

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application
Transcontinental Gas Pipe Line Company, LLC
Lancaster 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) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
1	24-1600-70-09-A/0.24-01	24-1600-70-28-A/LL113_9 Sheet 1 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Fishing Creek (WW-T10-001)	HQ-CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	82.60	24.45	N/A	0.0353	39.83912	-76.25591	Flume	Drumore	Holtwood
2	24-1600-70-09-A/0.24-01	24-1600-70-28-A/LL113_9 Sheet 1 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Fishing Creek (WW-T10-001)	HQ-CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	10.30	24.45	N/A	0.0056	39.83912	-76.25591	Flume	Drumore	Holtwood
3	24-1600-70-09-A/0.24-01	24-1600-70-28-A/LL113_9 Sheet 1 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Fishing Creek (WW-T10-001)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	168.21	102.68	N/A	0.2420	39.83912	-76.25591	N/A	Drumore	Holtwood
4	24-1600-70-09-A/0.24-01	24-1600-70-28-A/LL113_9 Sheet 1 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Fishing Creek (WW-T10-001)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	144.21	10.00	N/A	0.0255	39.83912	-76.25591	N/A	Drumore	Holtwood
5	24-1600-70-09-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Muddy Run (WW-T10-003)	TSF, MF	R3	Perennial	Approved Trout Waters	Temporary	104.05	43.25	N/A	0.0625	39.85550	-76.26253	Dam-and-Pump	Drumore	Holtwood
6	24-1600-70-09-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Muddy Run (WW-T10-003)	TSF, MF	R3	Perennial	Approved Trout Waters	Permanent	12.80	43.25	N/A	0.0099	39.85550	-76.26253	Dam-and-Pump	Drumore	Holtwood
7	24-1600-70-09-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Muddy Run / UNT to Muddy Run (WW-T10-003)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	288.42	92.53	N/A	0.1511	39.85550	-76.26253	N/A	Drumore	Holtwood
8	24-1600-70-09-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Muddy Run / UNT to Muddy Run (WW-T10-003)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	186.34	10.00	N/A	0.0170	39.85550	-76.26253	N/A	Drumore	Holtwood
9	24-1600-70-09-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Muddy Run (WW-T10-003A)	TSF, MF	R6	Ephemeral	Approved Trout Waters	Temporary	47.68	11.46	N/A	0.0136	39.85557	-76.26258	Dam-and-Pump	Drumore	Holtwood
10	24-1600-70-09-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Muddy Run (WW-T10-003A)	TSF, MF	R6	Ephemeral	Approved Trout Waters	Permanent	10.35	11.46	N/A	0.0026	39.85557	-76.26258	Dam-and-Pump	Drumore	Holtwood
11	24-1600-70-20-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-003C	EV	PFO	N/A	N/A	Temporary ⁵	147.63	75.00	N/A	0.0464	39.85558	-76.26270	Open Cut	Drumore	Holtwood
12	24-1600-70-20-A/M-0147-0.58-01	24-1600-70-28-A/LL113_9 Sheet 2 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-003C	EV	PFO	N/A	N/A	Permanent	128.78	30.00	N/A	0.0458	39.85558	-76.26270	Open Cut	Drumore	Holtwood
13	24-1600-70-09-A/M-0324-0.20-01	24-1600-70-28-A/LL113_9 Sheet 3 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Muddy Run (WW-T61-001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	76.06	14.04	N/A	0.0159	39.86218	-76.27387	N/A	Martic	Holtwood
14	24-1600-70-09-A/M-0184-0.85-01	24-1600-70-28-A/LL113_9 Sheet 4 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Tucquan Creek (WW-T10-004)	HQ-CWF, MF	R3	Perennial	Wild Trout Waters	Temporary	65.96	4.99	N/A	0.0106	39.88144	-76.27503	Dam-and-Pump	Martic	Conestoga
15	24-1600-70-09-A/M-0184-0.85-01	24-1600-70-28-A/LL113_9 Sheet 4 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Tucquan Creek (WW-T10-004)	HQ-CWF, MF	R3	Perennial	Wild Trout Waters	Permanent	10.01	4.99	N/A	0.0011	39.88144	-76.27503	Dam-and-Pump	Martic	Conestoga
16	24-1600-70-09-A/M-0184-0.85-01	24-1600-70-28-A/LL113_9 Sheet 4 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Tucquan Creek (WW-T10-004)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	116.11	111.00	N/A	0.1630	39.88144	-76.27503	N/A	Martic	Conestoga
17	24-1600-70-09-A/M-0184-0.85-01	24-1600-70-28-A/LL113_9 Sheet 4 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Tucquan Creek (WW-T10-004)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	107.42	17.03	N/A	0.0234	39.88144	-76.27503	N/A	Martic	Conestoga
18	24-1600-70-20-A/M-0354-0.00-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T62-001A	EV	PEM	N/A	N/A	Temporary	3.87	0.88	N/A	<0.0001	39.89275	-76.29153	Open Cut	Martic	Conestoga
19	24-1600-70-09-A/5.34-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Trout Run (WW-T62-001)	HQ-CWF, MF	N/A	Intermittent	Class A Wild Trout	Temporary	66.19	15.38	N/A	0.0224	39.89267	-76.29137	Dam-and-Pump	Martic	Conestoga
20	24-1600-70-09-A/5.34-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Trout Run (WW-T62-001)	HQ-CWF, MF	N/A	Intermittent	Class A Wild Trout	Permanent	10.00	15.38	N/A	0.0035	39.89267	-76.29137	Dam-and-Pump	Martic	Conestoga
21	24-1600-70-09-A/5.34-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Trout Run (WW-T62-001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	136.75	100.00	N/A	0.1090	39.89267	-76.29137	N/A	Martic	Conestoga

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
22	24-1600-70-09-A/5.34-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Trout Run (WW-T62-001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	121.16	10.00	N/A	0.0126	39.89267	-76.29137	N/A	Martic	Conestoga
23	24-1600-70-20-A/M-0354-0.00-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T62-001C	EV	PFO	N/A	N/A	Temporary ⁶	75.47	75.00	N/A	0.0399	39.89276	-76.29138	Open Cut	Martic	Conestoga
24	24-1600-70-20-A/M-0354-0.00-01	24-1600-70-28-A/LL113_9 Sheet 5 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T62-001C	EV	PFO	N/A	N/A	Permanent	68.86	30.00	N/A	0.0429	39.89276	-76.29138	Open Cut	Martic	Conestoga
25	24-1600-70-20-A/7.10-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-101C	None	PFO	N/A	N/A	Temporary ⁶	186.43	90.00	N/A	0.1651	39.91189	-76.30856	Open Cut	Martic	Conestoga
26	24-1600-70-20-A/7.10-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-101C	None	PFO	N/A	N/A	Permanent	188.82	40.01	N/A	0.1578	39.91189	-76.30856	Open Cut	Martic	Conestoga
27	24-1600-70-20-A/7.10-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-101A	None	PEM	N/A	N/A	Temporary	214.53	86.18	N/A	0.1117	39.91224	-76.30853	Open Cut	Martic	Conestoga
28	24-1600-70-20-A/7.10-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-101A	None	PEM	N/A	N/A	Permanent	61.12	10.00	N/A	0.0127	39.91224	-76.30853	Open Cut	Martic	Conestoga
29	24-1600-70-09-A/7.15-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Climbers Run (WW-T10-100)	CWF, MF	R3	Perennial	None	Temporary	88.07	12.13	N/A	0.0206	39.91245	-76.30849	Dam-and-Pump	Martic	Conestoga
30	24-1600-70-09-A/7.15-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Climbers Run (WW-T10-100)	CWF, MF	R3	Perennial	None	Permanent	11.56	12.13	N/A	0.0030	39.91245	-76.30849	Dam-and-Pump	Martic	Conestoga
31	24-1600-70-09-A/7.15-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Climbers Run (WW-T10-100)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	185.06	89.99	N/A	0.1818	39.91245	-76.30849	N/A	Martic	Conestoga
32	24-1600-70-09-A/7.15-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Climbers Run (WW-T10-100)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	101.94	10.00	N/A	0.0191	39.91245	-76.30849	N/A	Martic	Conestoga
33	24-1600-70-09-A/7.47-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Climbers Run (WW-T20-002)	CWF, MF	R3	Perennial	None	Temporary	83.58	24.86	N/A	0.0458	39.91624	-76.31068	Dam-and-Pump	Martic	Conestoga
34	24-1600-70-09-A/7.47-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Climbers Run (WW-T20-002)	CWF, MF	R3	Perennial	None	Permanent	10.55	24.86	N/A	0.0057	39.91624	-76.31068	Dam-and-Pump	Martic	Conestoga
35	24-1600-70-09-A/7.47-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Climbers Run (WW-T20-002)	FEMA Detailed ⁴	N/A	N/A	N/A	Temporary	1403.96	302.38	N/A	3.6354	39.91624	-76.31068	N/A	Martic	Conestoga
36	24-1600-70-09-A/7.47-01	24-1600-70-28-A/LL113_9 Sheet 7 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Climbers Run (WW-T20-002)	FEMA Detailed ⁴	N/A	N/A	N/A	Permanent	1280.78	194.35	N/A	0.3279	39.91624	-76.31068	N/A	Martic	Conestoga
37	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T31-002A)	WWF, MF	R3	Ephemeral	None	Temporary	103.90	5.78	N/A	0.0119	39.91946	-76.31694	Dam-and-Pump	Martic	Conestoga
38	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T31-002A)	WWF, MF	R3	Ephemeral	None	Permanent	11.59	5.78	N/A	0.0013	39.91946	-76.31694	Dam-and-Pump	Martic	Conestoga
39	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T31-002)	WWF, MF	R3	Perennial	None	Temporary	83.55	19.87	N/A	0.0328	39.91953	-76.31701	Dam-and-Pump	Martic	Conestoga
40	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T31-002)	WWF, MF	R3	Perennial	None	Permanent	10.59	19.87	N/A	0.0047	39.91953	-76.31701	Dam-and-Pump	Martic	Conestoga
41	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T31-002)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	367.44	134.85	N/A	0.2814	39.91953	-76.31701	N/A	Martic	Conestoga
42	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T31-002)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	148.60	10.00	N/A	0.0228	39.91953	-76.31701	N/A	Martic	Conestoga

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
43	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-001)	WWF, MF	N/A	Perennial	None	Temporary	101.77	11.00	N/A	0.0264	39.92028	-76.31868	Dam-and-Pump	Martic	Conestoga
44	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-001)	WWF, MF	N/A	Perennial	None	Permanent	10.01	11.00	N/A	0.0025	39.92028	-76.31868	Dam-and-Pump	Martic	Conestoga
45	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Pequea Creek (WW-T31-003)	WWF, MF	R3	Perennial	None	Temporary	91.78	104.03	N/A	0.2059	39.92076	-76.31997	Dam-and-Pump	Martic	Conestoga
46	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Pequea Creek (WW-T31-003)	WWF, MF	R3	Perennial	None	Permanent	10.19	104.03	N/A	0.0238	39.92076	-76.31997	Dam-and-Pump	Martic	Conestoga
47	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Pequea Creek (WW-T31-003)	FEMA Detailed	N/A	N/A	N/A	Temporary	1129.03	447.20	N/A	2.9622	39.92076	-76.31997	N/A	Martic	Conestoga
48	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9 Sheet 8 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Pequea Creek (WW-T31-003)	FEMA Detailed	N/A	N/A	N/A	Permanent	1050.68	255.34	N/A	0.2143	39.92076	-76.31997	N/A	Martic	Conestoga
49	24-1600-70-09-A/M-0405-0.43-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T81-1001)	WWF, MF	R6	Ephemeral	None	Temporary	35.63	6.70	N/A	0.0043	39.92315	-76.33004	Dam-and-Pump	Conestoga	Conestoga
50	24-1600-70-09-A/M-0405-0.58-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T81-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	144.38	109.43	N/A	0.1893	39.92315	-76.33004	N/A	Conestoga	Conestoga
51	24-1600-70-09-A/M-0405-0.58-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T81-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	99.06	10.00	N/A	0.0218	39.92315	-76.33004	N/A	Conestoga	Conestoga
52	24-1600-70-09-A/M-0405-0.57-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T81-001)	WWF, MF	R3	Perennial	None	Temporary	80.66	24.96	N/A	0.0508	39.92484	-76.33119	Dam-and-Pump	Conestoga	Conestoga
53	24-1600-70-09-A/M-0405-0.57-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T81-001)	WWF, MF	R3	Perennial	None	Permanent	10.94	24.96	N/A	0.0058	39.92484	-76.33119	Dam-and-Pump	Conestoga	Conestoga
54	24-1600-70-09-A/M-0405-0.57-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T81-001)	FEMA Detailed	N/A	N/A	N/A	Temporary	87.69	33.45	N/A	0.0139	39.92484	-76.33119	N/A	Conestoga	Conestoga
55	24-1600-70-09-A/M-0405-0.57-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T81-001)	FEMA Detailed	N/A	N/A	N/A	Permanent	14.79	10.00	N/A	0.0028	39.92484	-76.33119	N/A	Conestoga	Conestoga
56	24-1600-70-09-A/M-0405-0.58-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T81-001	None	PEM	N/A	N/A	Temporary	64.55	25.82	N/A	0.0228	39.92510	-76.33125	Open Cut	Conestoga	Conestoga
57	24-1600-70-09-A/M-0405-0.58-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T81-001	None	PEM	N/A	N/A	Permanent	21.40	10.00	N/A	0.0044	39.92510	-76.33125	Open Cut	Conestoga	Conestoga
58	24-1600-70-09-A/M-0405-0.91-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T87-001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	90.47	24.51	N/A	0.0264	39.92819	-76.33562	N/A	Conestoga	Conestoga
59	24-1600-70-20-A/M-0405-1.13-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T87-1001	None	PSS	N/A	N/A	Temporary	20.64	3.94	N/A	0.0009	39.92913	-76.33910	N/A	Conestoga	Conestoga
60	24-1600-70-09-A/M-0405-1.13-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-1005)	WWF, MF	R4	Intermittent	None	Temporary	71.24	13.92	N/A	0.0177	39.92907	-76.33922	Dam-and-Pump	Conestoga	Conestoga
61	24-1600-70-09-A/M-0405-1.13-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-1005)	WWF, MF	R4	Intermittent	None	Permanent	10.43	13.92	N/A	0.0032	39.92907	-76.33922	Dam-and-Pump	Conestoga	Conestoga
62	24-1600-70-09-A/M-0405-1.13-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T65-1005)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	150.78	109.40	N/A	0.2054	39.92907	-76.33922	N/A	Conestoga	Conestoga
63	24-1600-70-09-A/M-0405-1.13-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T65-1005)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	115.71	10.00	N/A	0.0232	39.92907	-76.33922	N/A	Conestoga	Conestoga

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
64	24-1600-70-09-A/M-0405-1.45-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T25-1001)	WWF, MF	N/A	Intermittent	None	Temporary	72.43	5.12	N/A	0.0083	39.93053	-76.34426	Dam-and-Pump	Conestoga	Conestoga
65	24-1600-70-09-A/M-0405-1.45-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T25-1001)	WWF, MF	N/A	Intermittent	None	Permanent	10.28	5.12	N/A	0.0012	39.93053	-76.34426	Dam-and-Pump	Conestoga	Conestoga
66	24-1600-70-09-A/M-0405-1.45-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T25-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	138.96	118.06	N/A	0.2091	39.93053	-76.34426	N/A	Conestoga	Conestoga
67	24-1600-70-09-A/M-0405-1.45-01	24-1600-70-28-A/LL113_9 Sheet 9 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T25-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	113.88	10.00	N/A	0.0239	39.93053	-76.34426	N/A	Conestoga	Conestoga
68	24-1600-70-09-A/M-0417-0.06-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-1002)	WWF, MF	N/A	Ephemeral	None	Temporary	97.08	32.31	N/A	0.0583	39.93013	-76.34808	Dam-and-Pump	Conestoga	Conestoga
69	24-1600-70-09-A/M-0417-0.06-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-1002)	WWF, MF	N/A	Ephemeral	None	Permanent	12.33	32.31	N/A	0.0074	39.93013	-76.34808	Dam-and-Pump	Conestoga	Conestoga
70	24-1600-70-09-A/M-0417-0.06-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T65-1002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	194.11	100.00	N/A	0.2372	39.93013	-76.34808	N/A	Conestoga	Conestoga
71	24-1600-70-09-A/M-0417-0.06-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T65-1002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	156.52	10.00	N/A	0.0273	39.93013	-76.34808	N/A	Conestoga	Conestoga
72	24-1600-70-09-A/10.11-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T10-1003)	WWF, MF	R3	Perennial	None	Temporary	85.99	5.11	N/A	0.0098	39.93031	-76.35103	Dam-and-Pump	Conestoga	Conestoga
73	24-1600-70-09-A/10.11-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T10-1003)	WWF, MF	R3	Perennial	None	Permanent	10.26	5.11	N/A	0.0012	39.93031	-76.35103	Dam-and-Pump	Conestoga	Conestoga
74	24-1600-70-09-A/10.11-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T10-1003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	138.48	100.00	N/A	0.2146	39.93031	-76.35103	N/A	Conestoga	Conestoga
75	24-1600-70-09-A/10.11-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T10-1003)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	110.02	10.00	N/A	0.0236	39.93031	-76.35103	N/A	Conestoga	Conestoga
76	24-1600-70-09-A/10.88-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T35-1002)	WWF, MF	R3	Perennial	None	Temporary	90.44	35.44	N/A	0.0373	39.93644	-76.36094	Dam-and-Pump	Conestoga	Conestoga
77	24-1600-70-09-A/10.88-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T35-1002)	WWF, MF	R3	Perennial	None	Permanent	39.03	35.44	N/A	0.0080	39.93644	-76.36094	Dam-and-Pump	Conestoga	Conestoga
78	24-1600-70-09-A/10.88-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T35-1002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	366.63	122.66	N/A	0.2697	39.93644	-76.36094	N/A	Conestoga	Conestoga
79	24-1600-70-09-A/10.88-01	24-1600-70-28-A/LL113_9 Sheet 10 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T35-1002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	171.18	10.00	N/A	0.0297	39.93644	-76.36094	N/A	Conestoga	Conestoga
80	24-1600-70-09-A/11.00-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T35-1002A)	WWF, MF	R3	Perennial	None	Temporary	60.21	11.12	N/A	0.0098	39.93639	-76.36317	Conventional Bore	Conestoga	Conestoga
81	24-1600-70-09-A/11.00-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T35-1002A)	WWF, MF	R3	Perennial	None	Permanent	10.88	11.12	N/A	0.0024	39.93639	-76.36317	Conventional Bore	Conestoga	Conestoga
82	24-1600-70-09-A/11.00-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T35-1002A)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	199.27	55.00	N/A	0.0982	39.93639	-76.36317	N/A	Conestoga	Conestoga

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
83	24-1600-70-09-A/11.00-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T35-1002A)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	156.27	10.00	N/A	0.0214	39.93639	-76.36317	N/A	Conestoga	Conestoga
84	24-1600-70-20-A/11.00-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T35-1001	None	PEM	N/A	N/A	Temporary	77.93	55.00	N/A	0.0509	39.93642	-76.36305	Open Cut	Conestoga	Conestoga
85	24-1600-70-20-A/11.00-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T35-1001	None	PEM	N/A	N/A	Permanent	49.87	10.00	N/A	0.0105	39.93642	-76.36305	Open Cut	Conestoga	Conestoga
86	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T86-1001)	WWF, MF	R4	Intermittent	None	Temporary	71.76	6.88	N/A	0.0095	39.93632	-76.36545	Dam-and-Pump	Conestoga	Conestoga
87	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T86-1001)	WWF, MF	R4	Intermittent	None	Permanent	11.01	6.88	N/A	0.0016	39.93632	-76.36545	Dam-and-Pump	Conestoga	Conestoga
88	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T86-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	131.10	100.00	N/A	0.1781	39.93632	-76.36545	N/A	Conestoga	Conestoga
89	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T86-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	114.31	10.00	N/A	0.0223	39.93632	-76.36545	N/A	Conestoga	Conestoga
90	24-1600-70-09-A/11.11-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T86-1001	None	PEM	N/A	N/A	Temporary	80.49	19.86	N/A	0.0160	39.93620	-76.36550	Open Cut	Conestoga	Conestoga
91	24-1600-70-09-A/11.11-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T86-1001	None	PEM	N/A	N/A	Permanent	17.78	10.00	N/A	0.0019	39.93620	-76.36550	Open Cut	Conestoga	Conestoga
92	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T84-1001)	WWF, MF	R3	Perennial	None	Temporary	8.43	1.95	N/A	0.0002	39.93620	-76.36621	N/A	Conestoga	Conestoga
93	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T84-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	113.72	62.15	N/A	0.1031	39.93620	-76.36621	N/A	Conestoga	Conestoga
94	24-1600-70-09-A/11.13-01	24-1600-70-28-A/LL113_9 Sheet 11 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T84-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	96.45	18.91	N/A	0.0223	39.93620	-76.36621	N/A	Conestoga	Conestoga
95	24-1600-70-09-A/12.13-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T85-1002)	WWF, MF	R4	Intermittent	None	Temporary	43.11	4.30	N/A	0.0038	39.94289	-76.37870	HDD	Conestoga	Safe Harbor
96	24-1600-70-09-A/12.13-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T85-1002)	WWF, MF	R4	Intermittent	None	Permanent	10.77	4.30	N/A	0.0010	39.94289	-76.37870	HDD	Conestoga	Safe Harbor
97	24-1600-70-09-A/12.13-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T85-1002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	123.94	50.00	N/A	0.0977	39.94289	-76.37870	N/A	Conestoga	Safe Harbor
98	24-1600-70-09-A/12.13-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T85-1002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	115.72	10.00	N/A	0.0247	39.94289	-76.37870	N/A	Conestoga	Safe Harbor
99	24-1600-70-09-A/12.32-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Conestoga River (WW-T20-1001)	WWF, MF	R3	Perennial	None	Temporary	40.04	174.02	N/A	0.1613	39.94399	-76.38196	HDD	Manor	Safe Harbor
100	24-1600-70-09-A/12.32-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Conestoga River (WW-T20-1001)	WWF, MF	R3	Perennial	None	Permanent	10.01	174.02	N/A	0.0400	39.94399	-76.38196	HDD	Manor	Safe Harbor
101	24-1600-70-09-A/12.32-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Conestoga River (WW-T20-1001)	FEMA Detailed	N/A	N/A	N/A	Temporary	414.54	50.00	N/A	0.2137	39.94399	-76.38196	N/A	Manor	Safe Harbor
102	24-1600-70-09-A/12.32-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Conestoga River (WW-T20-1001)	FEMA Detailed	N/A	N/A	N/A	Permanent	412.11	10.00	N/A	0.0543	39.94399	-76.38196	N/A	Manor	Safe Harbor
103	24-1600-70-09-A/12.40-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T36-1001A)	WWF, MF	R3	Perennial	None	Temporary	47.45	45.69	N/A	0.0437	39.94444	-76.38330	HDD	Manor	Safe Harbor

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
104	24-1600-70-09-A/12.40-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T36-1001A)	WWF, MF	R3	Perennial	None	Permanent	12.03	45.69	N/A	0.0105	39.94444	-76.38330	HDD	Manor	Safe Harbor
105	24-1600-70-09-A/12.40-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T36-1001A)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	356.35	50.00	N/A	0.1167	39.94444	-76.38330	N/A	Manor	Safe Harbor
106	24-1600-70-09-A/12.40-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Conestoga River (WW-T36-1001A)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	146.09	10.00	N/A	0.0213	39.94444	-76.38330	N/A	Manor	Safe Harbor
107	24-1600-70-09-A/M-0248-0.13-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T42-1005)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	46.61	5.63	N/A	0.0040	39.94889	-76.39599	N/A	Manor	Safe Harbor
108	24-1600-70-09-A/M-0248-0.16-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmer Run (WW-T49-1001)	WWF, MF	N/A	Perennial	None	Temporary	94.86	5.01	N/A	0.0109	39.94813	-76.39660	Flume	Manor	Safe Harbor
109	24-1600-70-09-A/M-0248-0.16-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmer Run (WW-T49-1001)	WWF, MF	N/A	Perennial	None	Permanent	10.02	5.01	N/A	0.0012	39.94813	-76.39660	Flume	Manor	Safe Harbor
110	24-1600-70-09-A/M-0248-0.16-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmer Run (WW-T49-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	134.46	100.00	N/A	0.2173	39.94813	-76.39660	N/A	Manor	Safe Harbor
111	24-1600-70-09-A/M-0248-0.16-01	24-1600-70-28-A/LL113_9 Sheet 12 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmer Run (WW-T49-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	106.76	10.00	N/A	0.0231	39.94813	-76.39660	N/A	Manor	Safe Harbor
112	24-1600-70-09-A/M-0248-0.33-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T36-1002A)	WWF, MF	R3	Perennial	None	Temporary	84.64	11.53	N/A	0.0338	39.94926	-76.39939	Dam-and-Pump	Manor	Safe Harbor
113	24-1600-70-09-A/M-0248-0.33-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T36-1002A)	WWF, MF	R3	Perennial	None	Permanent	10.44	11.53	N/A	0.0026	39.94926	-76.39939	Dam-and-Pump	Manor	Safe Harbor
114	24-1600-70-09-A/M-0248-0.33-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T36-1002A)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	151.44	100.00	N/A	0.2161	39.94926	-76.39939	N/A	Manor	Safe Harbor
115	24-1600-70-09-A/M-0248-0.33-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T36-1002A)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	134.09	10.00	N/A	0.0272	39.94926	-76.39939	N/A	Manor	Safe Harbor
116	24-1600-70-20-A/M-0434-0.05-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1002	None	PEM	N/A	N/A	Temporary	91.48	23.68	N/A	0.0296	39.95156	-76.40374	Open Cut	Manor	Safe Harbor
117	24-1600-70-20-A/M-0434-0.05-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1002	None	PEM	N/A	N/A	Permanent	20.15	10.00	N/A	0.0037	39.95156	-76.40374	Open Cut	Manor	Safe Harbor
118	24-1600-70-09-A/M-0434-0.10-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T92-1002)	WWF, MF	R6	Ephemeral	None	Temporary	19.39	9.16	N/A	0.0033	39.95196	-76.40444	N/A	Manor	Safe Harbor
119	24-1600-70-09-A/M-0434-0.10-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T92-1002)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	224.26	79.31	N/A	0.2297	39.95196	-76.40444	N/A	Manor	Safe Harbor
120	24-1600-70-09-A/M-0434-0.10-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T92-1002)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	83.35	10.00	N/A	0.0165	39.95196	-76.40444	N/A	Manor	Safe Harbor
121	24-1600-70-09-A/M-0434-0.16-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T36-1004)	WWF, MF	R3	Perennial	None	Temporary	81.77	18.53	N/A	0.0442	39.95226	-76.40550	Dam-and-Pump	Manor	Safe Harbor
122	24-1600-70-09-A/M-0434-0.16-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T36-1004)	WWF, MF	R3	Perennial	None	Permanent	10.00	18.53	N/A	0.0043	39.95226	-76.40550	Dam-and-Pump	Manor	Safe Harbor
123	24-1600-70-09-A/M-0434-0.16-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T36-1004)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	178.68	119.08	N/A	0.2312	39.95226	-76.40550	N/A	Manor	Safe Harbor
124	24-1600-70-09-A/M-0434-0.16-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T36-1004)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	129.35	10.00	N/A	0.0249	39.95226	-76.40550	N/A	Manor	Safe Harbor

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
125	24-1600-70-09-A/13.80-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmer Run (WW-T92-1003)	WWF, MF	N/A	Ephemeral	None	Temporary	85.65	21.48	N/A	0.0389	39.95288	-76.40712	Dam-and-Pump	Manor	Safe Harbor
126	24-1600-70-09-A/13.80-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmer Run (WW-T92-1003)	WWF, MF	N/A	Ephemeral	None	Permanent	10.51	21.48	N/A	0.0049	39.95288	-76.40712	Dam-and-Pump	Manor	Safe Harbor
127	24-1600-70-09-A/13.80-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmer Run (WW-T92-1003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	170.91	100.12	N/A	0.2181	39.95288	-76.40712	N/A	Manor	Safe Harbor
128	24-1600-70-09-A/13.80-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmer Run (WW-T92-1003)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	136.57	10.00	N/A	0.0255	39.95288	-76.40712	N/A	Manor	Safe Harbor
129	24-1600-70-09-A/13.88-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T36-1006)	WWF, MF	R4	Intermittent	None	Temporary	81.15	36.73	N/A	0.0603	39.95355	-76.40845	Dam-and-Pump	Manor	Safe Harbor
130	24-1600-70-09-A/13.88-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T36-1006)	WWF, MF	R4	Intermittent	None	Permanent	10.11	36.73	N/A	0.0084	39.95355	-76.40845	Dam-and-Pump	Manor	Safe Harbor
131	24-1600-70-09-A/13.88-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T36-1006)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	162.28	100.00	N/A	0.2272	39.95355	-76.40845	N/A	Manor	Safe Harbor
132	24-1600-70-09-A/13.88-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run (WW-T36-1006)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	156.02	10.00	N/A	0.0265	39.95355	-76.40845	N/A	Manor	Safe Harbor
133	24-1600-70-20-A/M-0206-0.06-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1004 / W-T36-1004-1 / W-T36-1004-2	None	PEM	N/A	N/A	Temporary	258.58	31.76	N/A	0.1049	39.95635	-76.41463	Open Cut	Manor	Safe Harbor
134	24-1600-70-20-A/M-0206-0.06-01	24-1600-70-28-A/LL113_9 Sheet 13 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1004	None	PEM	N/A	N/A	Permanent	35.01	10.00	N/A	0.0067	39.95635	-76.41463	Open Cut	Manor	Safe Harbor
135	24-1600-70-20-A/M-0188-0.22-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1005	None	PEM	N/A	N/A	Temporary	111.62	67.03	N/A	0.1124	39.95727	-76.41778	Open Cut	Manor	Safe Harbor
136	24-1600-70-20-A/M-0188-0.22-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1005	None	PEM	N/A	N/A	Permanent	103.50	10.00	N/A	0.0231	39.95727	-76.41778	Open Cut	Manor	Safe Harbor
137	24-1600-70-09-A/14.64-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Indian Run (WW-T36-1007)	WWF, MF	R3	Perennial	None	Temporary	92.82	23.36	N/A	0.0500	39.95996	-76.41894	Dam-and-Pump	Manor	Safe Harbor
138	24-1600-70-09-A/14.64-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Indian Run (WW-T36-1007)	WWF, MF	R3	Perennial	None	Permanent	11.19	23.36	N/A	0.0054	39.95996	-76.41894	Dam-and-Pump	Manor	Safe Harbor
139	24-1600-70-09-A/14.64-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Indian Run (WW-T36-1007)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	194.50	100.00	N/A	0.2493	39.95996	-76.41894	N/A	Manor	Safe Harbor
140	24-1600-70-09-A/14.64-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Indian Run (WW-T36-1007)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	145.72	10.00	N/A	0.0266	39.95996	-76.41894	N/A	Manor	Safe Harbor
141	24-1600-70-09-A/15.33-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Indian Run (WW-T20-1005)	WWF, MF	R3	Perennial	None	Temporary	114.96	26.93	N/A	0.0627	39.96712	-76.42772	Dam-and-Pump	Manor	Safe Harbor
142	24-1600-70-09-A/15.33-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Indian Run (WW-T20-1005)	WWF, MF	R3	Perennial	None	Permanent	10.50	26.93	N/A	0.0062	39.96712	-76.42772	Dam-and-Pump	Manor	Safe Harbor
143	24-1600-70-09-A/15.33-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Indian Run (WW-T20-1005)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	198.57	100.00	N/A	0.2792	39.96712	-76.42772	N/A	Manor	Safe Harbor
144	24-1600-70-09-A/15.33-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Indian Run (WW-T20-1005)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	176.05	10.00	N/A	0.0332	39.96712	-76.42772	N/A	Manor	Safe Harbor
145	24-1600-70-09-A/15.41-01	24-1600-70-28-A/LL113_9 Sheet 14 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Indian Run (WW-T53-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	100.14	26.99	N/A	0.0416	39.96813	-76.42843	N/A	Manor	Safe Harbor

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
146	24-1600-70-09-A/17.01-01	24-1600-70-28-A/LL113_9 Sheet 15 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Witmers Run (WW-T24-1001)	WWF, MF	R3	Perennial	None	Temporary	89.30	8.90	N/A	0.0206	39.98618	-76.44503	Dam-and-Pump	Manor	Safe Harbor
147	24-1600-70-09-A/17.01-01	24-1600-70-28-A/LL113_9 Sheet 16 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Witmers Run (WW-T24-1001)	WWF, MF	R3	Perennial	None	Permanent	10.26	8.90	N/A	0.0021	39.98618	-76.44503	Dam-and-Pump	Manor	Safe Harbor
148	24-1600-70-09-A/17.01-01	24-1600-70-28-A/LL113_9 Sheet 16 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Witmers Run (WW-T24-1001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	140.31	100.00	N/A	0.2222	39.98618	-76.44503	N/A	Manor	Safe Harbor
149	24-1600-70-09-A/17.01-01	24-1600-70-28-A/LL113_9 Sheet 16 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Witmers Run (WW-T24-1001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	111.44	10.00	N/A	0.0232	39.98618	-76.44503	N/A	Manor	Safe Harbor
150	24-1600-70-09-A/18.10-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Stamans Run (WW-T11-2001)	WWF, MF	R3	Perennial	None	Temporary	83.34	25.72	N/A	0.0504	40.00033	-76.45297	Dam-and-Pump	Manor	Columbia East
151	24-1600-70-09-A/18.10-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Stamans Run (WW-T11-2001)	WWF, MF	R3	Perennial	None	Permanent	10.42	25.72	N/A	0.0059	40.00033	-76.45297	Dam-and-Pump	Manor	Columbia East
152	24-1600-70-09-A/18.10-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Stamans Run (WW-T11-2001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	169.12	100.00	N/A	0.2147	40.00033	-76.45297	N/A	Manor	Columbia East
153	24-1600-70-09-A/18.10-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Stamans Run (WW-T11-2001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	139.62	10.00	N/A	0.0251	40.00033	-76.45297	N/A	Manor	Columbia East
154	24-1600-70-09-A/18.85-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Stamans Run (WW-T11-2002)	WWF, MF	R3	Perennial	None	Temporary	94.36	11.68	N/A	0.0201	40.01029	-76.45831	Dam-and-Pump	Manor	Columbia East
155	24-1600-70-09-A/18.85-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Stamans Run (WW-T11-2002)	WWF, MF	R3	Perennial	None	Permanent	13.17	11.68	N/A	0.0026	40.01029	-76.45831	Dam-and-Pump	Manor	Columbia East
156	24-1600-70-09-A/18.85-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Stamans Run (WW-T11-2002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	174.42	100.00	N/A	0.2489	40.01029	-76.45831	N/A	Manor	Columbia East
157	24-1600-70-09-A/18.85-01	24-1600-70-28-A/LL113_9 Sheet 17 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Stamans Run (WW-T11-2002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	143.66	10.00	N/A	0.0290	40.01029	-76.45831	N/A	Manor	Columbia East
158	24-1600-70-20-A/M-0389-0.11-01	24-1600-70-28-A/LL113_9 Sheet 18 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2004	None	PFO	N/A	N/A	Temporary ⁵	13.88	5.01	N/A	0.0014	40.02545	-76.45895	Conventional Bore	West Hempfield	Columbia East
159	24-1600-70-20-A/M-0389-0.11-01	24-1600-70-28-A/LL113_9 Sheet 18 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2004	None	PFO	N/A	N/A	Permanent	41.64	11.86	N/A	0.0080	40.02545	-76.45895	Conventional Bore	West Hempfield	Columbia East
160	24-1600-70-09-A/M-0389-0.14-01	24-1600-70-28-A/LL113_9 Sheet 18 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Strickler Run (WW-T24-2001)	WWF, MF	R3	Perennial	None	Temporary	82.01	42.87	N/A	0.0814	40.02600	-76.45894	Dam-and-Pump	West Hempfield	Columbia East
161	24-1600-70-09-A/M-0389-0.14-01	24-1600-70-28-A/LL113_9 Sheet 18 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Strickler Run (WW-T24-2001)	WWF, MF	R3	Perennial	None	Permanent	10.46	42.87	N/A	0.0098	40.02600	-76.45894	Dam-and-Pump	West Hempfield	Columbia East
162	24-1600-70-09-A/M-0389-0.14-01	24-1600-70-28-A/LL113_9 Sheet 18 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Strickler Run (WW-T24-2001)	FEMA Detailed	N/A	N/A	N/A	Temporary	227.63	157.35	N/A	0.3174	40.02600	-76.45894	N/A	West Hempfield	Columbia East
163	24-1600-70-09-A/M-0389-0.14-01	24-1600-70-28-A/LL113_9 Sheet 18 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Strickler Run (WW-T24-2001)	FEMA Detailed	N/A	N/A	N/A	Permanent	150.71	10.00	N/A	0.0244	40.02600	-76.45894	N/A	West Hempfield	Columbia East
164	24-1600-70-09-A/20.81-01	24-1600-70-28-A/LL113_9 Sheet 19 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T10-2005)	WWF, MF	R3	Perennial	None	Temporary	40.11	12.61	N/A	0.0116	40.03692	-76.46132	Conventional Bore	West Hempfield	Columbia East
165	24-1600-70-09-A/20.81-01	24-1600-70-28-A/LL113_9 Sheet 19 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T10-2005)	WWF, MF	R3	Perennial	None	Permanent	10.00	12.61	N/A	0.0029	40.03692	-76.46132	Conventional Bore	West Hempfield	Columbia East
166	24-1600-70-09-A/20.81-01	24-1600-70-28-A/LL113_9 Sheet 19 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-T10-2005)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	506.90	128.59	N/A	0.1375	40.03692	-76.46132	N/A	West Hempfield	Columbia East

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
167	24-1600-70-09-A/20.81-01	24-1600-70-28-A/LL113_9 Sheet 19 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-T10-2005)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	112.82	10.00	N/A	0.0230	40.03692	-76.46132	N/A	West Hempfield	Columbia East
168	24-1600-70-09-A/M-0396-0.17-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T81-2001)	WWF, MF	R3	Perennial	None	Temporary	93.30	4.92	N/A	0.0101	40.03870	-76.46734	Flume	West Hempfield	Columbia East
169	24-1600-70-09-A/M-0396-0.17-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T81-2001)	WWF, MF	R3	Perennial	None	Permanent	11.74	4.92	N/A	0.0011	40.03870	-76.46734	Flume	West Hempfield	Columbia East
170	24-1600-70-09-A/M-0396-0.17-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-T81-2001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	160.32	100.00	N/A	0.2066	40.03870	-76.46734	N/A	West Hempfield	Columbia East
171	24-1600-70-09-A/M-0396-0.17-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-T81-2001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	138.43	10.00	N/A	0.0291	40.03870	-76.46734	N/A	West Hempfield	Columbia East
172	24-1600-70-09-A/21.77-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Shawnee Run (WW-T81-2003)	WWF, MF	R3	Perennial	None	Temporary	72.51	6.72	N/A	0.0137	40.04290	-76.47382	Flume	West Hempfield	Columbia East
173	24-1600-70-09-A/21.77-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Shawnee Run (WW-T81-2003)	WWF, MF	R3	Perennial	None	Permanent	10.22	6.72	N/A	0.0015	40.04290	-76.47382	Flume	West Hempfield	Columbia East
174	24-1600-70-09-A/21.77-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shawnee Run (WW-T81-2003)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	181.47	100.00	N/A	0.2008	40.04290	-76.47382	N/A	West Hempfield	Columbia East
175	24-1600-70-09-A/21.77-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shawnee Run (WW-T81-2003)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	110.81	10.00	N/A	0.0196	40.04290	-76.47382	N/A	West Hempfield	Columbia East
176	24-1600-70-20-A/21.77-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T81-2001	None	PEM	N/A	N/A	Temporary	70.06	20.00	N/A	0.0242	40.04301	-76.47381	Open Cut	West Hempfield	Columbia East
177	24-1600-70-20-A/21.77-01	24-1600-70-28-A/LL113_9 Sheet 20 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T81-2001	None	PEM	N/A	N/A	Permanent	31.44	7.15	N/A	0.0039	40.04301	-76.47381	Open Cut	West Hempfield	Columbia East
178	24-1600-70-09-A/22.37-01	24-1600-70-28-A/LL113_9 Sheet 21 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Shawnee Run (WW-T10-2004)	WWF, MF	R3	Perennial	None	Temporary	96.44	24.02	N/A	0.0453	40.04890	-76.48104	Dam-and-Pump	West Hempfield	Columbia East
179	24-1600-70-09-A/22.37-01	24-1600-70-28-A/LL113_9 Sheet 21 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Shawnee Run (WW-T10-2004)	WWF, MF	R3	Perennial	None	Permanent	10.61	24.02	N/A	0.0055	40.04890	-76.48104	Dam-and-Pump	West Hempfield	Columbia East
180	24-1600-70-09-A/22.37-01	24-1600-70-28-A/LL113_9 Sheet 21 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shawnee Run (WW-T10-2004)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	177.14	100.00	N/A	0.2294	40.04890	-76.48104	N/A	West Hempfield	Columbia East
181	24-1600-70-09-A/22.37-01	24-1600-70-28-A/LL113_9 Sheet 21 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shawnee Run (WW-T10-2004)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	146.62	10.00	N/A	0.0265	40.04890	-76.48104	N/A	West Hempfield	Columbia East
182	24-1600-70-09-A/23.02-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek (WW-T10-2002)	WWF, MF	R3	Perennial	None	Temporary	86.20	21.07	N/A	0.0464	40.05457	-76.48927	Dam-and-Pump	West Hempfield	Columbia East
183	24-1600-70-09-A/23.02-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek (WW-T10-2002)	WWF, MF	R3	Perennial	None	Permanent	11.68	21.07	N/A	0.0048	40.05457	-76.48927	Dam-and-Pump	West Hempfield	Columbia East
184	24-1600-70-09-A/23.02-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Chiques Creek (WW-T10-2002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	170.14	100.00	N/A	0.2139	40.05457	-76.48927	N/A	West Hempfield	Columbia East
185	24-1600-70-09-A/23.02-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Chiques Creek (WW-T10-2002)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	130.12	10.00	N/A	0.0244	40.05457	-76.48927	N/A	West Hempfield	Columbia East
186	24-1600-70-09-A/M-0209-0.30-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek (WW-T49-2001)	WWF, MF	N/A	Ephemeral	None	Temporary	70.33	15.39	N/A	0.0210	40.05878	-76.49356	Dam-and-Pump	West Hempfield	Columbia East
187	24-1600-70-09-A/M-0209-0.30-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek (WW-T49-2001)	WWF, MF	N/A	Ephemeral	None	Permanent	10.54	15.39	N/A	0.0035	40.05878	-76.49356	Dam-and-Pump	West Hempfield	Columbia East

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
188	24-1600-70-09-A/M-0209-0.30-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Chiques Creek (WW-T49-2001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	541.03	75.00	N/A	0.1696	40.05878	-76.49356	N/A	West Hempfield	Columbia East
189	24-1600-70-09-A/M-0209-0.30-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Chiques Creek (WW-T49-2001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	135.17	10.00	N/A	0.0264	40.05878	-76.49356	N/A	West Hempfield	Columbia East
190	24-1600-70-09-A/23.90-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Chiques Creek (WW-T42-2003)	WWF, MF	R3	Perennial	None	Temporary	81.59	70.53	N/A	0.1429	40.06610	-76.49043	Dam-and-Pump	West Hempfield	Columbia East
191	24-1600-70-09-A/23.90-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Chiques Creek (WW-T42-2003)	WWF, MF	R3	Perennial	None	Permanent	10.10	70.53	N/A	0.0162	40.06610	-76.49043	Dam-and-Pump	West Hempfield	Columbia East
192	24-1600-70-09-A/23.90-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Chiques Creek (WW-T42-2003)	FEMA Detailed	N/A	N/A	N/A	Temporary	666.13	175.00	N/A	1.6298	40.06610	-76.49043	N/A	West Hempfield	Columbia East
193	24-1600-70-09-A/23.90-01	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Chiques Creek (WW-T42-2003)	FEMA Detailed	N/A	N/A	N/A	Permanent	641.02	10.00	N/A	0.1301	40.06610	-76.49043	N/A	West Hempfield	Columbia East
194	24-1600-70-09-A/30.13-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3003)	TSF, MF	R3	Perennial	None	Temporary	83.97	10.63	N/A	0.0262	40.14099	-76.46777	Dam-and-Pump	Rapho	Manheim
195	24-1600-70-09-A/30.13-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3003)	TSF, MF	R3	Perennial	None	Permanent	10.62	10.63	N/A	0.0026	40.14099	-76.46777	Dam-and-Pump	Rapho	Manheim
196	24-1600-70-09-A/30.13-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	152.03	100.00	N/A	0.2128	40.14099	-76.46777	N/A	Rapho	Manheim
197	24-1600-70-09-A/30.13-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3003)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	123.87	10.00	N/A	0.0248	40.14099	-76.46777	N/A	Rapho	Manheim
198	24-1600-70-09-A/M-0308-0.06-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Back Run (WW-T31-3004)	TSF, MF	R3	Perennial	None	Temporary	76.59	14.91	N/A	0.0246	40.14477	-76.46731	Dam-and-Pump	Rapho	Manheim
199	24-1600-70-09-A/M-0308-0.06-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Back Run (WW-T31-3004)	TSF, MF	R3	Perennial	None	Permanent	10.97	14.91	N/A	0.0034	40.14477	-76.46731	Dam-and-Pump	Rapho	Manheim
200	24-1600-70-09-A/M-0308-0.06-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Back Run (WW-T31-3004)	FEMA Detailed	N/A	N/A	N/A	Temporary	197.34	100.00	N/A	0.0908	40.14477	-76.46731	N/A	Rapho	Manheim
201	24-1600-70-09-A/M-0308-0.06-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Back Run (WW-T31-3004)	FEMA Detailed	N/A	N/A	N/A	Permanent	178.84	10.00	N/A	0.0115	40.14477	-76.46731	N/A	Rapho	Manheim
202	24-1600-70-20-A/M-0308-0.07-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3003	None	PEM	N/A	N/A	Temporary	141.07	80.00	N/A	0.1771	40.14494	-76.46730	Open Cut	Rapho	Manheim
203	24-1600-70-20-A/M-0308-0.07-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3003	None	PEM	N/A	N/A	Permanent	114.89	10.00	N/A	0.0257	40.14494	-76.46730	Open Cut	Rapho	Manheim
204	24-1600-70-09-A/30.63-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3009)	TSF, MF	R3	Perennial	None	Temporary	81.43	5.05	N/A	0.0093	40.14757	-76.46930	Dam-and-Pump	Rapho	Manheim
205	24-1600-70-09-A/30.63-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3009)	TSF, MF	R3	Perennial	None	Permanent	10.14	5.05	N/A	0.0012	40.14757	-76.46930	Dam-and-Pump	Rapho	Manheim
206	24-1600-70-09-A/30.63-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3009)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	123.86	100.00	N/A	0.2055	40.14757	-76.46930	N/A	Rapho	Manheim
207	24-1600-70-09-A/30.63-01	24-1600-70-28-A/LL113_9 Sheet 28 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3009)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	109.98	10.00	N/A	0.0235	40.14757	-76.46930	N/A	Rapho	Manheim
208	24-1600-70-09-A/31.18-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3008)	TSF, MF	R3	Perennial	None	Temporary	67.68	16.29	N/A	0.0263	40.15315	-76.47603	Dam-and-Pump	Rapho	Manheim

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
209	24-1600-70-09-A/31.18-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3008)	TSF, MF	R3	Perennial	None	Permanent	10.00	16.29	N/A	0.0038	40.15315	-76.47603	Dam-and-Pump	Rapho	Manheim
210	24-1600-70-09-A/31.18-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3008))	FEMA Detailed	N/A	N/A	N/A	Temporary	363.06	180.10	N/A	0.4056	40.15315	-76.47603	N/A	Rapho	Manheim
211	24-1600-70-09-A/31.18-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3008))	FEMA Detailed	N/A	N/A	N/A	Permanent	274.08	10.00	N/A	0.0381	40.15315	-76.47603	N/A	Rapho	Manheim
212	24-1600-70-20-A/31.18-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3006	None	PEM	N/A	N/A	Temporary	106.76	75.00	N/A	0.1237	40.15320	-76.47622	Open Cut	Rapho	Manheim
213	24-1600-70-20-A/31.18-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3006	None	PEM	N/A	N/A	Permanent	91.22	10.00	N/A	0.0200	40.15320	-76.47622	Open Cut	Rapho	Manheim
214	24-1600-70-09-A/31.59-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3007)	TSF, MF	R3	Perennial	None	Temporary	75.17	65.15	N/A	0.0996	40.15719	-76.48056	Dam-and-Pump	Rapho	Manheim
215	24-1600-70-09-A/31.59-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Back Run (WW-T31-3007)	TSF, MF	R3	Perennial	None	Permanent	13.03	65.15	N/A	0.0150	40.15719	-76.48056	Dam-and-Pump	Rapho	Manheim
216	24-1600-70-09-A/31.59-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3007)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	257.81	100.00	N/A	0.2306	40.15719	-76.48056	N/A	Rapho	Manheim
217	24-1600-70-09-A/31.59-01	24-1600-70-28-A/LL113_9 Sheet 29 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Back Run (WW-T31-3007)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	190.91	10.00	N/A	0.0276	40.15719	-76.48056	N/A	Rapho	Manheim
218	24-1600-70-09-A/32.27-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Brubaker Run (WW-T31-3006)	WWF, MF	R3	Perennial	None	Temporary	30.01	5.02	N/A	0.0118	40.16498	-76.48578	Dam-and-Pump	Rapho	Manheim
219	24-1600-70-09-A/32.27-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Brubaker Run (WW-T31-3006)	WWF, MF	R3	Perennial	None	Permanent	5.00	5.02	N/A	0.0014	40.16498	-76.48578	Dam-and-Pump	Rapho	Manheim
220	24-1600-70-09-A/32.27-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway UNT to Brubaker Run (WW-T31-3006)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	111.96	101.08	N/A	0.1238	40.16498	-76.48578	N/A	Rapho	Manheim
221	24-1600-70-09-A/32.27-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway UNT to Brubaker Run (WW-T31-3006)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	110.00	10.00	N/A	0.0146	40.16498	-76.48578	N/A	Rapho	Manheim
222	24-1600-70-20-A/32.27-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3004	None	PEM	N/A	N/A	Temporary	75.55	61.99	N/A	0.0559	40.16494	-76.48574	Open Cut	Rapho	Manheim
223	24-1600-70-20-A/32.27-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3004	None	PEM	N/A	N/A	Permanent	50.38	10.00	N/A	0.0089	40.16494	-76.48574	Open Cut	Rapho	Manheim
224	24-1600-70-09-A/33.00-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Brubaker Run (WW-T31-3005)	TSF, MF	R3	Perennial	None	Temporary	83.18	39.40	N/A	0.0553	40.17062	-76.49677	Flume	Rapho	Manheim
225	24-1600-70-09-A/33.00-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Brubaker Run (WW-T31-3005)	TSF, MF	R3	Perennial	None	Permanent	10.65	39.40	N/A	0.0089	40.17062	-76.49677	Flume	Rapho	Manheim
226	24-1600-70-09-A/33.00-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Brubaker Run (WW-T31-3005)	FEMA Detailed	N/A	N/A	N/A	Temporary	285.24	100.00	N/A	0.4760	40.17062	-76.49677	N/A	Rapho	Manheim
227	24-1600-70-09-A/33.00-01	24-1600-70-28-A/LL113_9 Sheet 30 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Brubaker Run (WW-T31-3005)	FEMA Detailed	N/A	N/A	N/A	Permanent	278.40	10.00	N/A	0.0545	40.17062	-76.49677	N/A	Rapho	Manheim
228	24-1600-70-09-A/33.57-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3002A)	TSF, MF	R4	Intermittent	None	Temporary	63.36	3.17	N/A	0.0108	40.17480	-76.50559	Dam-and-Pump	Rapho	Elizabethtown
229	24-1600-70-09-A/33.57-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3002A)	TSF, MF	R4	Intermittent	None	Permanent	4.60	3.17	N/A	0.0007	40.17480	-76.50559	Dam-and-Pump	Rapho	Elizabethtown

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³	Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad	
230	24-1600-70-09-A/33.57-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3002)	TSF, MF	R3	Perennial	None	Temporary	84.37	21.85	N/A	0.0274	40.17472	-76.50572	Dam-and-Pump	Rapho	Elizabethtown
231	24-1600-70-09-A/33.57-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3002)	TSF, MF	R3	Perennial	None	Permanent	10.76	21.85	N/A	0.0050	40.17472	-76.50572	Dam-and-Pump	Rapho	Elizabethtown
232	24-1600-70-09-A/33.57-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Little Chiques Creek (WW-T31-3002)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Temporary	232.27	100.00	N/A	0.2490	40.17472	-76.50572	N/A	Rapho	Elizabethtown
233	24-1600-70-09-A/33.57-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Little Chiques Creek (WW-T31-3002)	Assumed 50 Feet ⁴	N/A	N/A	N/A	Permanent	136.09	10.00	N/A	0.0246	40.17472	-76.50572	N/A	Rapho	Elizabethtown
234	24-1600-70-20-A/33.62-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3002 / W-T31-3002-1	None	PEM	N/A	N/A	Temporary	258.76	88.40	N/A	0.1732	40.17544	-76.50632	Open Cut	Rapho	Elizabethtown
235	24-1600-70-20-A/33.62-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3002 / W-T31-3002-1	None	PEM	N/A	N/A	Permanent	129.49	10.00	N/A	0.0266	40.17544	-76.50632	Open Cut	Rapho	Elizabethtown
236	24-1600-70-09-A/34.02-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3001)	TSF, MF	R6	Ephemeral	None	Temporary	66.86	30.41	N/A	0.0431	40.17991	-76.51134	Dam-and-Pump	Rapho	Elizabethtown
237	24-1600-70-09-A/34.02-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3001)	TSF, MF	R6	Ephemeral	None	Permanent	10.14	30.41	N/A	0.0070	40.17991	-76.51134	Dam-and-Pump	Rapho	Elizabethtown
238	24-1600-70-09-A/34.02-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Little Chiques Creek (WW-T31-3001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	393.99	131.27	N/A	0.3791	40.17991	-76.51134	N/A	Rapho	Elizabethtown
239	24-1600-70-09-A/34.02-01	24-1600-70-28-A/LL113_9 Sheet 31 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Little Chiques Creek (WW-T31-3001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	135.01	10.00	N/A	0.0235	40.17991	-76.51134	N/A	Rapho	Elizabethtown
240	24-1600-70-09-A/34.47-01	24-1600-70-28-A/LL113_9 Sheet 32 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T24-3001A)	TSF, MF	R3	Perennial	Approved Trout Waters, Trout Stocked Stream	Temporary	15.74	3.77	N/A	0.0010	40.18322	-76.51788	N/A	Rapho	Elizabethtown
241	24-1600-70-09-A/34.47-01	24-1600-70-28-A/LL113_9 Sheet 32 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Little Chiques Creek (WW-T24-3001A)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	209.18	23.55	N/A	0.0836	40.18322	-76.51788	N/A	Rapho	Elizabethtown
242	24-1600-70-09-A/34.47-01	24-1600-70-28-A/LL113_9 Sheet 32 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Little Chiques Creek (WW-T24-3001)	TSF, MF	R3	Perennial	Approved Trout Waters, Trout Stocked Stream	Temporary	80.90	15.78	N/A	0.0359	40.18316	-76.51801	Dam-and-Pump	Rapho	Elizabethtown
243	24-1600-70-09-A/34.47-01	24-1600-70-28-A/LL113_9 Sheet 32 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Little Chiques Creek (WW-T24-3001)	TSF, MF	R3	Perennial	Approved Trout Waters, Trout Stocked Stream	Permanent	10.05	15.78	N/A	0.0037	40.18316	-76.51801	Dam-and-Pump	Rapho	Elizabethtown
244	24-1600-70-09-A/34.47-01	24-1600-70-28-A/LL113_9 Sheet 32 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Little Chiques Creek (WW-T24-3001)	FEMA Detailed ⁴	N/A	N/A	N/A	Temporary	220.05	157.87	N/A	0.3912	40.18316	-76.51801	N/A	Rapho	Elizabethtown
245	24-1600-70-09-A/34.47-01	24-1600-70-28-A/LL113_9 Sheet 32 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Little Chiques Creek (WW-T24-3001)	FEMA Detailed ⁴	N/A	N/A	N/A	Permanent	183.54	10.00	N/A	0.0381	40.18316	-76.51801	N/A	Rapho	Elizabethtown
246	24-1600-70-09-A/36.04-01	24-1600-70-28-A/LL113_9 Sheet 33 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Shells Run (WW-T30-4001)	TSF, MF	R3	Perennial	None	Temporary	65.11	16.22	N/A	0.0245	40.20334	-76.52487	Dam-and-Pump	Mount Joy	Elizabethtown
247	24-1600-70-09-A/36.04-01	24-1600-70-28-A/LL113_9 Sheet 33 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	Shells Run (WW-T30-4001)	TSF, MF	R3	Perennial	None	Permanent	10.00	16.22	N/A	0.0037	40.20334	-76.52487	Dam-and-Pump	Mount Joy	Elizabethtown
248	24-1600-70-09-A/36.04-01	24-1600-70-28-A/LL113_9 Sheet 33 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shells Run (WW-T30-4001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	112.90	107.26	N/A	0.1377	40.20334	-76.52487	N/A	Mount Joy	Elizabethtown
249	24-1600-70-09-A/36.04-01	24-1600-70-28-A/LL113_9 Sheet 33 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shells Run (WW-T30-4001)	Assumed 50 Feet	N/A	N/A	N/A	Permanent	89.19	10.00	N/A	0.0165	40.20334	-76.52487	N/A	Mount Joy	Elizabethtown
250	24-1600-70-20-A/36.05-01	24-1600-70-28-A/LL113_9 Sheet 33 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T30-4001	None	PEM	N/A	N/A	Temporary	96.61	88.96	N/A	0.0701	40.20342	-76.52505	Open Cut	Mount Joy	Elizabethtown
251	24-1600-70-20-A/36.05-01	24-1600-70-28-A/LL113_9 Sheet 33 of 34	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T30-4001	None	PEM	N/A	N/A	Permanent	43.84	10.00	N/A	0.0095	40.20342	-76.52505	Open Cut	Mount Joy	Elizabethtown

Access Roads

Impact Table for Individual Permit Application

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

Project Name: Atlantic Sunrise Project (Project) - LANCASTER (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) ²	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) ³		Floodway Fill (cu. yds.)	Impact area (acres)	Latitude	Longitude	Waterbody Crossing Method	Municipality	USGS Quad
252	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9-AR-LA-009.1 Sheets 1 through 3 of 3	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Pequea Creek (WW-T31-003)	FEMA Detailed	N/A	N/A	N/A	Temporary ⁷	115.12	50.75	115.78 ¹²	0.0718	39.92076	-76.31997	N/A	Martic	Conestoga
253	24-1600-70-09-A/8.00-01	24-1600-70-28-A/LL113_9-AR-LA-010.2 Sheets 1 through 2 of 2 (E&SC) & Sheet 1 of 1 (PCSM)	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Pequea Creek (WW-T31-003)	FEMA Detailed	N/A	N/A	N/A	Temporary ⁸	95.71	66.89	N/A	0.0362	39.92076	-76.31997	N/A	Martic	Conestoga
254	24-1600-70-09-A/AR-LA-020-01	24-1600-70-28-A/LL113_9-AR-LA-020 Sheets 2 through 4 of 4	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run (WW-T25-2001)	Assumed 50 Feet	N/A	N/A	N/A	Temporary ⁹	143.57	24.31	49.70 ¹²	0.0307	40.02516	-76.45571	N/A	West Hempfield	Columbia East
255	24-1600-70-09-A/AR-LA-030-01	24-1600-70-28-A/LL113_9-AR-LA-030, Sheets 1 through 3 of 3	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Shells Run (WW-T25-4002)	Assumed 50 Feet	N/A	N/A	N/A	Temporary ¹⁰	343.36	39.24	199.81 ¹²	0.1239	40.19440	-76.52621	N/A	Mount Joy	Elizabethtown
256	24-1600-70-09-A/AR-LE-033.1-01	24-1600-70-28-A/LL113_9-AR-LE-033.1 Sheets 3, 5, and 7 of 7	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Shells Run (WW-T88-003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary ¹¹	75.27	12.47	26.44 ¹²	0.0155	40.20576	-76.52446	N/A	Mount Joy	Elizabethtown
Water Withdrawal Locations																				
257	24-1600-70-09-A/11.69-01	24-1600-70-28-A/LL113_9 CS-LA-164 Sheets 1 through 2 of 2	Water Withdrawal	Equipment Access and E&S Controls	Stream	Conestoga River (WW-T88-002)	WWF, MF	N/A	N/A	N/A	Temporary	81.51	10.06	N/A	0.0172	39.96269	-76.36478	N/A	Conestoga	Conestoga
258	24-1600-70-09-A/11.69-01	24-1600-70-28-A/LL113_9 CS-LA-164 Sheets 1 through 2 of 2	Water Withdrawal	Equipment Access and E&S Controls	Floodway	Floodway to Conestoga River (WW-T88-002)	FEMA Detailed	N/A	N/A	N/A	Temporary	433.40	195.16	N/A	0.5178	39.96269	-76.36478	N/A	Conestoga	Conestoga
259	24-1600-07-09-A/23.90	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Water Withdrawal	Equipment Access and E&S Controls	Stream	Chiques Creek (WW-T42-2003)	WWF, MF	R3	Perennial	None	Temporary	52.09	70.53	N/A	0.0124	40.06623	-76.49063	N/A	West Hempfield	Columbia East
260	24-1600-07-09-A/23.90	24-1600-70-28-A/LL113_9 Sheet 22 of 34	Water Withdrawal	Equipment Access and E&S Controls	Floodway	Floodway to Chiques Creek (WW-T42-2003)	FEMA Detailed	N/A	N/A	N/A	Temporary	25.57	10.00	N/A	0.0038	40.06623	-76.49063	N/A	West Hempfield	Columbia East
Hibred Farms PRM Site																				
RES 1	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Channel Fill Stream Fill	R3 -2' Thick	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	1153	1.5	133.00	0.1200	40.284208	-76.176036	N/A	West Cocalico	Womelsdorf
RES 2	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Crossing 1 Stream Fill	R6-2' Thick	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	2	12	5.00	0.0010	40.285247	-76.176036	N/A	West Cocalico	Womelsdorf
RES 3	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Crossing 1 Wetland Fill	R6-2' Thick	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Permanent	34	12	35.00	0.0080	40.285247	-76.176036	N/A	West Cocalico	Womelsdorf
RES 4	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Crossing 2 Stream Fill	R6-2' Thick	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	2	12	2.75	0.0010	40.284464	-76.175933	N/A	West Cocalico	Womelsdorf
RES 5	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Crossing 2 Wetland Fill	R6-2' Thick	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Permanent	44	12	30.25	0.0120	40.284464	-76.175933	N/A	West Cocalico	Womelsdorf
RES 6	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Rock Ramp Transition Stream Fill	R6-2' Thick	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	2	21	5.40	0.0010	40.282389	-76.176475	N/A	West Cocalico	Womelsdorf
RES 7	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Rock Ramp Transition Wetland Fill	R6-2' Thick	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Permanent	33	21	48.60	0.0090	40.282389	-76.176475	N/A	West Cocalico	Womelsdorf
RES 8	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Grade Log Stream Impact (Fill)	Logs	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	10	13	6.60	0.0030	40.283592	-76.176292	N/A	West Cocalico	Womelsdorf
RES 9	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Grade Log Stream Impact (Fill)	Logs	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Permanent	36	18	26.40	0.0150	40.283592	-76.176292	N/A	West Cocalico	Womelsdorf
RES 10	HIBRED FARMS PLAN, SHEET 4	HIBRED FARMS PLAN, SHEET 4	Grade Log Stream Impact (Fill)	Matting	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Temporary	769	10	N/A	0.1800	40.283228	-76.176525	N/A	West Cocalico	Womelsdorf

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

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

³ 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.

⁴ Multiple streams are included in these calculations as the floodways overlap.

⁵ Includes both FEMA Detailed and Assumed 50 Foot Buffers.

⁶ 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.

⁷ 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 a rock construction entrance, installation of compost filter sock, and placement of timber matting over an existing culvert, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

⁸ 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 a rock construction entrance, culvert, rip rap apron and compost filter sock, and installation of grass pavers and associated access road grading, as well as vehicle traffic along the existing access road. The grading plan has been designed to be balanced so that there is no decrease in flood storage within the floodway. The fill volume is 145.8 cubic yards and the cut volume is 147.2 cubic yards, resulting in a net cut volume of 1.4 cubic yards. The grass paver detail is shown on the Access Road Erosion & Sediment Control and Layout Plans in Attachment M.

⁹ 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 bridge, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

¹⁰ 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 air bridge over the existing culvert, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

¹¹ The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

¹² 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.