

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application  
Transcontinental Gas Pipe Line Company, LLC  
Northumberland 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) - **NORTHUMBERLAND (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	Wetland (Cowardin Classification) <sup>2</sup>	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) <sup>3</sup>		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
							Classification, Wetland Classification(EV or Other), or Floodway Type <sup>1</sup>													
1	24-1600-70-09-A/83.39-02	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Mahanoy Creek (WW-T44-10002C)	WWF, MF	R3	Perennial	None	Temporary	84.83	5.88	N/A	0.0031	40.73968	-76.49578	Flume	East Cameron	Tremont
2	24-1600-70-09-A/83.39-02	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Mahanoy Creek (WW-T44-10002C)	WWF, MF	R3	Perennial	None	Permanent	13.38	5.88	N/A	0.0012	40.73968	-76.49578	Flume	East Cameron	Tremont
3	24-1600-70-09-A/83.39-02	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Mahanoy Creek (WW-T01-10001)	WWF, MF	R3	Perennial	None	Temporary	91.15	95.32	N/A	0.1990	40.73981	-76.49594	Flume	East Cameron	Tremont
4	24-1600-70-09-A/83.39-02	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Mahanoy Creek (WW-T01-10001)	WWF, MF	R3	Perennial	None	Permanent	10.16	95.32	N/A	0.0219	40.73981	-76.49594	Flume	East Cameron	Tremont
5	24-1600-70-09-A/83.39-02	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Mahanoy Creek (WW-T01-10001)	FEMA Detailed <sup>4</sup>	N/A	N/A	N/A	Temporary	418.65	149.99	N/A	0.6936	40.73981	-76.49594	N/A	East Cameron	Tremont
6	24-1600-70-09-A/83.39-02	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Mahanoy Creek (WW-T01-10001)	FEMA Detailed <sup>4</sup>	N/A	N/A	N/A	Permanent	369.99	10.00	N/A	0.0613	40.73981	-76.49594	N/A	East Cameron	Tremont
7	24-1600-70-20-A/83.42-01	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T18-10001	None	PEM	N/A	N/A	Temporary	84.69	31.61	N/A	0.0418	40.74036	-76.49615	Open Cut	East Cameron	Tremont
8	24-1600-70-20-A/83.42-01	24-1600-70-28-A/LL113-9 Sheet 1 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T18-10001	None	PEM	N/A	N/A	Permanent	31.15	10.00	N/A	0.0064	40.74036	-76.49615	Open Cut	East Cameron	Tremont
9	24-1600-70-09-A/85.45-02	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Shamokin Creek (WW-T04-10002)	WWF, MF	R4	Intermittent	None	Temporary	114.24	31.28	N/A	0.0346	40.76852	-76.50568	Dam-and-Pump	Coal	Shamokin
10	24-1600-70-09-A/85.45-02	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Shamokin Creek (WW-T04-10002)	WWF, MF	R4	Intermittent	None	Permanent	18.68	31.28	N/A	0.0068	40.76852	-76.50568	Dam-and-Pump	Coal	Shamokin
11	24-1600-70-09-A/85.45-02	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shamokin Creek (WW-T04-10002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	207.62	112.45	N/A	0.2820	40.76852	-76.50565	N/A	Coal	Shamokin
12	24-1600-70-09-A/85.45-02	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shamokin Creek (WW-T04-10002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	162.22	10.00	N/A	0.0281	40.76852	-76.50565	N/A	Coal	Shamokin
13	24-1600-70-09-A/M-0240-0.20-01	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Shamokin Creek (WW-T04-10001)	WWF, MF	R3	Perennial	None	Temporary	106.66	61.64	N/A	0.1233	40.77539	-76.50755	Dam-and-Pump	Coal	Shamokin
14	24-1600-70-09-A/M-0240-0.20-01	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Shamokin Creek (WW-T04-10001)	WWF, MF	R3	Perennial	None	Permanent	12.34	61.64	N/A	0.0142	40.77539	-76.50755	Dam-and-Pump	Coal	Shamokin
15	24-1600-70-09-A/M-0240-0.20-01	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shamokin Creek (WW-T04-10001)	FEMA Detailed	N/A	N/A	N/A	Temporary	351.49	134.70	N/A	0.4351	40.77539	-76.50755	N/A	Coal	Shamokin
16	24-1600-70-09-A/M-0240-0.20-01	24-1600-70-28-A/LL113_9 Sheet 3 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shamokin Creek (WW-T04-10001)	FEMA Detailed	N/A	N/A	N/A	Permanent	242.04	41.43	N/A	0.0429	40.77539	-76.50755	N/A	Coal	Shamokin
17	24-1600-70-09-A/86.59-02	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Quaker Run (WW-T18-10002)	CWF, MF	R3	Perennial	None	Temporary	84.87	24.70	N/A	0.0533	40.78460	-76.50903	Flume	Coal	Shamokin
18	24-1600-70-09-A/86.59-02	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Quaker Run (WW-T18-10002)	CWF, MF	R3	Perennial	None	Permanent	10.02	24.70	N/A	0.0057	40.78460	-76.50903	Flume	Coal	Shamokin
19	24-1600-70-09-A/86.59-02	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Quaker Run (WW-T18-10002)	FEMA Detailed	N/A	N/A	N/A	Temporary	257.89	150.00	N/A	0.4718	40.78460	-76.50903	N/A	Coal	Shamokin

**Impact Table for Individual Permit Application**

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**Project Name:** Atlantic Sunrise Project (Project) -NORTHUMBERLAND (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	Wetland (Cowardin Classification) <sup>2</sup>	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) <sup>3</sup>		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
							Classification, Wetland Classification(EV or Other), or Floodway Type <sup>1</sup>													
20	24-1600-70-09-A/86.59-02	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Quaker Run (WW-T18-10002)	FEMA Detailed	N/A	N/A	N/A	Permanent	207.14	16.49	N/A	0.0415	40.78460	-76.50903	N/A	Coal	Shamokin
21	24-1600-70-09-A/M-0372-0.11-01	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Quaker Run (WW-T68-11001B)	CWF, MF	R6	Ephemeral	None	Temporary	70.46	4.13	N/A	0.0059	40.78872	-76.51102	Flume	Coal	Shamokin
22	24-1600-70-09-A/M-0372-0.11-01	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Quaker Run (WW-T68-11001B)	CWF, MF	R6	Ephemeral	None	Permanent	10.01	4.13	N/A	0.0009	40.78872	-76.51102	Flume	Coal	Shamokin
23	24-1600-70-09-A/M-0372-0.11-01	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Quaker Run (WW-T68-11001)	CWF, MF	R4	Intermittent	None	Temporary	89.00	4.70	N/A	0.0096	40.78897	-76.51107	Dam-and-Pump	Coal	Shamokin
24	24-1600-70-09-A/M-0372-0.11-01	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Quaker Run (WW-T68-11001)	CWF, MF	R4	Intermittent	None	Permanent	10.35	4.70	N/A	0.0011	40.78897	-76.51107	Dam-and-Pump	Coal	Shamokin
25	24-1600-70-09-A/M-0372-0.11-01	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Quaker Run (WW-T68-11001)	Assumed 50 Feet <sup>4</sup>	N/A	N/A	N/A	Temporary	240.01	107.94	N/A	0.3983	40.78897	-76.51107	N/A	Coal	Shamokin
26	24-1600-70-09-A/M-0372-0.11-01	24-1600-70-28-A/LL113_9 Sheet 4 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Quaker Run (WW-T68-11001)	Assumed 50 Feet <sup>4</sup>	N/A	N/A	N/A	Permanent	223.14	20.71	N/A	0.0487	40.78897	-76.51107	N/A	Coal	Shamokin
27	24-1600-70-09-A/M-0235-1.14-01	24-1600-70-28-A/LL113_9 Sheet 5 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Coal Run (WW-T58-11001)	CWF, MF	R4	Intermittent	None	Temporary	83.90	15.80	N/A	0.0282	40.80126	-76.51016	Dam-and-Pump	Coal	Shamokin
28	24-1600-70-09-A/M-0235-1.14-01	24-1600-70-28-A/LL113_9 Sheet 5 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Coal Run (WW-T58-11001)	CWF, MF	R4	Intermittent	None	Permanent	10.23	15.80	N/A	0.0036	40.80126	-76.51016	Dam-and-Pump	Coal	Shamokin
29	24-1600-70-09-A/M-0235-1.14-01	24-1600-70-28-A/LL113_9 Sheet 5 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Coal Run (WW-T58-11001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	207.12	124.47	N/A	0.2333	40.80126	-76.51016	N/A	Coal	Shamokin
30	24-1600-70-09-A/M-0235-1.14-01	24-1600-70-28-A/LL113_9 Sheet 5 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Coal Run (WW-T58-11001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	125.99	22.70	N/A	0.0250	40.80126	-76.51016	N/A	Coal	Shamokin
31	24-1600-70-20-A/88.81-02	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T44-11001C	EV	PFO	N/A	N/A	Temporary <sup>5</sup>	196.67	64.93	N/A	0.0824	40.81675	-76.50796	Open Cut	Coal	Shamokin
32	24-1600-70-20-A/88.81-02	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T44-11001C	EV	PFO	N/A	N/A	Permanent	168.33	30.00	N/A	0.0623	40.81675	-76.50796	Open Cut	Coal	Shamokin
33	24-1600-70-09-A/88.95-02	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to South Branch Roaring Creek (WW-T44-11002)	HQ-CWF, MF	R3	Perennial	Approved Trout Waters, Wild Trout Waters	Temporary	65.92	9.69	N/A	0.0078	40.81773	-76.50795	N/A	Coal	Shamokin
34	24-1600-70-09-A/88.95-02	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to South Branch Roaring Creek (WW-T44-11002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	277.06	88.16	N/A	0.2920	40.81773	-76.50795	N/A	Coal	Shamokin
35	24-1600-70-09-A/88.95-02	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to South Branch Roaring Creek (WW-T44-11002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	127.17	10.00	N/A	0.0268	40.81773	-76.50795	N/A	Coal	Shamokin
36	24-1600-70-20-A/89.08-01	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T44-11001A / W-T44-11001A-2	EV	PEM	N/A	N/A	Temporary	119.55	25.83	N/A	0.0370	40.82038	-76.50758	Open Cut	Coal	Shamokin
37	24-1600-70-20-A/89.08-01	24-1600-70-28-A/LL113_9 Sheet 6 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T44-11001A-2	EV	PEM	N/A	N/A	Permanent	23.42	10.00	N/A	0.0046	40.82038	-76.50758	Open Cut	Coal	Shamokin
38	24-1600-70-09-A/91.74-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	South Branch Roaring Creek (WW-T47-11002)	HQ-CWF, MF	R3	Perennial	Class A Wild Trout Waters	Temporary	92.89	55.43	N/A	0.0899	40.84945	-76.50313	Dam-and-Pump	Ralpho	Shamokin

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39	24-1600-70-09-A/91.74-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	South Branch Roaring Creek (WW-T47-11002)	HQ-CWF, MF	R3	Perennial	Class A Wild Trout Waters	Permanent	10.31	55.43	N/A	0.0125	40.84945	-76.50313	Dam-and-Pump	Ralpho	Shamokin
40	24-1600-70-20-A/91.77-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T49-11001	EV	PEM	N/A	N/A	Temporary	61.21	9.02	N/A	0.0059	40.84956	-76.50304	Open Cut	Ralpho	Shamokin
41	24-1600-70-20-A/91.77-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T49-11001	EV	PEM	N/A	N/A	Permanent	10.26	4.76	N/A	0.0010	40.84956	-76.50304	Open Cut	Ralpho	Shamokin
42	24-1600-70-09-A/M-0437-0.03-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to South Branch Roaring Creek (WW-T44-11001C)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	129.27	28.57	N/A	0.0537	40.85439	-76.49951	N/A	Ralpho	Mount Carmel
43	24-1600-70-09-A/M-0437-0.03-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to South Branch Roaring Creek (WW-T44-11001A)	HQ-CWF, MF	R4	Intermittent	Class A Wild Trout Waters	Temporary	118.78	6.99	N/A	0.0109	40.85466	-76.49893	Dam-and-Pump	Ralpho	Mount Carmel
44	24-1600-70-09-A/M-0437-0.03-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to South Branch Roaring Creek (WW-T44-11001A)	HQ-CWF, MF	R4	Intermittent	Class A Wild Trout Waters	Permanent	10.04	6.99	N/A	0.0016	40.85466	-76.49893	Dam-and-Pump	Ralpho	Mount Carmel
45	24-1600-70-20-A/M-0437-0.05-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T49-11003	EV	PEM	N/A	N/A	Temporary	95.51	45.63	N/A	0.0275	40.85474	-76.49872	Open Cut	Ralpho	Mount Carmel
46	24-1600-70-20-A/M-0437-0.05-01	24-1600-70-28-A/LL113_9 Sheet 9 of 9	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T49-11003	EV	PEM	N/A	N/A	Permanent	33.04	10.00	N/A	0.0044	40.85474	-76.49872	Open Cut	Ralpho	Mount Carmel
<b>Access Roads</b>																				
47	24-1600-70-09-A/AR-NO-075-01	24-1600-70-28-A/LL113_9-AR-NO-075 Sheets 1, 14, & 21 of 27	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Mahanoy Creek (WW-T44-10002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>6</sup>	110.65	18.50	71.41 <sup>11</sup>	0.0443	40.73755	-76.49620	N/A	East Cameron	Tremont
48	24-1600-70-09-A/AR-NO-075-01	24-1600-70-28-A/LL113_9-AR-NO-075 Sheets 2, 15, & 22 of 27	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Mahanoy Creek (WW-T44-10003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>6</sup>	443.86	31.11	257.81 <sup>11</sup>	0.1598	40.73917	-76.48814	N/A	East Cameron	Tremont
49	24-1600-70-09-A/AR-NO-075-01	24-1600-70-28-A/LL113_9-AR-NO-075 Sheets 4, 15, & 22 of 27	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Mahanoy Creek (WW-T44-10004)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>6</sup>	309.00	26.64	193.63 <sup>11</sup>	0.1200	40.73996	-76.48364	N/A	East Cameron	Tremont
50	24-1600-70-09-A/AR-NO-075-01	24-1600-70-28-A/LL113_9-AR-NO-075 Sheets 6, 7, 16, 17, 23, & 24 of 27	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Mahanoy Creek (WW-T01-10001)	FEMA Detailed	N/A	N/A	N/A	Temporary <sup>6</sup>	709.82	73.40	476.67 <sup>11</sup>	0.2955	40.74156	-76.47665	N/A	East Cameron	Tremont
51	24-1600-70-09-A/AR-NO-076.1-01	24-1600-70-28-A/LL113_9-AR-NO-076.1 Sheets 3, 9, & 13 of 15	Road Crossing	Equipment Access and E&S Controls	Stream	UNT to Shamokin Creek (WW-T68-10001)	WWF, MF	N/A	Ephemeral	None	Temporary	3.49	4.89	0.74 <sup>11</sup>	0.0004	40.76725	-76.49854	N/A	Coal	Mount Carmel
52	24-1600-70-09-A/AR-NO-076.1-01	24-1600-70-28-A/LL113_9-AR-NO-076.1 Sheets 3, 9, & 13 of 15	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shamokin Creek (WW-T68-10001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>7</sup>	124.91	29.11	88.93 <sup>11</sup>	0.0546	40.76725	-76.49854	N/A	Coal	Mount Carmel
53	24-1600-70-09-A/AR-NO-076.1-01	24-1600-70-28-A/LL113_9-AR-NO-076.1 Sheets 4, 9, & 13 of 15	Road Crossing	Equipment Access and E&S Controls	Stream	UNT to Shamokin Creek (WW-T68-10002)	WWF, MF	R6	Ephemeral	None	Temporary	40.10	11.91	7.41 <sup>11</sup>	0.0046	40.76720	-76.49507	N/A	Coal	Mount Carmel
54	24-1600-70-09-A/AR-NO-076.1-01	24-1600-70-28-A/LL113_9-AR-NO-076.1 Sheets 4, 9, & 13 of 15	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shamokin Creek (WW-T68-10002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>7</sup>	209.90	86.94	202.96 <sup>11</sup>	0.1212	40.76720	-76.49507	N/A	Coal	Mount Carmel
55	24-1600-70-20-A/AR-NO-076.1-01	24-1600-70-28-A/LL113_9-AR-NO-076.1 Sheets 5, 10, & 14 of 15	Road Crossing	Equipment Access and E&S Controls	Wetland	W-T68-10001	None	PEM	N/A	N/A	Temporary	19.35	14.32	6.78 <sup>11</sup>	0.0042	40.76874	-76.49043	N/A	Coal	Mount Carmel
56	24-1600-70-09-A/AR-NO-078.1-01	24-1600-70-28-A/LL113_9-AR-NO-078.1 Sheets 1 through 8 of 8	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shamokin Creek (WW-T04-10001)	FEMA Detailed	N/A	N/A	N/A	Temporary <sup>8</sup>	3037.32	488.02	1017.81 <sup>11</sup>	0.6308	40.77554	-76.50967	N/A	Coal	Shamokin
57	24-1600-70-09-A/AR-NO-082-1-01	24-1600-70-28-A/LL113_9-AR-NO-082 Sheets 5, 8, & 11 of 11	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Coal Run (WW-T58-11001A)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>9</sup>	327.94	34.85	180.63 <sup>11</sup>	0.1120	40.79823	-76.51561	N/A	Coal	Shamokin

**Impact Table for Individual Permit Application**

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

**Project Name:** Atlantic Sunrise Project (Project) -*NORTHUMBERLAND (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	Wetland (Cowardin Classification) <sup>2</sup>	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) <sup>3</sup>		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
							Classification, Wetland Classification(EV or Other), or Floodway Type <sup>1</sup>													
58	24-1600-70-09-A/AR-NO-082-1-01	24-1600-70-28-A/LL113_9-AR-NO-082.1 Sheets 4, 6, & 8 of 8	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Coal Run (WW-T58-11001A)	Assumed 50 Feet	N/A	N/A	N/A	Temporary <sup>10</sup>	730.57	92.55	561.93 <sup>11</sup>	0.4575	40.79823	-76.51561	N/A	Coal	Shamokin

<sup>1</sup> CWF = Cold Water Fishery; MF = Migratory Fishes; EV = Exceptional Value; TSF = Trout Stocking Fishery; WWF = Warm Water Fishery; HQ = High Quality

<sup>2</sup> PFO = Palustrine Forested; PSS = Palustrine Scrub-Shrub; PEM = Palustrine Emergent; R3 = Perennial Stream; R4 = Intermittent Stream; R6 = Ephemeral Stream

<sup>3</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>4</sup> Multiple streams are included in these calculations as the floodways overlap.

<sup>5</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>6</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 installation of rock matting on the existing gravel surface, installation of compost filter sock, and placement of timber matting over existing culverts, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway. The rock matting detail is shown on the Access Road Erosion & Sediment Control and Layout Plans in Attachment M.

<sup>7</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 bridge equipment crossings over the existing streams, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

<sup>8</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 vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

<sup>9</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 vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

<sup>10</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.

<sup>11</sup> *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.*