

Impact Table for Individual Permit Application

Applicant: Transcontinental Gas Pipe Line Company, LLC (Transco)

Project Name: Atlantic Sunrise Project (Project) - Lancaster County (11-22-2016)

Impact Number	Plan Sheet	Description of Impact (Fill, road/utility crossing, grading)	Structure Type and Dimensions	Resource Type (stream, wetland, floodway, body of water)	Resource Name*	Chapter 93 Classification, Wetland Classification (EV or Other), or Floodway Type	Wetland (Cowardin Classification)	Stream Type (Intermittent, Perennial)	Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked)	Temporary or Permanent Impact	Impact Dimensions (Length x Width) (Feet) ⁴		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-RS-120006)	WWF, MF	R3	Perennial	None	Temporary	83.68	30.20	N/A	0.0515	39.92482	-76.33121	Dam-and-Pump	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-RS-120006)	WWF, MF	R3	Perennial	None	Permanent	10.85	30.20	N/A	0.0070	39.92482	-76.33121	Dam-and-Pump	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-RS-120006)	FEMA Detailed	N/A	N/A	N/A	Temporary	89.84	22.86	N/A	0.0228	39.92482	-76.33121	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-RS-120006)	FEMA Detailed	N/A	N/A	N/A	Permanent	17.63	10.00	N/A	0.0031	39.92482	-76.33121	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-80013	None	PFO	N/A	N/A	Temporary	12.54	12.25	N/A	0.0019	39.92487	-76.33102	Open Cut	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-RS-80016)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	31.84	7.14	N/A	0.0033	39.92815	-76.33560	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-RS-120005)	WWF, MF	R3	Perennial	None	Temporary	71.25	5.06	N/A	0.0081	39.92907	-76.33921	Dam-and-Pump	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-RS-120005)	WWF, MF	R3	Perennial	None	Permanent	10.15	5.06	N/A	0.0012	39.92907	-76.33921	Dam-and-Pump	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-RS-120005)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	119.08	100.27	N/A	0.2047	39.92907	-76.33921	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-RS-120005)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	109.13	10.00	N/A	0.0234	39.92907	-76.33921	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-1001	None	PEM	N/A	N/A	Temporary	73.62	32.67	N/A	0.0245	39.93626	-76.36524	Open Cut	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-1001	None	PEM	N/A	N/A	Permanent	33.46	10.00	N/A	0.0049	39.93626	-76.36524	Open Cut	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-1003	None	PEM	N/A	N/A	Temporary	80.97	19.07	N/A	0.0122	39.93618	-76.36554	Open Cut	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-1003	None	PEM	N/A	N/A	Permanent	13.27	10.00	N/A	0.0013	39.93618	-76.36554	Open Cut	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-RS-1001)	WWF, MF	R4	Intermittent	None	Temporary	73.50	5.15	N/A	0.0084	39.93619	-76.36550	Dam-and-Pump	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-RS-1001)	WWF, MF	R4	Intermittent	None	Permanent	10.57	5.15	N/A	0.0012	39.93619	-76.36550	Dam-and-Pump	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-RS-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	130.01	100.00	N/A	0.1783	39.93619	-76.36550	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-RS-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	110.69	10.00	N/A	0.0211	39.93619	-76.36550	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-1006	None	PEM	N/A	N/A	Temporary	24.98	8.53	N/A	0.0027	39.94028	-76.37006	N/A	Conestoga	Conestoga
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmer Run (WW-RS-1009)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	68.34	13.73	N/A	0.0147	39.94939	-76.39912	N/A	Manor	Safe Harbor
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmer Run (WW-RS-2007)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	140.02	22.11	N/A	0.0458	40.03773	-76.45990	N/A	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-RS-2008)	WWF, MF	R4	Intermittent	None	Temporary	98.19	5.43	N/A	0.0109	40.03870	-76.46734	Flume	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-RS-2008)	WWF, MF	R4	Intermittent	None	Permanent	10.86	5.43	N/A	0.0012	40.03870	-76.46734	Flume	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-RS-2008)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	157.29	100.00	N/A	0.1158	40.03870	-76.46734	N/A	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-RS-2008)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	134.22	10.00	N/A	0.0139	40.03870	-76.46734	N/A	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-2007	None	PEM	N/A	N/A	Temporary	101.86	75.00	N/A	0.0996	40.03875	-76.46745	Open Cut	West Hempfield	Columbia East

		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-2007	None	PEM	N/A	N/A	Permanent	73.72	10.00	N/A	0.0142	40.03875	-76.46745	<i>Open Cut</i>	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-99020	None	PEM	N/A	N/A	Temporary	22.90	0.91	N/A	0.0002	40.03927	-76.47314	Open-Cut	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Shawnee Run (WW-RS-2002)	WWF, MF	R4	Intermittent	None	Temporary	216.55	5.68	N/A	0.0247	40.04296	-76.47369	<i>Dam-and-Pump</i>	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Shawnee Run (WW-RS-2002)	WWF, MF	R4	Intermittent	None	Permanent	12.40	5.68	N/A	0.0015	40.04296	-76.47369	<i>Dam-and-Pump</i>	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shawnee Run (WW-RS-2002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	382.42	101.94	N/A	0.4737	40.04296	-76.47369	N/A	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shawnee Run (WW-RS-2002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	241.23	10.00	N/A	0.0521	40.04296	-76.47369	N/A	West Hempfield	Columbia East
		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-RS-2001C-2	None	PEM	N/A	N/A	Temporary	24.13	5.24	N/A	0.0015	40.04621	-76.47589	N/A	West Hempfield	Columbia East
Access Roads																			
		Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shells Run (WW-RS-4003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	75.27	12.47	34.75	0.0034	40.20576	-76.52446	N/A	Mount Joy	Elizabethtown
		Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shells Run (WW-RS-4003)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	68.23	18.90	47.76	0.0121	40.20576	-76.52446	N/A	Mount Joy	Elizabethtown
		Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shawnee Run (WW-RS-99200)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	111.14	18.38	75.67	0.0424	40.03963	-76.47455	N/A	West Hempfield	Columbia East
Water Withdrawal Locations																			
		Water Withdrawal	Equipment Access and E&S Controls	Stream	Conestoga River (WW-RS-99105)	WWF, MF	R3	Perennial	None	Temporary	81.51	10.06	N/A	0.0172	39.96269	-76.36478	N/A	Conestoga	Conestoga
		Water Withdrawal	Equipment Access and E&S Controls	Floodway	Floodway to Conestoga River (WW-RS-99105)	FEMA Detailed³	N/A	N/A	N/A	Temporary	433.40	195.16	N/A	0.5178	39.96269	-76.36478	N/A	Conestoga	Conestoga
		Water Withdrawal	Equipment Access and E&S Controls	Stream	Conestoga River (WW-RS-99106)	WWF, MF	R2	Perennial	None	Temporary	107.57	3.32	N/A	0.0010	39.96177	-76.36425	N/A	Conestoga	Conestoga
		Water Withdrawal	Equipment Access and E&S Controls	Stream	Conestoga River (WW-RS-99107)	WWF, MF	R3	Perennial	None	Temporary	71.06	41.23	N/A	0.0189	39.92576	-76.38419	N/A	Conestoga	Safe Harbor
		Water Withdrawal	Equipment Access and E&S Controls	Floodway	Floodway to Conestoga River (WW-RS-99107)	FEMA Detailed	N/A	N/A	N/A	Temporary	466.62	22.88	N/A	0.0175	39.92576	-76.38419	N/A	Conestoga	Safe Harbor

¹ Temporary impacts to PFO wetlands include temporal conversion from forested to scrub-shrub or emergent wetland. All impacts to this wetland are within the temporary construction ROW; therefore, the wetland will be

² Temporary impacts to PFO wetlands include temporal conversion from forested to scrub-shrub or emergent wetland. Within this wetland, a 30-foot-wide corridor centered over the pipeline will be permanently converted

³ Multiple streams are included in these calculations as the floodways overlap.

⁴ Widths are reported as the maximum width for the feature.

⁵ Includes both FEMA Detailed and Assumed 50 Foot buffers.