

Impact Table for Individual Permit Application

Applicant: Transcontinental Gas Pipe Line Company, LLC (Transco)
 Project Name: Atlantic Sunrise Project (Project) - Lancaster County (11-22-2016)

Original Impact Number	Revised Impact Number	Plan Sheet	Description of Impact (Fill, road/utility crossing, grading)	Structure Type and Dimensions	Resource Type (Stream, Wetland, Floodway, body of water)	Resource Name	Chapter 93 Classification, 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	1	1	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Fishing Creek	HQ-CWF, MF	R2	Perennial	None	Temporary	19.82	4.98	N/A	0.0023	39.83915	-76.25562	N/A	Drumore	Holtwood
2	2	24-1600-70-09-A/0.24-01	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
3	3	24-1600-70-09-A/0.24-01	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
4	4	24-1600-70-09-A/0.24-01	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
5	5	24-1600-70-09-A/0.24-01	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
6	6	3	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-001B	EV	P55	N/A	N/A	Temporary	48.11	7.46	N/A	0.0042	39.85528	-76.26223	N/A	Drumore	Holtwood
7	7	24-1600-70-09-A/M-0147-0.58-01	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
8	8	24-1600-70-09-A/M-0147-0.58-01	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
9	9	24-1600-70-09-A/M-0147-0.58-01	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
10	10	24-1600-70-09-A/M-0147-0.58-01	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
11	11	24-1600-70-09-A/M-0147-0.58-01	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
12	12	24-1600-70-09-A/M-0147-0.58-01	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
13	13	24-1600-70-20-A/M-0147-0.58-01	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
14	14	24-1600-70-20-A/M-0147-0.58-01	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
15	15	24-1600-70-09-A/M-0324-0.20-01	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
16	16	24-1600-70-09-A/M-0184-0.85-01	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
17	17	24-1600-70-09-A/M-0184-0.85-01	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

17	18	24-1600-70-09-A/M-0184-0.85-01	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
18	19	24-1600-70-09-A/M-0184-0.85-01	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
	20	24-1600-70-20-A/M-0354-0.00-01	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
	21	24-1600-70-09-A/5.34-01	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
	22	24-1600-70-09-A/5.34-01	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
	23	24-1600-70-09-A/5.34-01	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
	24	24-1600-70-09-A/5.34-01	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
	25	24-1600-70-20-A/M-0354-0.00-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T62-001C	EV	PFO	N/A	N/A	Temporary ⁵	75.47	75.00	N/A	0.0399	39.89276	-76.29138	Open Cut	Martic	Conestoga
	26	24-1600-70-20-A/M-0354-0.00-01	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
19	27	24-1600-70-20-A/7.10-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-101C	None	PFO	N/A	N/A	Temporary ⁵	186.43	90.00	N/A	0.1652	39.91189	-76.30856	Open Cut	Martic	Conestoga
20	28	24-1600-70-20-A/7.10-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-101C	None	PFO	N/A	N/A	Permanent	188.81	30.00	N/A	0.1577	39.91189	-76.30856	Open Cut	Martic	Conestoga
21	29	24-1600-70-20-A/7.10-01	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
22	30	24-1600-70-20-A/7.10-01	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
23	31	24-1600-70-09-A/7.15-01	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
24	32	24-1600-70-09-A/7.15-01	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
25	33	24-1600-70-09-A/7.15-01	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
26	34	24-1600-70-09-A/7.15-01	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
27	35	15	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T10-100	None	PFO	N/A	N/A	Temporary ¹	22.49	8.04	N/A	0.0021	39.91257	-76.30869	N/A	Martic	Conestoga
28	36	24-1600-70-09-A/7.47-01	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
29	37	24-1600-70-09-A/7.47-01	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
30	38	24-1600-70-09-A/7.47-01	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

31	39	24-1600-70-09-A/7.47-01	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	194.34	N/A	0.3279	39.91624	-76.31068	N/A	Martic	Conestoga
32	40	16	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T20-002	None	R5S	N/A	N/A	Temporary	7.73	5.85	N/A	0.0005	39.91612	-76.31081	N/A	Martic	Conestoga
33	41	24-1600-70-09-A/8.00-01	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
34	42	24-1600-70-09-A/8.00-01	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
35	43	24-1600-70-09-A/8.00-01	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
36	44	24-1600-70-09-A/8.00-01	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
37	45	24-1600-70-09-A/8.00-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T31-002)	FEMA Detailed ^{4,5}	N/A	N/A	N/A	Temporary	367.44	134.85	N/A	0.2814	39.91953	-76.31701	N/A	Martic	Conestoga
38	46	24-1600-70-09-A/8.00-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T31-002)	FEMA Detailed ^{4,5}	N/A	N/A	N/A	Permanent	148.60	10.00	N/A	0.0228	39.91953	-76.31701	N/A	Martic	Conestoga
	47	24-1600-70-09-A/8.00-01	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
	48	24-1600-70-09-A/8.00-01	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
39	49	24-1600-70-09-A/8.00-01	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
40	50	24-1600-70-09-A/8.00-01	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
41	51	24-1600-70-09-A/8.00-01	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	2.9977	39.92076	-76.31997	N/A	Martic	Conestoga
42	52	24-1600-70-09-A/8.00-01	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	255.33	N/A	0.2151	39.92076	-76.31997	N/A	Martic	Conestoga
43	53	19	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R4	Intermittent	None	Temporary	91.67	5.08	N/A	0.0105	39.92255	-76.32747	Dam-and-Pump	Conestoga	Conestoga
44	54	19	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R4	Intermittent	None	Permanent	10.20	5.08	N/A	0.0012	39.92255	-76.32747	Dam-and-Pump	Conestoga	Conestoga
45	55	19	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R6	Ephemeral	None	Temporary	112.32	59.51	N/A	0.0129	39.92268	-76.32776	N/A	Conestoga	Conestoga
46	56	19	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek	Assumed 50 Feet ³	N/A	N/A	N/A	Temporary	242.12	177.07	N/A	0.4605	39.92268	-76.32776	N/A	Conestoga	Conestoga
47	57	19	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek	Assumed 50 Feet ³	N/A	N/A	N/A	Permanent	257.42	21.81	N/A	0.0576	39.92268	-76.32776	N/A	Conestoga	Conestoga
48	58	20	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R6	Ephemeral	None	Temporary	93.99	20.76	N/A	0.0529	39.92548	-76.34393	Flume	Conestoga	Conestoga
49	59	20	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R6	Ephemeral	None	Permanent	10.75	20.76	N/A	0.0047	39.92548	-76.34393	Flume	Conestoga	Conestoga

50	60	20	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek	Assumed 50 Feet	N/A	N/A	N/A	Temporary	572.68	109.62	N/A	0.3600	39.92548	-76.34293	N/A	Conestoga	Conestoga
51	61	20	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek	Assumed 50 Feet	N/A	N/A	N/A	Permanent	125.36	10.00	N/A	0.0234	39.92548	-76.34293	N/A	Conestoga	Conestoga
	62	24-1600-70-09-A/M-0405-1.45-01	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
	63	24-1600-70-09-A/M-0405-1.45-01	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
	64	24-1600-70-09-A/M-0405-1.45-01	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
	65	24-1600-70-09-A/M-0405-1.45-01	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
	66	24-1600-70-09-A/M-0417-0.06-01	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
	67	24-1600-70-09-A/M-0417-0.06-01	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
	68	24-1600-70-09-A/M-0417-0.06-01	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
	69	24-1600-70-09-A/M-0417-0.06-01	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
52	70	21	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R2	Perennial	None	Temporary	2.29	2.56	N/A	0.0003	39.92975	-76.34822	Flume	Conestoga	Conestoga
53	71	21	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek	WWF, MF	R2	Perennial	None	Permanent	10.30	5.13	N/A	0.0012	39.92941	-76.34843	Flume	Conestoga	Conestoga
54	72	21	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek	Assumed 50 Feet	N/A	N/A	N/A	Temporary	146.89	100.00	N/A	0.2302	39.92941	-76.34843	N/A	Conestoga	Conestoga
55	73	21	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek	Assumed 50 Feet	N/A	N/A	N/A	Permanent	118.66	10.00	N/A	0.0243	39.92941	-76.34843	N/A	Conestoga	Conestoga
56	74	24-1600-70-09-A/10.11-01	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
57	75	24-1600-70-09-A/10.11-01	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
58	76	24-1600-70-09-A/10.11-01	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
59	77	24-1600-70-09-A/10.11-01	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
60	78	24-1600-70-09-A/10.13-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Pequea Creek (WW-T36-1003)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	62.80	9.92	N/A	0.0096	39.93432	-76.35282	N/A	Conestoga	Conestoga
61	79	24-1600-70-09-A/10.88-01	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
62	80	24-1600-70-09-A/10.88-01	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

63	81	24-1600-70-09-A/10.88-01	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
64	82	24-1600-70-09-A/10.88-01	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
65	83	24-1600-70-09-A/11.00-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Conestoga River (WW-T35-1002A)	WWF, MF	R3	Perennial	None	Temporary	91.90	11.12	N/A	0.0159	39.93639	-76.36317	Dam-and-Pump	Conestoga	Conestoga
66	84	24-1600-70-09-A/11.00-01	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	Dam-and-Pump	Conestoga	Conestoga
67	85	24-1600-70-09-A/11.00-01	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	235.16	100.00	N/A	0.1985	39.93639	-76.36317	N/A	Conestoga	Conestoga
68	86	24-1600-70-09-A/11.00-01	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
69	87	24-1600-70-20-A/11.00-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T35-1001	None	PEM	N/A	N/A	Temporary	96.20	75.00	N/A	0.0750	39.93640	-76.36306	Open Cut	Conestoga	Conestoga
70	88	24-1600-70-20-A/11.00-01	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	39.93640	-76.36306	Open Cut	Conestoga	Conestoga
71	89	24-1600-70-09-A/12.32-01	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
71	90	24-1600-70-09-A/12.32-01	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
72	91	24-1600-70-09-A/12.32-01	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
72	92	24-1600-70-09-A/12.32-01	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
73	93	24-1600-70-09-A/12.40-01	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
73	94	24-1600-70-09-A/12.40-01	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
74	95	24-1600-70-09-A/12.40-01	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
74	96	24-1600-70-09-A/12.40-01	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
75	97		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Wilmers Run	WWF, MF	R4	Intermittent	None	Temporary	101.61	22.47	N/A	0.0412	39.94944	-76.39586	Flume	Manor	Safe Harbor

76	98		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R4	Intermittent	None	Permanent	11.76	22.47	N/A	0.0052	39.94944	-76.39586	Flume	Manor	Safe Harbor
77	99	24-1600-70-09-A/M-0248-0.13-01	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
78	100		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run	Assumed 50 Feet	N/A	N/A	N/A	Permanent	131.44	10.00	N/A	0.0245	39.94944	-76.39586	N/A	Manor	Safe Harbor
79	101		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R2	Perennial	None	Temporary	92.67	20.52	N/A	0.0459	39.94952	-76.39730	Flume	Manor	Safe Harbor
80	102		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R2	Perennial	None	Permanent	10.06	20.52	N/A	0.0047	39.94952	-76.39730	Flume	Manor	Safe Harbor
81	103		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run	Assumed 50 Feet	N/A	N/A	N/A	Temporary	121.97	10.00	N/A	0.0231	39.94952	-76.39730	N/A	Manor	Safe Harbor
82	104		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run	Assumed 50 Feet	N/A	N/A	N/A	Permanent	546.25	156.55	N/A	0.2276	39.94952	-76.39730	N/A	Manor	Safe Harbor
83	105		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R2	Perennial	None	Temporary	100.57	24.77	N/A	0.0117	39.94963	-76.39870	Flume	Manor	Safe Harbor
84	106		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run	Assumed 50 Feet	N/A	N/A	N/A	Temporary	546.25	156.55	N/A	0.2058	39.94963	-76.39870	N/A	Manor	Safe Harbor
85	107		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Witmers Run	Assumed 50 Feet	N/A	N/A	N/A	Permanent	527.93	82.01	N/A	0.0162	39.94963	-76.39870	N/A	Manor	Safe Harbor
	108	24-1600-70-09-A/M-0248-0.16-01	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	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	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	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
86	112	24-1600-70-20-A/M-0434-0.05-01	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
87	113	24-1600-70-20-A/M-0434-0.05-01	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
88	114		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R4	Intermittent	None	Temporary	24.11	5.33	N/A	0.0030	39.95188	-76.40404	N/A	Manor	Safe Harbor
89	115	24-1600-70-09-A/M-0434-0.10-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run (WW-T92-1002)	WWF, MF	R6	Ephemeral	None	Temporary	16.74	9.16	N/A	0.0033	39.95196	-76.40444	N/A	Manor	Safe Harbor
90	116	24-1600-70-09-A/M-0434-0.10-01	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
91	117	24-1600-70-09-A/M-0434-0.10-01	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
92	118		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1003A	None	PEM	N/A	N/A	Temporary	106.20	36.03	N/A	0.0316	39.95234	-76.40513	N/A	Manor	Safe Harbor

93	119	24-1600-70-09-A/M-0434-0.16-01	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
94	120	24-1600-70-09-A/M-0434-0.16-01	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
95	121	24-1600-70-09-A/M-0434-0.16-01	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
96	122	24-1600-70-09-A/M-0434-0.16-01	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
97	123		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R3	Perennial	None	Temporary	29.73	17.34	N/A	0.0065	39.95229	-76.40556	N/A	Manor	Safe Harbor
98	124		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Witmers Run	WWF, MF	R3	Perennial	None	Temporary	12.18	12.08	N/A	0.0026	39.95229	-76.40561	N/A	Manor	Safe Harbor
100	125		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T36-1002C	None	REQ	N/A	N/A	Temporary	210.02	27.95	N/A	0.0621	39.95258	-76.40567	N/A	Manor	Safe Harbor
	126	24-1600-70-09-A/13.80-01	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
	127	24-1600-70-09-A/13.80-01	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
	128	24-1600-70-09-A/13.80-01	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
	129	24-1600-70-09-A/13.80-01	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
101	130	24-1600-70-09-A/13.88-01	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
102	131	24-1600-70-09-A/13.88-01	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
103	132	24-1600-70-09-A/13.88-01	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
104	133	24-1600-70-09-A/13.88-01	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
105	134	24-1600-70-20-A/M-0206-0.06-01	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
106	135	24-1600-70-20-A/M-0206-0.06-01	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	Permanent	35.01	10.00	N/A	0.0067	39.95635	-76.41463	Open Cut	Manor	Safe Harbor
	136	24-1600-70-20-A/M-0188-0.22-01	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
	137	24-1600-70-20-A/M-0188-0.22-01	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
107	138	24-1600-70-09-A/14.64-01	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
108	139	24-1600-70-09-A/14.64-01	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

109	140	24-1600-70-09-A/14.64-01	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
110	141	24-1600-70-09-A/14.64-01	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
111	142	24-1600-70-09-A/15.33-01	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
112	143	24-1600-70-09-A/15.33-01	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
113	144	24-1600-70-09-A/15.33-01	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
114	145	24-1600-70-09-A/15.33-01	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
	146	24-1600-70-09-A/15.41-01	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
115	147	24-1600-70-09-A/17.01-01	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
116	148	24-1600-70-09-A/17.01-01	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
117	149	24-1600-70-09-A/17.01-01	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
118	150	24-1600-70-09-A/17.01-01	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
119	151	24-1600-70-09-A/18.10-01	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
120	152	24-1600-70-09-A/18.10-01	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
121	153	24-1600-70-09-A/18.10-01	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
122	154	24-1600-70-09-A/18.10-01	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
123	155	24-1600-70-09-A/18.85-01	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
124	156	24-1600-70-09-A/18.85-01	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
125	157	24-1600-70-09-A/18.85-01	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
126	158	24-1600-70-09-A/18.85-01	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
127	159	24-1600-70-20-A/M-0389-0.11-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2004	None	PFO	N/A	N/A	Temporary ⁶	13.88	5.01	N/A	0.0014	40.02545	-76.45895	Open Cut	West Hemsfield	Columbia East
128	160	24-1600-70-20-A/M-0389-0.11-01	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	Open Cut	West Hemsfield	Columbia East

129	161	24-1600-70-09-A/M-0389-0.14-01	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 Hemsfield	Columbia East
130	162	24-1600-70-09-A/M-0389-0.14-01	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 Hemsfield	Columbia East
131	163	24-1600-70-09-A/M-0389-0.14-01	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 Hemsfield	Columbia East
132	164	24-1600-70-09-A/M-0389-0.14-01	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 Hemsfield	Columbia East
133	165	24-1600-70-09-A/20.81-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T10-2005)	WWF, MF	R3	Perennial	None	Temporary	80.12	12.61	N/A	0.0238	40.03696	-76.46127	Dam-and-Pump	West Hemsfield	Columbia East
134	166	24-1600-70-09-A/20.81-01	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	40.03696	-76.46127	Dam-and-Pump	West Hemsfield	Columbia East
135	167	24-1600-70-09-A/20.81-01	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	116.38	100.68	N/A	0.1948	40.03696	-76.46127	N/A	West Hemsfield	Columbia East
136	168	24-1600-70-09-A/20.81-01	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	108.66	10.00	N/A	0.0218	40.03696	-76.46127	N/A	West Hemsfield	Columbia East
137	169	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2001	None	PEM	N/A	N/A	Temporary	74.67	27.22	N/A	0.0287	40.03732	-76.46693	N/A	West Hemsfield	Columbia East
138	170	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2001	None	PEM	N/A	N/A	Permanent	41.01	10.00	N/A	0.0083	40.03732	-76.46693	N/A	West Hemsfield	Columbia East
139	171	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run	WWF, MF	R3	Perennial	None	Temporary	65.48	15.43	N/A	0.0261	40.03732	-76.46739	Flume	West Hemsfield	Columbia East
140	172	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run	WWF, MF	R3	Perennial	None	Permanent	10.14	15.43	N/A	0.0035	40.03732	-76.46739	Flume	West Hemsfield	Columbia East
141	173	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run	Assumed 50 Feet	N/A	N/A	N/A	Temporary	136.72	100.00	N/A	0.2089	40.03732	-76.46739	N/A	West Hemsfield	Columbia East
142	174	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run	Assumed 50 Feet	N/A	N/A	N/A	Permanent	116.27	10.00	N/A	0.0227	40.03732	-76.46739	N/A	West Hemsfield	Columbia East
143	175	43	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2002	None	PEM	N/A	N/A	Temporary	50.39	4.75	N/A	0.0025	40.03735	-76.46742	N/A	West Hemsfield	Columbia East
144	176		Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T32-2002	None	PEM	N/A	N/A	Permanent	10.08	2.22	N/A	0.0002	40.03735	-76.46742	N/A	West Hemsfield	Columbia East
145	177	24-1600-70-09-A/22.37-01	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 Hemsfield	Columbia East
146	178	24-1600-70-09-A/22.37-01	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 Hemsfield	Columbia East
147	179	24-1600-70-09-A/22.37-01	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 Hemsfield	Columbia East
148	180	24-1600-70-09-A/22.37-01	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 Hemsfield	Columbia East
149	181	24-1600-70-09-A/23.02-01	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 Hemsfield	Columbia East

150	182	24-1600-70-09-A/23.02-01	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
151	183	24-1600-70-09-A/23.02-01	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
152	184	24-1600-70-09-A/23.02-01	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
	185	24-1600-70-09-A/M-0209-0.30-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek (WW-T49-2001)	WWF, MF	N/A	Ephemeral	None	Temporary	84.49	17.14	N/A	0.0253	40.05876	-76.49350	Dam-and-Pump	West Hempfield	Columbia East
	186	24-1600-70-09-A/M-0209-0.30-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek (WW-T49-2001)	WWF, MF	N/A	Ephemeral	None	Permanent	10.59	17.14	N/A	0.0039	40.05876	-76.49350	Dam-and-Pump	West Hempfield	Columbia East
	187	24-1600-70-09-A/M-0209-0.30-01	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	737.32	111.42	N/A	0.2620	40.05876	-76.49350	N/A	West Hempfield	Columbia East
	188	24-1600-70-09-A/M-0209-0.30-01	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	130.82	10.00	N/A	0.0252	40.05876	-76.49350	N/A	West Hempfield	Columbia East
153	189		Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek	WWF, MF	R6	Ephemeral	None	Temporary	100.38	4.92	N/A	0.0157	40.06264	-76.49220	Conventional-Bore	West Hempfield	Columbia East
154	190	0	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Chiques Creek	WWF, MF	R6	Ephemeral	None	Permanent	11.69	4.92	N/A	0.0012	40.06264	-76.49220	Conventional-Bore	West Hempfield	Columbia East
155	191	24-1600-70-09-A/M-0209-0.60-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Chiques Creek (WW-T42-2004)	Assumed 50 Feet	N/A	N/A	N/A	Temporary	76.17	12.15	N/A	0.0072	40.06268	-76.49284	N/A	West Hempfield	Columbia East
156	192		Utility Pipeline Crossing	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Chiques Creek	Assumed 50 Feet	N/A	N/A	N/A	Permanent	129.11	10.00	N/A	0.0272	40.06264	-76.49220	N/A	West Hempfield	Columbia East
157	193	24-1600-70-09-A/23.90-01	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	0.1305	40.06610	-76.49043	Dam-and-Pump	West Hempfield	Columbia East
158	194	24-1600-70-09-A/23.90-01	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
159	195	24-1600-70-09-A/23.90-01	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	1.6261	40.06610	-76.49043	N/A	West Hempfield	Columbia East
160	196	24-1600-70-09-A/23.90-01	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
161	197	24-1600-70-09-A/30.13-01	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
162	198	24-1600-70-09-A/30.13-01	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
163	199	24-1600-70-09-A/30.13-01	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
164	200	24-1600-70-09-A/30.13-01	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
165	201	24-1600-70-09-A/M-0308-0.06-01	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
166	202	24-1600-70-09-A/M-0308-0.06-01	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

167	203	24-1600-70-09-A/M-0308-0.06-01	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
168	204	24-1600-70-09-A/M-0308-0.06-01	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
169	205	24-1600-70-20-A/M-0308-0.07-01	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
170	206	24-1600-70-20-A/M-0308-0.07-01	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
171	207	24-1600-70-09-A/30.63-01	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
172	208	24-1600-70-09-A/30.63-01	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
173	209	24-1600-70-09-A/30.63-01	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
174	210	24-1600-70-09-A/30.63-01	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
175	211	24-1600-70-09-A/31.18-01	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
176	212	24-1600-70-09-A/31.18-01	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
177	213	24-1600-70-09-A/31.18-01	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
178	214	24-1600-70-09-A/31.18-01	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
179	215	24-1600-70-20-A/31.18-01	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
180	216	24-1600-70-20-A/31.18-01	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
181	217	24-1600-70-09-A/31.59-01	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
182	218	24-1600-70-09-A/31.59-01	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
183	219	24-1600-70-09-A/31.59-01	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
184	220	24-1600-70-09-A/31.59-01	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
185	221	24-1600-70-09-A/32.27-01	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
186	222	24-1600-70-09-A/32.27-01	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
187	223	24-1600-70-09-A/32.27-01	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

188	224	24-1600-70-09-A/32.27-01	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
189	225	24-1600-70-20-A/32.27-01	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
190	226	24-1600-70-20-A/32.27-01	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
191	227	24-1600-70-09-A/33.00-01	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
192	228	24-1600-70-09-A/33.00-01	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
193	229	24-1600-70-09-A/33.00-01	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
194	230	24-1600-70-09-A/33.00-01	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
195	231	24-1600-70-09-A/33.57-01	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
196	232	24-1600-70-09-A/33.57-01	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
197	233	24-1600-70-09-A/33.57-01	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
198	234	24-1600-70-09-A/33.57-01	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
199	235	24-1600-70-09-A/33.57-01	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
200	236	24-1600-70-09-A/33.57-01	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
201	237	24-1600-70-20-A/33.62-01	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
202	238	24-1600-70-20-A/33.62-01	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
203	239	24-1600-70-09-A/34.02-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3001)	TSF, MF	R6	Ephemeral	None	Temporary	104.26	44.92	N/A	0.0975	40.17975	-76.51078	Dam-and-Pump	Rapho	Elizabethtown
204	240	24-1600-70-09-A/34.02-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Stream	UNT to Little Chiques Creek (WW-T31-3001)	TSF, MF	R6	Ephemeral	None	Permanent	15.47	44.92	N/A	0.0112	40.17975	-76.51078	Dam-and-Pump	Rapho	Elizabethtown
205	241	24-1600-70-09-A/34.02-01	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	355.14	100.00	N/A	0.3404	40.17975	-76.51078	N/A	Rapho	Elizabethtown
206	242	24-1600-70-09-A/34.02-01	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	275.52	10.00	N/A	0.0485	40.17975	-76.51078	N/A	Rapho	Elizabethtown
207	243	24-1600-70-20-A/34.03-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3001	None	PEM	N/A	N/A	Temporary	16.52	1.10	N/A	0.0002	40.17980	-76.51086	Open Cut	Rapho	Elizabethtown
208	244	24-1600-70-20-A/34.03-01	Utility Pipeline Crossing	Equipment Access and E&S Controls	Wetland	W-T31-3001	None	PEM	N/A	N/A	Permanent	16.56	1.75	N/A	0.0004	40.17980	-76.51086	Open Cut	Rapho	Elizabethtown

209	245	24-1600-70-09-A/34.47-01	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
	246	24-1600-70-09-A/34.47-01	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
210	247	24-1600-70-09-A/34.47-01	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
211	248	24-1600-70-09-A/34.47-01	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
212	249	24-1600-70-09-A/34.47-01	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
213	250	24-1600-70-09-A/34.47-01	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
214	251	24-1600-70-09-A/36.04-01	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
215	252	24-1600-70-09-A/36.04-01	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
216	253	24-1600-70-09-A/36.04-01	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
217	254	24-1600-70-09-A/36.04-01	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
218	255	24-1600-70-20-A/36.05-01	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
219	256	24-1600-70-20-A/36.05-01	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																				
220	257		Contractor Staging Area	Equipment Access and E&S Controls	Floodway	Floodway to UNT to Strickler Run	Assumed 50 Feet	N/A	N/A	N/A	Temporary	N/A	N/A	N/A	0.2400	N/A	N/A	N/A		
	258	24-1600-70-09-A/8.00-01	Road Crossing	Equipment Access and E&S Controls	Stream	UNT to Pequea Creek (WW-T65-001)	WWF, MF	N/A	Perennial	None	Temporary	65.12	11.00	N/A	0.0150	39.92036	-76.31838	N/A	Martic	Conestoga
	259	24-1600-70-09-A/8.00-01	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	115.12	50.75	216.40	0.0718	39.92043	-76.31842	N/A	Martic	Conestoga

260	24-1600-70-09-A/8.00-01	Road Crossing	Equipment Access and E&S Controls	Floodway	Floodway to Pequea Creek (WW-T31-003)	FEMA Detailed	N/A	N/A	N/A	Permanent	96.31	67.85	242.02	0.0419	39.92055	-76.32029	N/A	Martic	Conestoga
261	24-1600-70-09-A/AR-LA-020-01	Road Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T25-2001)	WWF, MF	N/A	Perennial	None	Temporary	17.71	18.05	N/A	0.0063	40.02513	-76.45585	N/A	West Hempfield	Columbia East
262	24-1600-70-09-A/AR-LA-020-01	Road Crossing	Equipment Access and E&S Controls	Stream	UNT to Strickler Run (WW-T25-2001)	WWF, MF	N/A	Perennial	None	Permanent	19.26	17.82	N/A	0.0072	40.02514	-76.45585	N/A	West Hempfield	Columbia East
263	24-1600-70-09-A/AR-LA-020-01	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	143.57	24.31	129.24	0.0021	40.02514	-76.45585	N/A	West Hempfield	Columbia East
264	24-1600-70-09-A/AR-LA-020-01	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	Permanent	135.21	21.35	106.89	0.0321	40.02514	-76.45585	N/A	West Hempfield	Columbia East
265	24-1600-70-09-A/AR-LA-020-01	Road Crossing	Equipment Access and E&S Controls	Stream	Shells Run (WW-T25-4002)	TSF, MF	N/A	Perennial	None	Temporary	17.47	4.98	N/A	0.0020	40.19447	-76.52657	N/A	Mount Joy	Elizabethtown
266	24-1600-70-09-A/AR-LA-030-01	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	343.36	39.24	499.08	0.1239	40.19440	-76.52621	N/A	Mount Joy	Elizabethtown

Water Withdrawal Locations

267	24-1600-07-09-A/23.90	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
268	24-1600-07-09-A/23.90	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	Channel Fill Stream Fill	R6-2' Thick	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	1153	1.5	133	0.12	40.284208	-76.176036	N/A	West Cocalico	Womelsdorf
RES 2	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	0.001	40.285247	-76.176036	N/A	West Cocalico	Womelsdorf
RES 3	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	0.008	40.285247	-76.176036	N/A	West Cocalico	Womelsdorf
RES 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	0.001	40.284464	-76.175933	N/A	West Cocalico	Womelsdorf
RES 5	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	0.012	40.284464	-76.175933	N/A	West Cocalico	Womelsdorf
RES 6	HIBRED FARMS PLAN, SHEET 4	Crossing 3 Stream Fill	R6-2' Thick	Stream	UNT to Cocolico Creek	HQ, WWF, MF	N/A	Perennial	N/A	Permanent	2	21	5.4	0.001	40.282389	-76.176475	N/A	West Cocalico	Womelsdorf
RES 7	HIBRED FARMS PLAN, SHEET 4	Crossing 3 Wetland Fill	R6-2' Thick	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Permanent	33	21	48.6	0.009	40.282389	-76.176475	N/A	West Cocalico	Womelsdorf
RES 8	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	6.6	0.003	40.283592	-76.176292	N/A	West Cocalico	Womelsdorf
RES 9	HIBRED FARMS PLAN, SHEET 4	Grade Log Stream Impact (Fill)	Logs	Wetland	W-BJT-341	EV	PEM	N/A	N/A	Permanent	36	18	26.4	0.015	40.283592	-76.176292	N/A	West Cocalico	Womelsdorf
RES 10	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	0.18	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.