

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

**Project Name:** Atlantic Sunrise Project (Project)

**Date:** July 2017

Impact Number	Description of Impact (Fill, road/utility crossing, grading)	Resource Type (stream, wetland, floodway, body of water)	Resource Name	Chapter 93 Classification, Wetland Classification(EV or Other), or Floodway Type <sup>1</sup>	Wetland (Cowardin Classification)	Stream Type (Intermittent, Perennial)	Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked)	Resource ID
1	Utility Pipeline Crossing	Stream	UNT to Willow Brook (WW-T30-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T30-21001
2	Utility Pipeline Crossing	Stream	UNT to Willow Brook (WW-T30-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T30-21001
3	Utility Pipeline Crossing	Floodway	Floodway to UNT to Willow Brook (WW-T30-21001)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T30-21001
4	Utility Pipeline Crossing	Floodway	Floodway to UNT to Willow Brook (WW-T30-21001)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T30-21001
5	Utility Pipeline Crossing	Wetland	W-T30-21002	None	PEM	N/A	N/A	W-T30-21002
6	Utility Pipeline Crossing	Wetland	W-T30-21002	None	PEM	N/A	N/A	W-T30-21002
7	Utility Pipeline Crossing	Stream	UNT to Willow Brook (WW-T12-21004A)	CWF, MF	R4	Intermittent	Wild Trout Waters	WW-T12-21004A
8	Utility Pipeline Crossing	Stream	UNT to Willow Brook (WW-T12-21004)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T12-21004
9	Utility Pipeline Crossing	Stream	UNT to Willow Brook (WW-T12-21004)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T12-21004
10	Utility Pipeline Crossing	Floodway	Floodway to UNT to Willow Brook (WW-T12-21004)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T12-21004
11	Utility Pipeline Crossing	Floodway	Floodway to UNT to Willow Brook (WW-T12-21004)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T12-21004
12	Utility Pipeline Crossing	Wetland	W-T12-21001A	None	PEM	N/A	N/A	W-T12-21001A
13	Utility Pipeline Crossing	Wetland	W-T12-21001A	None	PEM	N/A	N/A	W-T12-21001A
14	Utility Pipeline Crossing	Stream	Willow Brook (WW-T12-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T12-21001
15	Utility Pipeline Crossing	Stream	Willow Brook (WW-T12-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T12-21001
16	Utility Pipeline Crossing	Floodway	Floodway to Willow Brook (WW-T12-21001)	FEMA Detailed	N/A	N/A	N/A	Floodway to WW-T12-21001
17	Utility Pipeline Crossing	Floodway	Floodway to Willow Brook (WW-T12-21001)	FEMA Detailed	N/A	N/A	N/A	Floodway to WW-T12-21001
18	Utility Pipeline Crossing	Wetland	W-T70-21001A-1 / W-T70-21001A-2	None	PEM	N/A	N/A	W-T70-21001A-1 / W-T70-21001A-2
19	Utility Pipeline Crossing	Wetland	W-T70-21001A-1 / W-T70-21001A-2	None	PEM	N/A	N/A	W-T70-21001A-1 / W-T70-21001A-2
20	Utility Pipeline Crossing	Wetland	W-T51-21004 / W-T51-21004-1	None	PEM	N/A	N/A	W-T51-21004 / W-T51-21004-1
21	Utility Pipeline Crossing	Wetland	W-T51-21004	None	PEM	N/A	N/A	W-T51-21004

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22	Utility Pipeline Crossing	Stream	Utley Brook (WW-T50-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T50-21001
23	Utility Pipeline Crossing	Stream	Utley Brook (WW-T50-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T50-21001
24	Utility Pipeline Crossing	Floodway	Floodway to Utley Brook (WW-T50-21001)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T50-21001
25	Utility Pipeline Crossing	Floodway	Floodway to Utley Brook (WW-T50-21001)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T50-21001
26	Utility Pipeline Crossing	Wetland	W-T64-21001-1	None	PEM	N/A	N/A	W-T64-21001-1
27	Utility Pipeline Crossing	Wetland	W-T64-21001-1	None	PEM	N/A	N/A	W-T64-21001-1
28	Utility Pipeline Crossing	Stream	Millard Creek (WW-T50-21002)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T50-21002
29	Utility Pipeline Crossing	Stream	Millard Creek (WW-T50-21002)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T50-21002
30	Utility Pipeline Crossing	Floodway	Floodway to Millard Creek (WW-T50-21002)	FEMA Detailed <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T50-21002
31	Utility Pipeline Crossing	Floodway	Floodway to Millard Creek (WW-T50-21002)	FEMA Detailed <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T50-21002
32	Utility Pipeline Crossing	Wetland	W-T50-21002	EV	PFO	N/A	N/A	W-T50-21002
33	Utility Pipeline Crossing	Wetland	W-T50-21002	EV	PFO	N/A	N/A	W-T50-21002
34	Utility Pipeline Crossing	Stream	UNT to Millard Creek (WW-T50-21003)	CWF, MF	R4	Intermittent	Wild Trout Waters	WW-T50-21003
35	Utility Pipeline Crossing	Stream	UNT to Millard Creek (WW-T50-21003)	CWF, MF	R4	Intermittent	Wild Trout Waters	WW-T50-21003
36	Utility Pipeline Crossing	Wetland	W-T50-21003	EV	PFO	N/A	N/A	W-T50-21003
37	Utility Pipeline Crossing	Wetland	W-T50-21003	EV	PFO	N/A	N/A	W-T50-21003
38	Utility Pipeline Crossing	Floodway	Floodway to UNT to Millard Creek (WW-T12-21006)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T12-21006
39	Utility Pipeline Crossing	Floodway	Floodway to UNT to Millard Creek (WW-T12-21006)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T12-21006
40	Utility Pipeline Crossing	Wetland	W-T12-21007A	EV	PEM	N/A	N/A	W-T12-21007A
41	Utility Pipeline Crossing	Wetland	W-T12-21007A	EV	PEM	N/A	N/A	W-T12-21007A
42	Utility Pipeline Crossing	Wetland	W-T12-21008-1	EV	PEM	N/A	N/A	W-T12-21008-1
43	Utility Pipeline Crossing	Wetland	W-T12-21008-1	EV	PEM	N/A	N/A	W-T12-21008-1

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44	Utility Pipeline Crossing	Stream	UNT to Millard Creek (WW-T12-21007)	CWF, MF	R4	Intermittent	Wild Trout Waters	WW-T12-21007
45	Utility Pipeline Crossing	Stream	UNT to Millard Creek (WW-T12-21007)	CWF, MF	R4	Intermittent	Wild Trout Waters	WW-T12-21007
46	Utility Pipeline Crossing	Floodway	Floodway to UNT to Millard Creek (WW-T12-21007)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T12-21007
47	Utility Pipeline Crossing	Floodway	Floodway to UNT to Millard Creek (WW-T12-21007)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T12-21007
48	Utility Pipeline Crossing	Stream	UNT to Millard Creek (WW-T12-21007A)	CWF, MF	R6	Ephemeral	Wild Trout Waters	WW-T12-21007A
49	Utility Pipeline Crossing	Stream	UNT to Millard Creek (WW-T12-21007A)	CWF, MF	R6	Ephemeral	Wild Trout Waters	WW-T12-21007A
50	Utility Pipeline Crossing	Wetland	W-T12-21009A / W-T12-21009A-1 / W-T12-21009A-2	EV	PEM	N/A	N/A	W-T12-21009A / W-T12-21009A-1 / W-T12-21009A-2
51	Utility Pipeline Crossing	Wetland	W-T12-21009A / W-T12-21009A-1 / W-T12-21009A-2	EV	PEM	N/A	N/A	W-T12-21009A / W-T12-21009A-1 / W-T12-21009A-2
52	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T12-21008)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T12-21008
53	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T12-21008)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T12-21008
54	Utility Pipeline Crossing	Wetland	W-T12-21009B	EV	PSS	N/A	N/A	W-T12-21009B
55	Utility Pipeline Crossing	Wetland	W-T12-21009B	EV	PSS	N/A	N/A	W-T12-21009B
56	Utility Pipeline Crossing	Wetland	W-T12-21009C	EV	PFO	N/A	N/A	W-T12-21009C
57	Utility Pipeline Crossing	Wetland	W-T12-21009C	EV	PFO	N/A	N/A	W-T12-21009C
58	Utility Pipeline Crossing	Stream	UNT to Tower Branch (WW-T92-21002)	CWF, MF	R6	Ephemeral	Wild Trout Waters	WW-T92-21002
59	Utility Pipeline Crossing	Stream	UNT to Tower Branch (WW-T92-21002)	CWF, MF	R6	Ephemeral	Wild Trout Waters	WW-T92-21002
60	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T92-21002)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T92-21002
61	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T92-21002)	Assumed 50 Feet <sup>3</sup>	N/A	N/A	N/A	Floodway to WW-T92-21002
62	Utility Pipeline Crossing	Stream	UNT to Tower Branch (WW-T12-21009A)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T12-21009A
63	Utility Pipeline Crossing	Stream	UNT to Tower Branch (WW-T12-21009A)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T12-21009A
64	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T12-21009A)	FEMA Detailed	N/A	N/A	N/A	Floodway to WW-T12-21009A
65	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T12-21009A)	FEMA Detailed	N/A	N/A	N/A	Floodway to WW-T12-21009A

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66	Utility Pipeline Crossing	Wetland	W-T48-21002A	None	PEM	N/A	N/A	W-T48-21002A
67	Utility Pipeline Crossing	Wetland	W-T48-21002A	None	PEM	N/A	N/A	W-T48-21002A
68	Utility Pipeline Crossing	Wetland	W-T48-21002C	None	PFO	N/A	N/A	W-T48-21002C
69	Utility Pipeline Crossing	Wetland	W-T48-21002C	None	PFO	N/A	N/A	W-T48-21002C
70	Utility Pipeline Crossing	Wetland	W-T48-21001	EV	PEM	N/A	N/A	W-T48-21001
71	Utility Pipeline Crossing	Wetland	W-T48-21001	EV	PEM	N/A	N/A	W-T48-21001
72	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T48-21001A)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T48-21001A
73	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T48-21001A)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T48-21001A
74	Utility Pipeline Crossing	Stream	Tower Branch (WW-T48-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T48-21001
75	Utility Pipeline Crossing	Stream	Tower Branch (WW-T48-21001)	CWF, MF	R3	Perennial	Wild Trout Waters	WW-T48-21001
76	Utility Pipeline Crossing	Floodway	Floodway to Tower Branch (WW-T48-21001)	FEMA Detailed	N/A	N/A	N/A	Floodway to WW-T48-21001
77	Utility Pipeline Crossing	Floodway	Floodway to Tower Branch (WW-T48-21001)	FEMA Detailed	N/A	N/A	N/A	Floodway to WW-T48-21001
78	Utility Pipeline Crossing	Wetland	W-T48-21003	EV	PEM	N/A	N/A	W-T48-21003
79	Utility Pipeline Crossing	Wetland	W-T48-21003	EV	PEM	N/A	N/A	W-T48-21003
80	Utility Pipeline Crossing	Stream	UNT to Tower Branch (WW-T17-21001)	CWF, MF	R6	Ephemeral	Wild Trout Waters	WW-T17-21001
81	Utility Pipeline Crossing	Stream	UNT to Tower Branch (WW-T17-21001)	CWF, MF	R6	Ephemeral	Wild Trout Waters	WW-T17-21001
82	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T17-21001)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T17-21001
83	Utility Pipeline Crossing	Floodway	Floodway to UNT to Tower Branch (WW-T17-21001)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T17-21001
84	Utility Pipeline Crossing	Pond	Unnamed Pond (WB-T87-21001)	CWF, MF	PUB	N/A	N/A	WB-T87-21001
<b>Access Roads</b>								
85	Road Crossing	Floodway	Floodway to UNT to Millard Creek (WW-T65-21001)	Assumed 50 Feet	N/A	N/A	N/A	Floodway to WW-T65-21001
<b>Towanda Creek PRM Site</b>								
86	Equipment Access and E&S Controls	W-2	Other	PEM	N/A	N/A	Permanent	

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

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

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

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<sup>4</sup> Temporary impacts to PFO wetlands include temporal conversion from forested to scrub-shrub or emergent wetland. Within this wetland, a 30-foot-wide corridor centered over the pipeline will be permanently converted from forested to scrub-shrub or emergent wetland; the remainder of the wetland will be allowed to fully revert back to PFO.

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