

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application  
Transcontinental Gas Pipe Line Company, LLC  
Susquehanna County*

**ATTACHMENT E -2  
PA DEP IMPACT TABLE**

*Revised April 2017*

**Impact Table for Individual Permit Application**

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

**Project Name:** Atlantic Sunrise Project (Project) - *SUSQUEHANNA (04-28-2017)*

Revised 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 (EV or Other), or Floodway Type <sup>1</sup>	Wetland (Cowardin Classification)	Stream Type (Intermittent, Perennial)	Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked)	Temporary or Permanent Impact	Waterbody Crossing Method	Impact Dimensions (Length x Width) (Feet) <sup>2</sup>		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Municipality	USGS Quad
1	24-1601-70-09-A/51.35-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Willow Brook (WW-T30-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	70.20	17.25	N/A	0.0358	41.65399	-75.76159	Lenox	Hop Bottom
3	24-1601-70-09-A/51.35-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Willow Brook (WW-T30-21001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	N/A	150.67	90.00	N/A	0.1781	41.65399	-75.76159	Lenox	Hop Bottom
5	24-1601-70-20-A/51.48-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T30-21002	None	PEM	N/A	N/A	Temporary	Open Cut	94.00	53.49	N/A	0.0477	41.65559	-75.76041	Lenox	Hop Bottom
7	24-1601-70-09-A/51.69-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Willow Brook (WW-T12-21004A)	CWF, MF	R4	Intermittent	Wild Trout Waters	Temporary	N/A	103.88	15.30	N/A	0.0106	41.65790	-75.75878	Lenox	Hop Bottom
8	24-1601-70-09-A/51.69-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Willow Brook (WW-T12-21004)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	72.44	37.30	N/A	0.0494	41.65799	-75.75859	Lenox	Hop Bottom
10	24-1601-70-09-A/51.69-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Willow Brook (WW-T12-21004)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Temporary	N/A	232.28	137.80	N/A	0.2969	41.65799	-75.75859	Lenox	Hop Bottom
12	24-1601-70-20-A/52.25-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21001A	None	PEM	N/A	N/A	Temporary	Open Cut	537.84	75.00	N/A	0.6798	41.66172	-75.75035	Lenox	Hop Bottom
14	24-1601-70-09-A/52.37-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Willow Brook (WW-T12-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	76.78	34.75	N/A	0.0607	41.66190	-75.74886	Lenox	Lenoxville
16	24-1601-70-09-A/52.37-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Willow Brook (WW-T12-21001)	FEMA Detailed	N/A	N/A	N/A	Temporary	N/A	80.80	79.85	N/A	0.0193	41.66190	-75.74886	Lenox	Lenoxville
18	24-1601-70-20-A/52.94-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T70-21001A-1 / W-T70-21001A-2	None	PEM	N/A	N/A	Temporary	Open Cut	139.30	69.68	N/A	0.0756	41.66932	<b>-75.74492</b>	Lenox	Lenoxville
20	24-1601-70-20-A/53.30-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	<b>W-T51-21004 / W-T51-21004-1</b>	None	PEM	N/A	N/A	Temporary	Open Cut	<b>127.75</b>	75.00	N/A	0.1454	41.67439	-75.74348	Lenox	Lenoxville
22	24-1601-70-09-A/53.39-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Utle Brook (WW-T50-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	75.63	26.73	N/A	0.0414	41.67527	-75.74235	Lenox	Lenoxville
24	24-1601-70-09-A/53.39-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Utle Brook (WW-T50-21001)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Temporary	N/A	171.80	90.00	N/A	0.1991	41.67527	-75.74235	Lenox	Lenoxville
26	24-1601-70-20-A/53.73-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T64-21001-1	None	PEM	N/A	N/A	Temporary	Open Cut	78.07	75.00	N/A	0.0703	41.67918	-75.73889	Lenox	Lenoxville
28	24-1601-70-09-A/54.11-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Millard Creek (WW-T50-21002)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	73.57	26.87	N/A	0.0492	41.68174	-75.73312	Lenox	Lenoxville
30	24-1601-70-09-A/54.11-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Millard Creek (WW-T50-21002)	FEMA Detailed <sup>3</sup>	N/A	N/A	N/A	Temporary	N/A	144.27	90.00	N/A	0.1442	41.68174	-75.73312	Lenox	Lenoxville
32	24-1601-70-20-A/54.13-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T50-21002	EV	PFO	N/A	N/A	Temporary <sup>4</sup>	Open Cut	14.33	4.89	N/A	0.0008	41.68178	-75.73294	Lenox	Lenoxville
34	24-1601-70-09-A/54.11-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Millard Creek (WW-T50-21003)	CWF, MF	R4	Intermittent	Wild Trout Waters	Temporary	Dam-and-Pump	69.94	7.57	N/A	0.0103	41.68188	-75.73285	Lenox	Lenoxville

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Revised 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 (EV or Other), or Floodway Type <sup>1</sup>	Wetland (Cowardin Classification)	Stream Type (Intermittent, Perennial)	Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked)	Temporary or Permanent Impact	Waterbody Crossing Method	Impact Dimensions (Length x Width) (Feet) <sup>2</sup>		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Municipality	USGS Quad
36	24-1601-70-20-A/54.13-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T50-21003	EV	PFO	N/A	N/A	Temporary <sup>4</sup>	Open Cut	71.70	26.31	N/A	0.0130	41.68193	-75.73286	Lenox	Lenoxville
38	24-1601-70-09-A/54.36-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Millard Creek (WW-T12-21006)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	N/A	168.06	25.00	N/A	0.0583	41.68461	-75.73085	Lenox	Lenoxville
40	24-1601-70-20-A/54.35-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21007A	EV	PEM	N/A	N/A	Temporary	Open Cut	102.80	80.00	N/A	0.1281	41.68499	-75.73081	Lenox	Lenoxville
42	24-1601-70-20-A/55.10-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21008-1	EV	PEM	N/A	N/A	Temporary <sup>4</sup>	Open Cut	76.42	44.38	N/A	0.0347	41.69058	-75.72057	Lenox	Lenoxville
44	24-1601-70-09-A/55.10-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Millard Creek (WW-T12-21007)	CWF, MF	R4	Intermittent	Wild Trout Waters	Temporary	Dam-and-Pump	86.82	5.32	N/A	0.0098	41.69051	-75.72051	Lenox	Lenoxville
46	24-1601-70-09-A/55.10-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Millard Creek (WW-T12-21007)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Temporary	N/A	184.32	107.99	N/A	0.2627	41.69051	-75.72051	Lenox	Lenoxville
48	24-1601-70-09-A/55.10-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Millard Creek (WW-T12-21007A)	CWF, MF	R6	Ephemeral	Wild Trout Waters	Temporary	Dam-and-Pump	52.44	5.04	N/A	0.0062	41.69056	-75.72030	Lenox	Lenoxville
50	24-1601-70-20-A/55.39-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21009A / W-T12-21009A-1 / W-T12-21009A-2	EV	PEM	N/A	N/A	Temporary	Open Cut	452.17	90.65	N/A	0.3125	41.69436	-75.71981	Lenox	Lenoxville
52	24-1601-70-09-A/M-0061-0.00-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T12-21008)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	N/A	208.75	46.46	N/A	0.0521	41.69524	-75.71896	Lenox	Lenoxville
54	24-1601-70-20-A/M-0061-0.03-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21009B	EV	PSS	N/A	N/A	Temporary	Open Cut	105.90	75.00	N/A	0.0992	41.69568	-75.71815	Lenox	Lenoxville
56	24-1601-70-20-A/M-0061-0.03-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21009C	EV	PFO	N/A	N/A	Temporary <sup>4</sup>	Open Cut	400.17	75.00	N/A	0.1547	41.69578	-75.71794	Lenox	Lenoxville
58	24-1601-70-09-A/M-0061-0.09-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Tower Branch (WW-T92-21002)	CWF, MF	R6	Ephemeral	Wild Trout Waters	Temporary	Dam-and-Pump	53.01	15.27	N/A	0.0067	41.69581	-75.71783	Lenox	Lenoxville
60	24-1601-70-09-A/M-0061-0.09-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T92-21002)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Temporary	N/A	123.61	51.67	N/A	0.0847	41.69581	-75.71783	Lenox	Lenoxville
62	24-1601-70-09-A/M-0061-0.09-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Tower Branch (WW-T12-21009A)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	74.70	15.00	N/A	0.0219	41.69599	-75.71742	Lenox	Lenoxville
64	24-1601-70-09-A/M-0061-0.09-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T12-21009A)	FEMA Detailed	N/A	N/A	N/A	Temporary	N/A	95.31	25.73	N/A	0.0079	41.69599	-75.71742	Lenox	Lenoxville
66	24-1601-70-20-A/M-0062-0.17-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21002A	None	PEM	N/A	N/A	Temporary	Open Cut	329.82	75.00	N/A	0.3149	41.70239	-75.71514	Lenox	Lenoxville
68	24-1601-70-20-A/M-0062-0.17-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21002C	None	PFO	N/A	N/A	Temporary <sup>4</sup>	Open Cut	216.85	75.00	N/A	0.0844	41.70278	-75.71496	Lenox	Lenoxville
70	24-1601-70-20-A/56.68-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21001	EV	PEM	N/A	N/A	Temporary	Open Cut	587.18	75.17	N/A	0.2116	41.70966	-75.70737	Lenox	Lenoxville

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72	24-1601-70-09-A/56.76-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T48-21001A)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	N/A	117.63	43.40	N/A	0.0395	41.70986	-75.70735	Lenox	Lenoxville
74	24-1601-70-09-A/56.76-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Tower Branch (WW-T48-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	Dam-and-Pump	68.34	17.96	N/A	<b>0.0342</b>	41.71033	-75.70767	Lenox	Lenoxville
76	24-1601-70-09-A/56.76-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Tower Branch (WW-T48-21001)	FEMA Detailed	N/A	N/A	N/A	Temporary	N/A	173.58	69.12	N/A	0.0301	41.71033	-75.70767	Lenox	Lenoxville
78	24-1601-70-20-A/56.80-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21003	EV	PEM	N/A	N/A	Temporary	Open Cut	126.01	75.00	N/A	0.1005	41.71044	-75.70770	LENOX	Lenoxville
80	24-1601-70-09-A/56.16-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Tower Branch (WW-T17-21001)	CWF, MF	R6	Ephemeral	Wild Trout Waters	Temporary	Dam-and-Pump	83.80	7.38	N/A	0.0116	41.71500	-75.70916	Lenox	Lenoxville
82	24-1601-70-09-A/56.16-02	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T17-21001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	N/A	<b>383.31</b>	<b>172.96</b>	N/A	<b>0.2813</b>	41.71500	-75.70916	Lenox	Lenoxville
84	<b>24-1601-70-09-A/56.16-02</b>	<b>Utility Pipeline Crossing</b>	<b>Equipment Access and E&amp;S Controls</b>	<b>Pond</b>	<b>Unnamed Pond (WB-T87-21001)</b>	<b>CWF, MF</b>	<b>PUB</b>	<b>N/A</b>	<b>N/A</b>	<b>Temporary</b>	<b>N/A</b>	<b>203.14</b>	<b>94.78</b>	<b>N/A</b>	<b>0.3251</b>	<b>41.71579</b>	<b>-75.70880</b>	<b>Lenox</b>	<b>Lenoxville</b>
<b>Access Roads</b>																			
85	24-1601-70-09-A/AR-SU-041-01	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Millard Creek (WW-T65-21001)	Assumed 50 Feet	N/A	N/A	N/A	<b>Temporary<sup>5</sup></b>	N/A	<b>140.00</b>	<b>41.73</b>	<b>216.39</b>	<b>0.0728</b>	<b>41.64487</b>	<b>-75.76466</b>	Lenox	Hop Bottom
<b>Towanda Creek PRM Site</b>																			

<sup>1</sup> CWF = Cold Water Fishery; MF = Migratory Fishes; EV = Exceptional Value

<sup>2</sup> Widths are reported as the maximum width for the feature. Stream lengths are reported on the impact maps as the sum of the permanent and temporary lengths.

<sup>3</sup> Multiple streams are included in these calculations as the floodways overlap.

<sup>4</sup> 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 from forested to scrub-shrub or emergent wetland; the remainder of the wetland will be allowed to fully revert back to PFO.

<sup>5</sup> **The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited to placement of timber matting over the existing culvert on the gravel road surface, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.**