

*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 July 2017

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - SUSQUEHANNA (07-26-2017)

Impact Number	County-Specific Impact Mapping Plan Sheet Number (Attachment H-2)	E&S Plan Sheet Number (Attachment M)	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 ²	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) ²		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Municipality	USGS Quad
1	24-1601-70-09-A/51.35-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	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
2	24-1601-70-09-A/51.35-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Willow Brook (WW-T30-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	10.00	17.25	N/A	0.0040	41.65399	-75.76159	Lenox	Hop Bottom
3	24-1601-70-09-A/51.35-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	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
4	24-1601-70-09-A/51.35-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	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	Permanent	N/A	119.91	10.00	N/A	0.0232	41.65399	-75.76159	Lenox	Hop Bottom
5	24-1601-70-20-A/51.48-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	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
6	24-1601-70-20-A/51.48-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T30-21002	None	PEM	N/A	N/A	Permanent	Open Cut	55.38	10.00	N/A	0.0110	41.65559	-75.76041	Lenox	Hop Bottom
7	24-1601-70-09-A/51.69-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	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	24-1601-70-28-A/1683_3 Sheet 2 of 7	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
9	24-1601-70-09-A/51.69-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Willow Brook (WW-T12-21004)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	10.82	37.30	N/A	0.0085	41.65799	-75.75859	Lenox	Hop Bottom
10	24-1601-70-09-A/51.69-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Willow Brook (WW-T12-21004)	Assumed 50 Feet ³	N/A	N/A	N/A	Temporary	N/A	232.28	137.80	N/A	0.2969	41.65799	-75.75859	Lenox	Hop Bottom
11	24-1601-70-09-A/51.69-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Willow Brook (WW-T12-21004)	Assumed 50 Feet ³	N/A	N/A	N/A	Permanent	N/A	198.21	35.91	N/A	0.0376	41.65799	-75.75859	Lenox	Hop Bottom
12	24-1601-70-20-A/52.25-02	24-1601-70-28-A/1683_3 Sheet 2 and 3 of 7	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
13	24-1601-70-20-A/52.25-02	24-1601-70-28-A/1683_3 Sheet 2 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21001A	None	PEM	N/A	N/A	Permanent	Open Cut	482.57	10.00	N/A	0.1093	41.66172	-75.75035	Lenox	Hop Bottom
14	24-1601-70-09-A/52.37-02	24-1601-70-28-A/1683_3 Sheet 3 of 7	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
15	24-1601-70-09-A/52.37-02	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Willow Brook (WW-T12-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	11.18	34.75	N/A	0.0080	41.66190	-75.74886	Lenox	Lenoxville
16	24-1601-70-09-A/52.37-02	24-1601-70-28-A/1683_3 Sheet 3 of 7	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
17	24-1601-70-09-A/52.37-02	24-1601-70-28-A/1683_3 Sheet 3 of 7	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	Permanent	N/A	69.67	10.00	N/A	0.0041	41.66190	-75.74886	Lenox	Lenoxville
18	24-1601-70-20-A/52.94-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	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	-75.74492	Lenox	Lenoxville
19	24-1601-70-20-A/52.94-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T70-21001A-1 / W-T70-21001A-2	None	PEM	N/A	N/A	Permanent	Open Cut	91.47	10.00	N/A	0.0185	41.66932	-75.74492	Lenox	Lenoxville
20	24-1601-70-20-A/53.30-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T51-21004 / W-T51-21004-1	None	PEM	N/A	N/A	Temporary	Open Cut	127.75	75.00	N/A	0.1454	41.67439	-75.74348	Lenox	Lenoxville
21	24-1601-70-20-A/53.30-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T51-21004	None	PEM	N/A	N/A	Permanent	Open Cut	108.75	10.00	N/A	0.0231	41.67439	-75.74348	Lenox	Lenoxville

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Project Name: Atlantic Sunrise Project (Project) - **SUSQUEHANNA (07-26-2017)**

Impact Number	County-Specific Impact Mapping Plan Sheet Number (Attachment H-2)	E&S Plan Sheet Number (Attachment M)	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 ²	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) ²		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Municipality	USGS Quad
22	24-1601-70-09-A/53.39-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Utley 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
23	24-1601-70-09-A/53.39-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Utley Brook (WW-T50-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	10.05	26.73	N/A	0.0061	41.67527	-75.74235	Lenox	Lenoxville
24	24-1601-70-09-A/53.39-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Utley Brook (WW-T50-21001)	Assumed 50 Feet ³	N/A	N/A	N/A	Temporary	N/A	171.80	90.00	N/A	0.1991	41.67527	-75.74235	Lenox	Lenoxville
25	24-1601-70-09-A/53.39-01	24-1601-70-28-A/1683_3 Sheet 3 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Utley Brook (WW-T50-21001)	Assumed 50 Feet ³	N/A	N/A	N/A	Permanent	N/A	130.55	10.00	N/A	0.0232	41.67527	-75.74235	Lenox	Lenoxville
26	24-1601-70-20-A/53.73-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	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
27	24-1601-70-20-A/53.73-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T64-21001-1	None	PEM	N/A	N/A	Permanent	Open Cut	72.93	10.00	N/A	0.0162	41.67918	-75.73889	Lenox	Lenoxville
28	24-1601-70-09-A/54.11-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	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
29	24-1601-70-09-A/54.11-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Millard Creek (WW-T50-21002)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	10.51	26.87	N/A	0.0062	41.68174	-75.73312	Lenox	Lenoxville
30	24-1601-70-09-A/54.11-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Millard Creek (WW-T50-21002)	FEMA Detailed ³	N/A	N/A	N/A	Temporary	N/A	144.27	90.00	N/A	0.1442	41.68174	-75.73312	Lenox	Lenoxville
31	24-1601-70-09-A/54.11-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Millard Creek (WW-T50-21002)	FEMA Detailed ³	N/A	N/A	N/A	Permanent	N/A	130.12	10.00	N/A	0.0201	41.68174	-75.73312	Lenox	Lenoxville
32	24-1601-70-20-A/54.13-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T50-21002	EV	PFO	N/A	N/A	Temporary ⁴	Open Cut	14.33	4.89	N/A	0.0008	41.68178	-75.73294	Lenox	Lenoxville
33	24-1601-70-20-A/54.13-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T50-21002	EV	PFO	N/A	N/A	Permanent	Open Cut	32.96	16.97	N/A	0.0058	41.68178	-75.73294	Lenox	Lenoxville
34	24-1601-70-09-A/54.11-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	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
35	24-1601-70-09-A/54.11-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Millard Creek (WW-T50-21003)	CWF, MF	R4	Intermittent	Wild Trout Waters	Permanent	Dam-and-Pump	10.82	7.57	N/A	0.0017	41.68188	-75.73285	Lenox	Lenoxville
36	24-1601-70-20-A/54.13-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T50-21003	EV	PFO	N/A	N/A	Temporary ⁴	Open Cut	71.70	26.31	N/A	0.0130	41.68193	-75.73286	Lenox	Lenoxville
37	24-1601-70-20-A/54.13-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T50-21003	EV	PFO	N/A	N/A	Permanent	Open Cut	32.11	9.85	N/A	0.0052	41.68193	-75.73286	Lenox	Lenoxville
38	24-1601-70-09-A/54.36-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	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
39	24-1601-70-09-A/54.36-01	24-1601-70-28-A/1683_3 Sheet 4 of 7	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	Permanent	N/A	60.64	8.27	N/A	0.0074	41.68461	-75.73085	Lenox	Lenoxville
40	24-1601-70-20-A/54.35-02	24-1601-70-28-A/1683_3 Sheet 4 of 7	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
41	24-1601-70-20-A/54.35-02	24-1601-70-28-A/1683_3 Sheet 4 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21007A	EV	PEM	N/A	N/A	Permanent	Open Cut	82.42	10.00	N/A	0.0184	41.68499	-75.73081	Lenox	Lenoxville
42	24-1601-70-20-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21008-1	EV	PEM	N/A	N/A	Temporary ⁴	Open Cut	76.42	44.38	N/A	0.0347	41.69058	-75.72057	Lenox	Lenoxville

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43	24-1601-70-20-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21008-1	EV	PEM	N/A	N/A	Permanent	Open Cut	41.60	10.00	N/A	0.0076	41.69058	-75.72057	Lenox	Lenoxville
44	24-1601-70-09-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
45	24-1601-70-09-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Millard Creek (WW-T12-21007)	CWF, MF	R4	Intermittent	Wild Trout Waters	Permanent	Dam-and-Pump	11.36	5.32	N/A	0.0013	41.69051	-75.72051	Lenox	Lenoxville
46	24-1601-70-09-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Millard Creek (WW-T12-21007)	Assumed 50 Feet ³	N/A	N/A	N/A	Temporary	N/A	184.32	107.99	N/A	0.2627	41.69051	-75.72051	Lenox	Lenoxville
47	24-1601-70-09-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Millard Creek (WW-T12-21007)	Assumed 50 Feet ³	N/A	N/A	N/A	Permanent	N/A	179.80	17.34	N/A	0.0312	41.69051	-75.72051	Lenox	Lenoxville
48	24-1601-70-09-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
49	24-1601-70-09-A/55.10-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Millard Creek (WW-T12-21007A)	CWF, MF	R6	Ephemeral	Wild Trout Waters	Permanent	Dam-and-Pump	10.12	5.04	N/A	0.0012	41.69056	-75.72030	Lenox	Lenoxville
50	24-1601-70-20-A/55.39-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
51	24-1601-70-20-A/55.39-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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	Permanent	Open Cut	232.02	10.00	N/A	0.0492	41.69436	-75.71981	Lenox	Lenoxville
52	24-1601-70-09-A/M-0061-0.00-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
53	24-1601-70-09-A/M-0061-0.00-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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	Permanent	N/A	56.47	8.63	N/A	0.0055	41.69524	-75.71896	Lenox	Lenoxville
54	24-1601-70-20-A/M-0061-0.03-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
55	24-1601-70-20-A/M-0061-0.03-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21009B	EV	PSS	N/A	N/A	Permanent	Open Cut	72.37	10.00	N/A	0.0156	41.69568	-75.71815	Lenox	Lenoxville
56	24-1601-70-20-A/M-0061-0.03-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21009C	EV	PFO	N/A	N/A	Temporary ⁴	Open Cut	400.17	75.00	N/A	0.1547	41.69578	-75.71794	Lenox	Lenoxville
57	24-1601-70-20-A/M-0061-0.03-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T12-21009C	EV	PFO	N/A	N/A	Permanent	Open Cut	338.61	30.00	N/A	0.1023	41.69578	-75.71794	Lenox	Lenoxville
58	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
59	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Tower Branch (WW-T92-21002)	CWF, MF	R6	Ephemeral	Wild Trout Waters	Permanent	Dam-and-Pump	18.46	3.63	N/A	0.0017	41.69581	-75.71783	Lenox	Lenoxville
60	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T92-21002)	Assumed 50 Feet ³	N/A	N/A	N/A	Temporary	N/A	123.61	51.67	N/A	0.0847	41.69581	-75.71783	Lenox	Lenoxville
61	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Tower Branch (WW-T92-21002)	Assumed 50 Feet ³	N/A	N/A	N/A	Permanent	N/A	65.96	10.00	N/A	0.0135	41.69581	-75.71783	Lenox	Lenoxville
62	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
63	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Tower Branch (WW-T12-21009A)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	11.50	15.00	N/A	0.0034	41.69599	-75.71742	Lenox	Lenoxville

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - **SUSQUEHANNA (07-26-2017)**

Impact Number	County-Specific Impact Mapping Plan Sheet Number (Attachment H-2)	E&S Plan Sheet Number (Attachment M)	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 ²	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) ²		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Municipality	USGS Quad
64	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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
65	24-1601-70-09-A/M-0061-0.09-02	24-1601-70-28-A/1683_3 Sheet 5 of 7	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	Permanent	N/A	34.05	10.00	N/A	0.0015	41.69599	-75.71742	Lenox	Lenoxville
66	24-1601-70-20-A/M-0062-0.17-01	24-1601-70-28-A/1683_3 Sheet 6 of 7	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
67	24-1601-70-20-A/M-0062-0.17-01	24-1601-70-28-A/1683_3 Sheet 6 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21002A	None	PEM	N/A	N/A	Permanent	Open Cut	283.49	10.00	N/A	0.0447	41.70239	-75.71514	Lenox	Lenoxville
68	24-1601-70-20-A/M-0062-0.17-01	24-1601-70-28-A/1683_3 Sheet 6 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21002C	None	PFO	N/A	N/A	Temporary ⁴	Open Cut	216.85	75.00	N/A	0.0844	41.70278	-75.71496	Lenox	Lenoxville
69	24-1601-70-20-A/M-0062-0.17-01	24-1601-70-28-A/1683_3 Sheet 6 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21002C	None	PFO	N/A	N/A	Permanent	Open Cut	126.96	30.00	N/A	0.0574	41.70278	-75.71496	Lenox	Lenoxville
70	24-1601-70-20-A/56.68-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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
71	24-1601-70-20-A/56.68-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21001	EV	PEM	N/A	N/A	Permanent	Open Cut	89.43	10.00	N/A	0.0185	41.70966	-75.70737	Lenox	Lenoxville
72	24-1601-70-09-A/56.76-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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
73	24-1601-70-09-A/56.76-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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	Permanent	N/A	25.05	10.00	N/A	0.0044	41.70986	-75.70735	Lenox	Lenoxville
74	24-1601-70-09-A/56.76-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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	0.0342	41.71033	-75.70767	Lenox	Lenoxville
75	24-1601-70-09-A/56.76-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Tower Branch (WW-T48-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	Dam-and-Pump	10.00	17.96	N/A	0.0041	41.71033	-75.70767	Lenox	Lenoxville
76	24-1601-70-09-A/56.76-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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
77	24-1601-70-09-A/56.76-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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	Permanent	N/A	117.81	10.00	N/A	0.0029	41.71033	-75.70767	Lenox	Lenoxville
78	24-1601-70-20-A/56.80-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	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
79	24-1601-70-20-A/56.80-01	24-1601-70-28-A/1683_3 Sheet 7 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T48-21003	EV	PEM	N/A	N/A	Permanent	Open Cut	110.81	10.00	N/A	0.0198	41.71044	-75.70770	LENOX	Lenoxville
80	24-1601-70-09-A/56.16-02	24-1601-70-28-A/1683_3 Sheet 7 of 7	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
81	24-1601-70-09-A/56.16-02	24-1601-70-28-A/1683_3 Sheet 7 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Tower Branch (WW-T17-21001)	CWF, MF	R6	Ephemeral	Wild Trout Waters	Permanent	Dam-and-Pump	10.22	7.38	N/A	0.0017	41.71500	-75.70916	Lenox	Lenoxville
82	24-1601-70-09-A/56.16-02	24-1601-70-28-A/1683_3 Sheet 7 of 7	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	383.31	172.96	N/A	0.2813	41.71500	-75.70916	Lenox	Lenoxville
83	24-1601-70-09-A/56.16-02	24-1601-70-28-A/1683_3 Sheet 7 of 7	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	Permanent	N/A	117.96	13.92	N/A	0.0245	41.71500	-75.70916	Lenox	Lenoxville
84	24-1601-70-09-A/56.16-02	24-1601-70-28-A/1683_3 Sheet 7 of 7	Utility Pipeline Crossing	Equipment Access and E&S Controls	Pond	Unnamed Pond (WB-T87-21001)	CWF, MF	PUB	N/A	N/A	Temporary	N/A	203.14	94.78	N/A	0.3251	41.71579	-75.70880	Lenox	Lenoxville

Access Roads

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - **SUSQUEHANNA (07-26-2017)**

Impact Number	County-Specific Impact Mapping Plan Sheet Number (Attachment H-2)	E&S Plan Sheet Number (Attachment M)	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 ¹	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) ²		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Municipality	USGS Quad
85	24-1601-70-09-A/AR-SU-041-01	24-1601-70-28-A/1683_3-AR-SU-041 Sheets 2, 4, and 5 of 5	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	Temporary ⁵	N/A	140.00	41.73	117.41 ⁶	0.0728	41.64487	-75.76466	Lenox	Hop Bottom
Towanda Creek PRM Site																				
86	Towanda Creek PRM Plan, Sheet 2	Towanda Creek PRM Plan, Sheet 2	Agricultural Crossing	Equipment Access and E&S Controls	Wetland	W-2	Other	PEM	N/A	N/A	Permanent	N/A	16.00	15.00	134.28	41.67127	-76.77215	Leroy	Canton/Leroy	Leroy

¹ CWF = Cold Water Fishery; MF = Migratory Fishes; EV = Exceptional Value

² 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.

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

⁴ 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.

⁵ 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.

⁶ The calculation of fill volumes provided within the Chapter 105 application is based on the extent of the access road LOD within the floodplain/floodway to account for worst-case field scenarios requiring the addition of a one-foot-depth of gravel for maintenance and/or minor access road widening for improved access. As such, the fill volume is an overestimation and does not reflect the actual fill required by the current access road design, as presented within the Chapter 102 permit. The inclusion of the overestimated fill volumes within the Chapter 105 Application limits future revisions to the Chapter 105 Application due to minor field adjustments; conversely, revisions to the access road design after the 102 permit issuance will be coordinated with the PADEP/CCD.