0.14	0.01	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PSS, PEM	104.64	SC-1N-W055	312 of 368	107	42.603939	-74.555045	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58A, 90, 91		--	--	--	425	0.00	0.50	0.09	0.00	0.43	0.09	0.00	0.00	0.07	0.00	0.00	0.00	0.00	--	--	--
Stream	104.87	SC-1Q-S244	192 of 220	107	42.605504	-74.552196	--	UNT to Beards Hollow Brook	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Stream	105.25	SC-1P-S218	193 of 220	107	42.608532	-74.546191	--	UNT to Beards Hollow Brook	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO, Stream	105.27	SC-1B-W458 / SC-1P-S218A	319a of 368 / 193 of 220	107	42.608746	-74.546000	N/A	UNT to Beards Hollow Brook	I	MI	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 37, 35, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	0	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--
PEM, Stream	150.60	SC-1G-W340 / SC-1G-S249	314 of 368 / 194 of 220	107	42.611625	-74.541165	N/A	UNT to Beards Hollow Brook	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		N/A	8	436	0.01	243	0.00	0.00	0.36	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PEM	105.72	SC-1G-W339	316 of 368	107	42.612945	-74.539045	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	105.73	SC-1L-W304	316a of 368	107	42.612899	-74.538703	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	0	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	105.77	SC-1L-W303	317 of 368	107	42.613069	-74.538113	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	50	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	105.82	SC-1L-S166	195 of 220	107	42.612970	-74.537364	--	UNT to Cobleskill Creek	P	I	C	879-42	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	15	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	105.83	SC-1L-S166A	196 of 220	107	42.612834	-74.537229	--	UNT to Cobleskill Creek	P	N/A	C	879-42	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM, PFO	105.84	SC-1L-W300	318-319 of 368	108	42.612661	-74.535258	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	858	0.12	0.00	1.49	0.05	0.00	1.49	0.07	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	106.18	SC-1L-S164	197 of 220	108	42.614111	-74.530801	--	UNT to Cobleskill Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PEM, Stream	106.38	SC-1J-W385 / SC-1I-S297	320 of 368 / 198 of 220	108	42.616043	-74.527739	N/A	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	0	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>													NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>												
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)												
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)															
Stream	106.49	SC-1J-S300	199 of 220	108	42.616909	-74.526710	--		E	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Stream	106.49	SC-1J-S298	199 of 220	108	42.617068	-74.526384	--	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Stream	106.55	SC-1L-S195	200 of 220	108	42.617608	-74.525357	--		E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
PEM, Stream	106.57	SC-1L-W352/ SC-1L-S264	321 of 368 / 200 of 220	108	42.617811	-74.525128	N/A	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	36	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--				
Stream	106.60	SC-1L-S165A	201 of 220	108	42.617999	-74.524574	--		I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	5	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
Stream	106.60	SC-1L-S265	201 of 220	108	42.618107	-74.524504	--	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Stream	106.63	SC-1L-S165B	201 of 220	108	42.618390	-74.524379	--		I	MI	C	879-42	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	6	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PFO, Stream	106.67	SC-1Q-W354/ SC-1Q-S165C	322 of 368 / 202 of 220	108	42.618912	-74.524080	N/A	UNT to Cobleskill Creek	I	N/A	D	N/A	No	N/A	II / N/A	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91		N/A	0	436	0.01	44	0.06	0.00	0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--		
PSS, PEM, Stream	106.99	SC-1L-W356/ SC-1L-S267	323 of 368 / 203 of 220	109	42.622768	-74.520192	N/A	UNT to Cobleskill Creek	P	MI	C	879-42	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91		N/A	3	436	0.01	583	0.00	0.34	0.69	0.00	0.30	0.69	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	
PSS	107.17	SC-1D-W295	324 of 368	109	42.624241	-74.517325	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	173	0.00	0.28	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	
PFO, PSS	107.46	SC-1D-W296	325 of 368	109	42.624378	-74.511809	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	150	0.17	0.11	0.00	0.11	0.09	0.00	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	
PFO	107.66	SC-1I-W397	326 of 368	109	42.624233	-74.508075	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--			
PFO	107.86	SC-1J-W396	327 of 368	110	42.625482	-74.504779	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--		
PEM	107.99	SC-1I-W395	328 of 368	110	42.626779	-74.502750	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	
PSS	108.12	SC-1I-W387	329 of 368	110	42.627820	-74.500688	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	40	0.00	0.05	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	
PFO	108.49	SC-1Q-W359	330 of 368	110	42.631021	-74.494643	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	68	0.07	0.00	0.00	0.03	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	
PEM	108.58	SC-1C-W360	331 of 368	110	42.631208	-74.492438	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	--	191	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--	
PEM, Stream	108.81	SC-1C-W361/ SC-1C-S271	332 of 368 / 204 of 220	110	42.632224	-74.488946	N/A	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91		N/A	10	436	0.01	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--
PEM, Stream	109.13	SC-1C-W366/ SC-1C-S279	333 of 368 / 205 of 220	111	42.634083	-74.483149	N/A	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	1, 2, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 37, 35, 37, 40, 53, 58A, 90, 91		N/A	5	436	0.01	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>										NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>						
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
Stream	109.15	SC-1C-S278	205 of 220	111	42.634228	-74.482858	--	UNT to Cobleskill Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	7	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--				
PEM	109.18	SC-1C-W370	334 of 368	111	42.634487	-74.482102	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	145	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	--	--	--			
PEM, PFO, Stream	109.49	SC-1Q-S274	206 of 220	111	42.634131	-74.476586	--	UNT to House Creek	I	N/A	D	N/A	No	N/A	N/A	Vegetation Clearing	1, 2, 5, 6, 7, 53		N/A	0	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--				
	109.52	SC-1Q-S273	206 of 220				--	UNT to House Creek	E	MI	C (TS)	879-124	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 53	NYSDEC Region4 designated C(TS).	June 1 - Sept. 30	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	109.52	SC-1Q-W363	335 of 368				N/A	--	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	248	0.39	0.00	0.05	0.24	0.00	0.05	0.15	0.00	0.00	0.00	0.00	--	--	--
PFO, PEM, Stream	109.71	SC-1Q-S280	207 of 220	111	42.634037	-74.472394	--	UNT to House Creek	P	MI	C (TS)	879-124	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		June 1 - Sept. 30	4	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
	109.71	SC-1Q-W365	336 of 368				N/A	--	--	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	278	0.42	0.00	0.02	0.23	0.00	0.02	0.19	0.00	0.00	0.00	0.00	--	--	--	
	109.73	SC-1I-S280A	207 of 220				--	UNT to House Creek	I	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	8	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO, PEM	109.91	SC-1Q-W367	337 of 368	112	42.635134	-74.468381	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	240	0.11	0.00	0.27	0.11	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS, Stream	110.10	SC-1L-W307/ SC-1C-S186	338 of 368 / 208 of 220	112	42.635982	-74.465168	N/A	House Creek	P	I	C (TS)	879-119	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 34, 37, 40, 53, 58A, 90, 91	Per DEC, assumed to require time restriction at this time due to no access.	June 1 - Sept. 30	30	1307	0.03	373	0.00	0.65	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.09	0.00	0.00	--	--	--	
PSS, Stream	110.28	SC-1L-W308/ SC-1C-S186A	339 of 368 / 209 of 220	112	42.636843	-74.461787	N/A	UNT to House Creek	P	I	C (TS)	879-119	No	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 3, 5, 6, 7, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 53, 58A, 90, 91	Per DEC, assumed to require time restriction at this time due to no access.	June 1 - Sept. 30	15	871	0.02	212	0.00	0.32	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	--	--	--
PFO, PSS	110.37	SC-1C-W315	340 of 368	112	42.637342	-74.459875	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19, 28, 34, 37, 40, 58A, 90, 91		--	--	--	203	0.01	0.35	0.00	0.01	0.30	0.00	0.00	0.00	0.00	0.05	0.00	0.00	--	--	--		
Stream	110.57	SC-1C-S187	210 of 220	112	42.638253	-74.456539	--	Road Ditch	E	MI	N/A	N/A	No		III	N/A	1, 2, 5, 6, 7, 53					--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PSS, Stream	110.58	SC-1C-W419/ SC-1C-S331	341 of 368 / 210 of 220	112	42.638286	-74.456415	N/A	UNT to House Creek	I	MI	D	N/A	No	N/A	IV / III	N/A	1, 2, 5, 6, 7, 53			N/A	3	436	0.01	10	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--	
PSS, Stream	110.76	SC-1B-W455/ SC-1C-S332	342 of 368 / 211 of 220	112	42.639199	-74.453215	N/A	UNT to House Creek	P	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53			N/A	8	871	0.02	19	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--	
PFO	110.76	SC-1C-W418	342 of 368	112	42.639280	-74.452134	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS	110.94	SC-1C-W420	343 of 368	113	42.639938	-74.449661	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19, 28, 29, 29A, 32, 33, 34, 35, 37, 40, 58 A, 90, 91		--	--	--	0	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--		



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>					
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)			
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)						
PFO	111.27	SC-1G-W441	344 of 368	113	42.641895	-74.443790	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	0	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, PEM	111.49	SC-1L-W215	345-346 of 368	113	42.644167	-74.440600	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	325	0.00	0.36	0.19	0.00	0.31	0.19	0.00	0.00	0.05	0.00	0.00	0.00	--	--	--	
PEM					42.645054	-74.437974	N/A	--	--	--	--	--	--	--				--	--	N/A		--	--	--	--	318	0.00	0.00	0.56	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFO	111.96	SC-1Q-W216	347 of 368	114	42.646082	-74.431902	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	50	0.11	0.00	0.00	0.08	0.00	0.00	0.03	0.00	0.00	0.00	0.00	--	--	--		
PFO	112.03	SC-1L-W213	347 of 368	114	42.646228	-74.430687	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	150	0.32	0.00	0.00	0.21	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS, PEM, Stream	113.35	SC-1M-W071 / SC-1P-S019	348-350 of 368 / 212 of 220	115	42.649971	-74.408261	CO-25, Class II	UNT to Limekiln Creek	P	MI	C	879-95	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	7	871	0.02	1,273	0.00	0.39	1.79	0.00	0.34	1.79	0.00	0.00	0.05	0.00	0.00	0.00	250	0.39	0.13	
PSS, Stream	113.73	SC-1M-W067 / SC-1M-S018	351 of 368 / 213 of 220	115	42.653696	-74.403029	CO-25, Class II	UNT to Limekiln Creek	E	MI	C	879-95	No	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	3	436	0.01	384	0.00	0.63	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.09	0.00	0.00	212	0.36	0.02	
Stream	114.52	SC-1N-S016	214 of 220	116	42.659327	-74.390340	--	UNT to Limekiln Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM	114.67	SC-1M-W058	352-353 of 368	116	42.659394	-74.386898	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	694	0.00	0.00	1.18	0.00	0.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	115.47	SC-1N-W063	354 of 368	117	42.663201	-74.373057	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	--	--	--		
PSS, PEM	118.40	SC-1Q-W156	355 of 368	120	42.692540	-74.338998	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.00	0.03	0.05	0.00	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PSS	119.39	SC-1Q-W164	356 of 368	121	42.698977	-74.321933	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	221	0.00	0.36	0.00	0.00	0.31	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	--	--	--
PEM	119.65	SC-1I-W399	357 of 368	121	42.701675	-74.318670	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	0	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	119.74	SC-1Q-S289	215 of 220	121	42.702126	-74.317183	--	Schoharie Creek	P	MA	C (Warm Water Fish)	879-1	Yes	N/A	V	N/A	1, 2, 5, 6, 7, 53	--	July 16 - February 28	248	0	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEMStream	119.89	SC-1Q-W379 / SC-1Q-S291	359 of 368 / 216 of 220	122	42.703300	-74.314854	N/A	UNT to Schoharie Creek	E	MI	D	N/A	No	N/A	N/A / II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		N/A	5	436	0.01	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
PEM	119.90	SC-1Q-W380	359 of 368	122	42.703728	-74.314646	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	127	0.00	0.00	0.21	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	119.99	SC-1Q-W382	360 of 368	122	42.704989	-74.314590	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	--	22	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	120.43	SC-1A-W292C	361 of 368	122	42.707369	-74.306329	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	0	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
PEM	120.43	SC-1A-W292D	361 of 368	122	42.707282	-74.307181	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	--	44	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	



CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland/ Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>			Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>				
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)		
																							PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)					
PSS	120.51	SC-1U-W292F	363 of 368	122	42.707059	-74.305695	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	23	0.00	0.05	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	--	--	--		
PSS, Stream	120.51	SC-1D-W292	363 of 368	122	42.707065	-74.305226	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28,29,29A, 32,33,34,35,37,40,58 A,90,91		--	--	--	217	0.00	0.36	0.01	0.00	0.31	0.01	0.00	0.00	0.05	0.00	0.00	--	--	--		
	120.55	SC-1D-S181	217 of 220				--	UNT to Schoharie Creek	E	MI	D	N/A	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53	N/A	3	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PEM	120.73	SC-1C-W313	364 of 368	122	42.707956	-74.303054	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	--	--	--		
PEM	120.73	SC-1C-W314	364 of 368	122	42.707747	-74.301785	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	40	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	120.79	SC-1C-S180	218 of 220	122	42.707394	-74.300792	--	UNT to Schoharie Creek	P	I	C(TS)	879-53	--	N/A	II	Vegetation Clearing / Pipeline Installation	2A, 5, 6, 7, 37, 53, 67, 72	NYSDEC designated C(TS)	June 1 - Sept. 30	28	2178	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PFO	121.00	SC-1A-W160A	365 of 368	123	42.708720	-74.297220	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--		
PSS	121.01	SC-1G-W160	366 of 368	123	42.708878	-74.296824	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	44	0.00	0.12	0.00	0.00	0.11	0.00	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--	
Stream	122.56	SC-1G-S196	219 of 220	124	42.702763	-74.269642	--	UNT to Schoharie Creek	P	I	C	879-53	No	N/A	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	11	871	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--			
PEM, PSS	122.71	SC-1C-W172A	367 of 368	125	42.703435	-74.266759	N/A	--	--	--	--	--	--	N/A	N/A	Vegetation Clearing	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	0	0.00	0.02	0.02	0.00	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	--	--	--	
PEM	123.06	SC-1L-W167	368 of 368	125	42.703042	-74.259133	N/A	--	--	--	--	--	--	N/A	II	Vegetation Clearing / Pipeline Installation	3, 12, 13, 14, 18, 19,28, 34,37,40,58A,90,91		--	--	--	603	0.00	0.00	1.05	0.00	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--	
Stream	123.97	SC-1Q-S060	220 of 220	126	42.700538	-74.243016	--	Louse Kill	I	I	C	879-60	No	Co-located parallel to existing 30" Tennessee Gas Pipeline	II	Vegetation Clearing / Pipeline Installation	1, 2, 5, 6, 7, 53		N/A	14	1307	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--			
<b>Pipeline Totals</b>																				<b>2,794</b>	<b>196,456</b>	<b>4.51</b>	<b>48,532</b>	<b>29,39</b>	<b>24,06</b>	<b>26,91</b>	<b>17,83</b>	<b>20,61</b>	<b>26,91</b>	<b>11,56</b>	<b>0,00</b>	<b>3,45</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>4,132</b>	<b>8,62</b>	<b>4,27</b>
<b>WETLANDS AND STREAMS ASSOCIATED WITH PROPOSED CONTRACTOR YARDS</b>																																						
PEM	77.36	OT-1C-W001	3 of 13	26-26-85/CY- 4A.2	42.470433	-74.991569	N/A	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	77.36	OT-1C-W002	2 of 13	26-26-85/CY- 4A.2	42.468791	-74.989564	N/A	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	86.88	DE-1A-W484	4 & 8 of 13	26-26-85/CY- 4D.2	42.455583	-74.897967	WD-10, Class I	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	86.88	DE-1A-W485	5 of 13	26-26-85/CY- 4D.2	42.456384	-74.897772	N/A	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	86.88	DE-1A-W486	6 of 13	26-26-85/CY- 4D.2	42.456324	-74.898833	N/A	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	86.88	DE-1A-W487	5 & 9 of 13	26-26-85/CY- 4D.2	42.455944	-74.898365	WD-10, Class I	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	86.88	DE-1A-W488	7 & 10 of 13	26-26-85/CY- 4D.2	42.456578	-74.899567	WD-10, Class I	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	107.15	SC-1Q-W426	13 of 13	26-26-85/CY- 5.1	42.644314	-74.531779	N/A	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PEM	107.15	SC-1Q-W425	11 & 12 of 13	26-26-85/CY- 5.1	42.642711	-74.532503	N/A	--	--	--	--	--	--	N/A	N/A	Material Storage	29		--	--	--	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
<b>Contractor Yard Facilities Totals</b>												<b>0,00</b>	<b>0</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>								





CONSTITUTION PIPELINE

Attachment J

Master Table of Wetlands and Waterbodies Associated with the Project in New York

Wetland/ Stream Crossing Community Type	Milepost	Delineated Wetland / Stream ID <sup>a</sup>	Site-Specific Drawing Number (USACE)	Current Alignment Sheet Number	Latitude	Longitude	NYDEC Regulated Wetland & Class <sup>b</sup>	Waterbody Name <sup>c</sup>	Type <sup>d</sup>	FERC Class <sup>e</sup>	DEC Stream/ Fishery Class <sup>f</sup>	DEC Waters Index Number <sup>g</sup>	State Navigable Waterbody (Yes/No)	Existing Crossing or Disturbance	Crossing Method <sup>h</sup>	Proposed Culvert or Other Disturbance Activity	BMPs for Construction and Restoration <sup>i</sup>	Additional Information & Comments	In-Stream Construction Window	Stream Disturbance <sup>k</sup>		Wetland Impact (acres) <sup>l</sup>											NYSDEC Regulated Adjacent Area Impacts <sup>m</sup>								
																				TOB Stream Width (ft)	Sq. Ft.	Ac.	Wetland Crossing Length (ft)	Construction (=Temporary + Permanent)			Temporary			Permanent (=Operation)					Crossing Length (ft)	Construction (Acres)	Operation (Acres)				
																								PFO	PSS	PEM	PFO	PSS	PEM	PFO (Conv)	PFO (Fill)	PSS (Conv)	PSS (Fill)	PEM (Fill)							
PSS	76.93	DE-1C-W377 PAR 48B	47 of 60	26-26-85/PAR- 48b.1	42.424328	-74.988614	N/A	--	--	--	--	--	--		Perm Fill	Perm Fill	29		--	--	--	70	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	--	--	--			
PFO	76.93	DE-1M-W154 PAR 48B	48 of 60	26-26-85/PAR- 48b.1	42.423094	-74.987764	N/A	--	--	--	--	--	--		Perm Fill	Perm Fill	29		--	--	--	15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	--	--	--				
Stream	106.45	SC-1L-S163 PAR 68	55 & 56 of 60	26-26-85/PAR- 68	42.617640	-75.527012	--	UNT to Cobleskill Creek	E	MI	D	N/A	No		Proposed Culvert	proposed driveway culvert	29		N/A	5	436	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
<b>Access Roads Total</b>																				<b>160</b>	<b>3,486</b>	<b>0.08</b>	<b>749</b>	<b>0.03</b>	<b>0.03</b>	<b>0.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.30</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.03</b>	<b>0.03</b>	<b>0.01</b>	<b>0.01</b>	<b>545</b>	<b>0.21</b>	<b>0.21</b>
<b>New York Total</b>																				<b>2,954</b>	<b>199,942</b>	<b>4.59</b>	<b>49,281</b>	<b>29.42</b>	<b>24.09</b>	<b>27.22</b>	<b>17.83</b>	<b>20.61</b>	<b>27.21</b>	<b>11.56</b>	<b>0.03</b>	<b>3.45</b>	<b>0.03</b>	<b>0.01</b>	<b>4,677</b>	<b>8.83</b>	<b>4.48</b>				

N/A: Not Applicable.  
 TBD: To Be Determined.  
 a: Crossings and impacts for wetland and waterbody features with "XC" in identification name taken from National Wetlands Inventory GIS datalayer. Where tree canopy cover obscured estimation of the waterbody crossing from scaled aerial photographs, a nominal waterbody crossing width of three feet has been included for single-line NHD waterbody features incorporated into project drawings. The Turnpike Road M&R Station site including pig launcher area was surveyed in 2013; no wetlands were identified. Wetlands associated with MLVs included in the corresponding pipeline segment.  
 b: Wetland classification according to Cowardin et al. 1979: PEM = Palustrine Emergent Wetland; PSS = Palustrine Scrub-Shrub Wetland; PFO = Palustrine Forested Wetland.  
 c: UNT: Unnamed Tributary. UNT name was identified based on review of USGS topographical mapping.  
 d: P = perennial; I = intermittent; POW = open water; E = Ephemeral.  
 e: MI = Minor (<10 feet); I = Intermediate (>10 - <100 feet); MA = Major (>100 feet).  
 f: NY Fishery Classifications: T = Trout; TS = Trout Spawning (6 NYCRR 701.25).  
 g: NY Water Quality Standards Definition: Water quality standards based on the classification and best use waterbody as determined by NYSDEC (6 NYCRR Parts 815, 879, 931).  
 h: Crossing Methods for waterbodies are: I = Wet Open Cut Method; II = Dry Crossing Method, including Flume or Dam and Pump, Cofferdam, or Dry Open Cut for waterbodies that are dry at the time of crossing; Method III = Conventional Bore; IV = HDD; V = Direct Pipe Method. Intermittent waterbodies containing discernible flow at the time of construction will be crossed using a dry crossing method, unless otherwise authorized by applicable regulatory agencies.  
 i: Crossing Methods for wetlands are: I = Standard Crossing; II = Conventional Crossing; III = Push/Pull Crossing; IV = Conventional Bore; V = Horizontal Directional Drill; VI = Direct Pipe; N/A = Wetland not crossed by pipeline.  
 j: Best Management Practices (BMPs) (see list of BMPs below).  
 k: Impacts less than 0.005 acres have been rounded up to 0.01 acres.  
 l: Construction Acreage = all workspace during construction activities (temporary & ATWS plus permanent); Operation Acreage = 10-foot wide corridor permanently maintained in herbaceous vegetated cover through PSS wetlands, and 30-foot wide corridor permanently maintained through PFO wetlands where trees taller than 15 feet will be selectively cut and removed (except between the enter/exit points for a HDD crossing where no clearing will occur). The permanently maintained corridors represent a change in cover type from PFO to PSS and PEM or PSS to PEM; there is no operation impact on PEM wetlands since there is no change in the pre- and post-construction vegetation cover type. Construction impacts were calculated using a proposed construction footprint surface area and existing landuse based on field surveys. Surface area of operational maintenance corridor as described above were used to calculate acres of operation impact to each pre-construction wetland vegetation cover type for each wetland included in the table. The ROW width at all wetland crossings is 75 feet, except for those wetlands described in Table 3.3-4.  
 m: An overlap of NYSDEC State-Regulated Wetland Adjacent Area occurs between wetlands DE-1C-W215 and DE-1C-W217. Impact totals for these two wetlands were combined together but are listed twice, once for each wetland.

j: Best Management Practices (BMPs) (see list of BMPs below)	23	Rock Filter Outlet	45	Temporary Culvert Across Open Trench	70	Live Cuttings Live Stakings Plantings	92	Typical Construction ROW Cross Section - Construction At Road Crossing
Best Management Practices (BMPs)	24	Riprap Outlet Protection - General	46	Topsail Segregation (1)	70A	Live Cuttings Live Stakings Plantings Specifications	93	Typical Construction ROW Cross Section - Co-Located Within Utility ROW Left - TWS Left
1	25	Riprap Outlet Protection - Minimum Tailwater	47	Topsail Segregation (2)	71	Live Fascine	94	Typical Construction ROW Cross Section - Co-Located Adjacent To Utility ROW Left - TWS Left
2	26	Riprap Outlet Protection - maximum Tailwater	48	Topsail Segregation (3)	72	Fiber Roll	95	Typical Construction ROW Cross Section - Conventional Construction With Overhead Utility Line Crossing
2A	27	Earthen Level Spreader	49	Cathodic Protection Anode Installation	73	Trench Dewatering Sediment Corral	96	Typical Construction ROW Cross Section - Co-Located Within Utility ROW Left - ATWS Left
3	28	Straw Bale Dike	50	Temporary Swale	74	Interceptor Slope Breaker Installation	97	Typical Construction ROW Cross Section - Across Interior Forest Land
4	29	Standard Silt Fence	51	Typical Drain Tile Repair Across Trench (1)	75	Chevron Interceptor Slope Breaker Installation & Maintenance	98	Typical Construction ROW Cross Section - Normal Construction With Foreign Pipeline Crossing - TWS Left
5	29A	Reinforced Silt Fence	52	Typical Drain Tile Repair Across Trench (2)	76	Dust Control	99	Typical Construction ROW Cross Section - Co-Located With Utility ROW - TWS Left
6	29B	Woodchip filter berm	53	Energy Dissipater	77	Polyacrylamide (PAM) Soil Binder	100	Typical Construction ROW Cross Section - Conventional Construction With Foreign Pipeline Crossing - ATWS Left & Right
7	30	Surface Roughening	54	Bell Hole Next to Waterbody	78	Side Slope (Two-Tone) Construction procedure	101	Typical Construction ROW Cross Section - Conventional Construction With Foreign Pipeline Crossing - ATWS Left
8	31	Reinforced Sediment Barrier Hook Outlet Structure	55	Bell Hole Next to Wetland	78A	Ridge-Top Construction Procedure	102	Typical Construction ROW Cross Section - Conventional Construction With Overhead Utility Line Crossing - ATWS Left
9	31A	Waterbar Outlet Apron	56	Bell Hole Next to Agricultural Field	79	Sediment Basin Details	103	Typical Construction ROW Cross Section - Conventional Construction With Overhead Utility Line Crossing - ATWS Right
10	32	Turbidity Curtain	57	Bell Hole Next to Public Roadway	80	Sediment Basin Riser Base Detail	104	Typical Construction ROW Cross Section - Conventional Construction With Overhead Utility Line Crossing - ATWS Left & Right
11	33	Well Point / Sump Pit	58	Typical Extra Work Spaces At Waterbody Crossings	81	Optional Sediment Trap Dewatering Devices	105	Typical Construction ROW Cross Section - Co-Located Adjacent To Utility ROW (should include "Left")
12	34	Trench Dewatering	58A	Typical Extra Work Spaces At Wetland Crossings	82	Grass Outlet Sediment Trap	106	Typical Construction ROW Cross Section - Co-Located Within Utility Corridor Right
13	35	Dewatering Structure	59	Right-of-Way Crowning	83A	Sediment Trap Pipe Outlet	107	Typical Construction ROW Cross Section - Co-Located Within Utility Corridor Right - ATWS Right
14	36	Elevated Washrack	60	Parallel / New Submain Tile Installation	83B	Sediment Trap Pipe Outlet Specifications	108	Typical Construction ROW Cross Section - Co-Located With Existing Utility ROW
15A	37	Erosion Control Blanket	61	Lateral Intercept Drain	84A	Sediment Trap Riprap Outlet	109	Typical Construction ROW Cross Section - Co-Located Adjacent to Utility ROW Left - ATWS Left
15B	38	Fence with Temporary Gate	62	Typical Drain Tile Outlet	84B	Sediment Trap Riprap Outlet Specifications	110	Protection Barrier Detail
16	39	Fence Restoration	63	Slope Breaker (Waterbar) Repair (1)	85	Sediment Trap Stone Outlet	111	Buried Log Grade Control - Small Stream
17	40	Filter Bag	64	Slope Breaker (Waterbar) Repair (2)	86	Typical Construction Horizontal Directional Drill (HDD)	112	Small Cross Vane
18	41A	Pump Inlet Screen Structure	65	Slope Breaker (Waterbar) Protection	87	Typical Access Road Cross Section	113	Stone Drop - Small Stream
19	41B	Hydrostatic Dewatering Structure	66	Stream Plantings	88	Typical Construction ROW Cross Section - Conventional Construction	114	Stepped Pool Rock Cross Vane
20	42	Riprap Stream bank Stabilization	67	Branch Packing	89	Typical Construction ROW Cross Section - Across Agricultural Land		
21	43	Pipe Energy Dissipater	68	Brush Layer	90	Typical Construction ROW Cross Section - Across Saturated Wetlands		
22	44	Road Culvert Extension Across Pipeline Trench	69	Brush Mattress	91	Typical Construction ROW Cross Section - Across Non-Saturated Wetlands		