

Aquatic Resources Impact Table
Riverine Resources
Carbon County

Identification					Location					Stream Temporary Impacts			Stream Permanent Impacts			Floodway Temporary Impacts			Floodway Permanent Impacts			Crossing Information			
Watercourse ID and Crossing Number ¹	Watercourse Name	Ch 93 Designated/ Existing Use ²	Wild Trout ³	Stocked Trout ⁴	Milepost ⁵	Latitude	Longitude	Municipality ⁶	Quadrangle	Temporary Crossing Length	Temporary Crossing Width	Temporary Impact Area	Permanent Crossing Length	Permanent Crossing Width	Permanent Impact Area	Temporary Crossing Length	Temporary Crossing Width	Temporary Impact Area	Permanent Crossing Length	Permanent Crossing Width	Permanent Impact Area	Primary Pipeline Crossing Method ¹³	Secondary Pipeline Crossing Method ¹³	Tertiary Pipeline Crossing Method ¹³	Temporary Equipment Crossing
										(feet) ⁷	(feet) ⁸	(acres) ⁹	(feet) ¹⁰	(feet) ¹¹	(acres) ¹²	(feet) ⁷	(feet) ⁸	(acres) ⁹	(feet) ¹⁰	(feet) ¹¹	(acres) ¹²				
PennEast Mainline Pipeline																									
110415_GM_1001_I_MI	UNT to Lime Hollow	HQ-CWF, MF	III	-	24.5	41.11127091	-75.67584183	Kidder	Hickory Run	-	-	-	-	-	-	53	21	0.031	-	-	-	N/A	N/A	N/A	N/A - Workspace
102114_JC_1003_E_MI	UNT to Black Creek	HQ-CWF, MF	III	-	26.5	41.08539312	-75.66181834	Kidder	Hickory Run	-	-	-	-	-	-	53	62	0.033	-	-	-	N/A	N/A	N/A	N/A - Workspace
102114_JC_1001_P_MI	UNT to Black Creek	HQ-CWF, MF	III	-	26.6	41.08397874	-75.6612452	Kidder	Hickory Run	53	7	0.009	34	7	0.005	109	120	0.097	47	116	0.078	DPX	FX	CD	Mat Bridge or equivalent
042415_JC_1006_E_MI - 1	UNT to Hawk Run	HQ-CWF, MF	I, III	-	30.4R2	41.04144655	-75.62687507	Kidder	Hickory Run	89	4	0.006	-	-	-	444	50	0.396	47	61	0.576	N/A	N/A	N/A	Mat Bridge or equivalent
042415_JC_1006_E_MI - 2	UNT to Hawk Run	HQ-CWF, MF	I, III	-	30.5R2	41.0403213	-75.62666963	Kidder	Hickory Run	189	4	0.016	128	4	0.009	-	-	-	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042415_JC_1004_P_MI	UNT to Laurel Run	HQ-CWF, MF	III	-	31.2R2	41.03053214	-75.62453504	Kidder	Blakeslee	175	12	0.042	56	17	0.010	-	-	-	-	-	-	DPX	FX	CD	Mat Bridge or equivalent
042415_JC_1002_P_IN - 1	UNT to Laurel Run	HQ-CWF, MF	III	-	31.2R2	41.0303929	-75.62456894	Kidder	Blakeslee	23	7	0.013	46	5	0.005	-	-	-	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042415_JC_1002_P_IN - 2	UNT to Laurel Run	HQ-CWF, MF	III	-	31.2R2	41.02999648	-75.62442255	Kidder	Blakeslee	50	14	0.018	32	16	0.011	-	-	-	-	-	-	DPX	FX	CD	Mat Bridge or equivalent
042415_JC_1005_D_MI	UNT to Laurel Run	HQ-CWF, MF	III	-	31.2R2	41.03033342	-75.62434035	Kidder	Blakeslee	37	4	0.003	-	-	-	-	-	-	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042415_JC_1003_I_MI	UNT to Laurel Run	HQ-CWF, MF	III	-	31.2R2	41.03104755	-75.62464401	Kidder	Blakeslee	-	-	-	-	-	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A - Workspace
110316_GM_1001_I_MI	UNT to Mud Run	HQ-CWF, MF	III	-	32.7R3	41.00977306	-75.61549613	Kidder	Blakeslee	-	-	-	-	-	-	41	12	0.013	9	1	0.001	N/A	N/A	N/A	N/A - Workspace
110316_GM_1003_I_MI	UNT to Mud Run	HQ-CWF, MF	III	-	32.8R3	41.00902719	-75.61530575	Kidder	Blakeslee	76	5	0.007	95	5	0.009	136	211	0.215	148	148	0.111	DPX	FX	DX-NF	Mat Bridge or equivalent
110316_GM_1004_I_MI	UNT to Mud Run	HQ-CWF, MF	III	-	32.9R3	41.00781304	-75.61490513	Kidder	Blakeslee	56	3	0.004	31	3	0.002	79	197	0.167	42	109	0.076	DPX	FX	DX-NF	Mat Bridge or equivalent
042115_JC_1001_P_IN	Mud Run	HQ-CWF, MF	III	TS	33.2R3	41.00280968	-75.61332127	Kidder And Penn Forest	Blakeslee	47	45	0.046	31	45	0.030	39	59	0.059	31	62	0.043	CD	CD	CD	Mat Bridge or equivalent
042115_JC_1002_P_MI	UNT to Mud Run	HQ-CWF, MF	III	-	33.2R3	41.00255351	-75.61324504	Penn Forest	Blakeslee	30	10	0.007	30	10	0.007	30	63	0.044	30	66	0.045	DPX	FX	CD	Mat Bridge or equivalent
042115_JC_1003_E_MI	UNT to Mud Run	HQ-CWF, MF	III	TSF	33.4R3	41.00029367	-75.61235559	Penn Forest	Blakeslee	-	-	-	-	-	-	9	5	0.028	125	30	0.132	N/A	N/A	N/A	N/A
042115_JC_1004_I_MI	UNT to Mud Run	HQ-CWF, MF	III	-	33.4R3	40.99939093	-75.61211595	Penn Forest	Pohopoco Mountain	99	14	0.023	151	14	0.037	279	625	0.308	95	681	0.441	DPX	FX	DX-NF	Mat Bridge or equivalent
042115_JC_1005_E_MI	UNT to Mud Run	HQ-CWF, MF	III	-	33.5R3	40.99892395	-75.61189452	Penn Forest	Pohopoco Mountain	50	4	0.004	16	4	0.001	102	145	0.037	-	-	-	DPX	FX	DX-NF	Mat Bridge or equivalent
042115_JC_1006_I_MI	UNT to Mud Run	HQ-CWF, MF	III	TSF	33.7R3	40.99614172	-75.61169748	Penn Forest	Pohopoco Mountain	-	-	-	-	-	-	18	4	0.002	-	-	-	N/A	N/A	N/A	N/A - Workspace
042315_JC_1001_I_MI	UNT to Stony Creek	EV, MF	III	-	34.7R2	40.98315491	-75.6200343	Penn Forest	Pohopoco Mountain	28	4	0.001	-	-	-	54	22	0.011	30	30	0.015	N/A	N/A	N/A	Mat Bridge or equivalent
042315_JC_1002_P_MI	UNT to Stony Creek	EV, MF	III	-	34.7R2	40.98207109	-75.62058891	Penn Forest	Pohopoco Mountain	72	6	0.009	55	6	0.006	120	40	0.036	86	44	0.029	DPX	FX	CD	Mat Bridge or equivalent
042315_JC_1003_P_IN	Stony Creek	EV, MF	III	-	34.8R3	40.98100735	-75.62124672	Penn Forest	Pohopoco Mountain	51	15	0.018	33	18	0.011	82	78	0.052	89	60	0.041	DPX	FX	CD	Mat Bridge or equivalent

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Watercourse ID and Crossing Number ¹	Watercourse Name	Ch 93 Designated/ Existing Use ²	Wild Trout ³	Stocked Trout ⁴	Milepost ⁵	Latitude	Longitude	Municipality ⁶	Quadrangle	Temporary Crossing Length (feet) ⁷	Temporary Crossing Width (feet) ⁸	Temporary Impact Area (acres) ⁹	Permanent Crossing Length (feet) ¹⁰	Permanent Crossing Width (feet) ¹¹	Permanent Impact Area (acres) ¹²	Temporary Crossing Length (feet) ⁷	Temporary Crossing Width (feet) ⁸	Temporary Impact Area (acres) ⁹	Permanent Crossing Length (feet) ¹⁰	Permanent Crossing Width (feet) ¹¹	Permanent Impact Area (acres) ¹²	Primary Pipeline Crossing Method ¹³	Secondary Pipeline Crossing Method ¹³	Tertiary Pipeline Crossing Method ¹³	Temporary Equipment Crossing
042315_JC_1003_I_IN	UNT to Stony Creek	EV, MF	III	-	34.8R3	40.9807841	-75.62150335	Penn Forest	Pohopoco Mountain	59	3	0.005	-	-	-	148	29	0.170	80	30	0.243	N/A	N/A	N/A	Mat Bridge or equivalent
060117_MB_1001_P_MI	Yellow Run	EV, MF	III	-	36.1	40.96247983	-75.62954863	Penn Forest	Christmans	59	66	0.044	42	25	0.019	55	75	0.070	40	86	0.057	DPX	FX	CD	Mat Bridge or equivalent
050615_JC_1002_I_MI	UNT to Yellow Run	EV, MF	III	-	36.5R3	40.95598192	-75.63070592	Penn Forest	Christmans	-	-	-	-	-	-	49	62	0.022	58	60	0.044	N/A	N/A	N/A	N/A - Workspace
010816_DB_1001_I_MI	UNT to Yellow Run	EV, MF	III	-	36.6R3	40.95572992	-75.63074778	Penn Forest	Christmans	-	-	-	-	-	-	58	10	0.009	77	30	0.012	N/A	N/A	N/A	N/A - Workspace
061615_DB_1001_I_MI	UNT to Wild Creek	EV, MF	I, III	-	37.5	40.94344399	-75.63461596	Penn Forest	Christmans	50	7	0.007	31	7	0.005	111	125	0.118	43	121	0.082	DPX	FX	DX-NF	Mat Bridge or equivalent
061615_DB_1002_P_IN	Wild Creek	EV, MF	I, III	-	38.3	40.93137326	-75.63439271	Penn Forest	Christmans	51	17	0.013	30	10	0.007	47	110	0.111	31	101	0.071	DPX	FX	CD	Mat Bridge or equivalent
040517_BT_1001_E_MI	UNT to White Oak Run	EV, MF	III	-	41	40.90315668	-75.60216392	Towamensing	Pohopoco Mountain	18	1	0.001	32	1	0.001	66	111	0.060	40	106	0.070	DPX	FX	DX-NF	Mat Bridge or equivalent
091516_GM_1002_E_MI	UNT to White Oak Run	EV, MF	III	-	41.1	40.90309264	-75.60088514	Towamensing	Pohopoco Mountain	49	4	0.004	34	4	0.002	52	122	0.115	32	108	0.074	DPX	FX	DX-NF	Mat Bridge or equivalent
012717_GM_1002_P_MI	UNT to White Oak Run	EV, MF	III	-	41.2	40.90303173	-75.59966925	Towamensing	Pohopoco Mountain	53	5	0.005	36	5	0.003	132	78	0.076	107	83	0.054	DPX	FX	CD	Mat Bridge or equivalent
012717_GM_1003_P_MI	UNT to White Oak Run	EV, MF	III	-	41.2	40.90294794	-75.5979968	Towamensing	Pohopoco Mountain	55	6	0.006	60	6	0.007	59	147	0.149	37	150	0.100	DPX	FX	CD	Mat Bridge or equivalent
020117_GM_1002_P_MI	UNT to White Oak Run	EV, MF	III	-	41.3	40.9028863	-75.59676693	Towamensing	Pohopoco Mountain	67	4	0.007	49	4	0.004	53	139	0.130	36	146	0.096	DPX	FX	CD	Mat Bridge or equivalent
020117_GM_1001_P_MI	White Oak Run	EV, MF	III	-	41.6	40.90079674	-75.59230477	Towamensing	Pohopoco Mountain	47	10	0.011	32	10	0.007	47	106	0.108	32	106	0.072	DPX	FX	CD	Mat Bridge or equivalent
061715_DB_1001_I_MI	UNT to Pohopoco Creek	CWF, MF	III	-	44.2R3	40.88102159	-75.54955655	Towamensing	Pohopoco Mountain	-	-	-	3	6	0.001	-	-	-	3	130	0.009	N/A	N/A	N/A	N/A
122215_DB_1001_P_MI	UNT to Pohopoco Creek	CWF, MF	III	-	44.3R3	40.88076393	-75.54916139	Towamensing	Pohopoco Mountain	-	-	-	3	8	0.001	-	-	-	3	127	0.009	HDD	HDD	HDD	N/A
041018_WA_1000_P_MI	UNT to Hunter Creek	HQ-CWF, MF	I, III	-	44.8R2	40.87431589	-75.54446724	Towamensing	Palmerton	48	6	0.007	31	6	0.004	184	311	0.269	81	97	0.070	DPX	FX	CD	Mat Bridge or equivalent
051115_JC_1002_P_MI	UNT to Hunter Creek	HQ-CWF, MF	I, III	-	45R2	40.87208566	-75.54173966	Towamensing	Palmerton	46	2	0.002	31	2	0.001	141	68	0.076	61	71	0.049	DPX	FX	CD	Mat Bridge or equivalent
051115_JC_1001_P_MI	UNT to Hunter Creek	HQ-CWF, MF	I, III	-	45.6	40.86557145	-75.53793699	Towamensing	Palmerton	70	2	0.002	49	2	0.002	144	119	0.116	95	104	0.070	DPX	FX	CD	Mat Bridge or equivalent
041018_WA_1002_I_MI	UNT to Hunter Creek	HQ-CWF, MF	I, III	-	46.1	40.86057443	-75.52951709	Towamensing	Palmerton	-	-	-	-	-	-	36	20	0.036	24	9	0.005	N/A	N/A	N/A	N/A - Workspace
041018_WA_1003_I_MI	UNT to Hunter Creek	HQ-CWF, MF	I, III	-	46.3	40.85831256	-75.52697553	Towamensing	Palmerton	16	3	0.001	21	3	0.001	74	100	0.057	30	100	0.070	DPX	FX	DX-NF	Mat Bridge or equivalent
090914_WA_1000_P_IM	Buckwha Creek	CWF, MF	III	TS	48.1	40.83739307	-75.50885047	Lower Towamensing	Palmerton	47	57	0.058	32	57	0.039	143	102	0.106	43	90	0.062	DPX	FX	CD	Mat Bridge or equivalent
041217_GM_1001_P_IN	Aquashicola Creek	HQ-CWF, MF	III	TS	49.3R3	40.82436738	-75.49925064	Lower Towamensing	Kunkletown	-	-	-	3	34	0.002	-	-	-	-	-	-	BX	BX	BX	N/A

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Watercourse ID and Crossing Number ¹	Watercourse Name	Ch 93 Designated/ Existing Use ²	Wild Trout ³	Stocked Trout ⁴	Milepost ⁵	Latitude	Longitude	Municipality ⁶	Quadrangle	Temporary Crossing Length	Temporary Crossing Width	Temporary Impact Area	Permanent Crossing Length	Permanent Crossing Width	Permanent Impact Area	Temporary Crossing Length	Temporary Crossing Width	Temporary Impact Area	Permanent Crossing Length	Permanent Crossing Width	Permanent Impact Area	Primary Pipeline Crossing Method ¹³	Secondary Pipeline Crossing Method ¹³	Tertiary Pipeline Crossing Method ¹³	Temporary Equipment Crossing
										(feet) ⁷	(feet) ⁸	(acres) ⁹	(feet) ¹⁰	(feet) ¹¹	(acres) ¹²	(feet) ⁷	(feet) ⁸	(acres) ⁹	(feet) ¹⁰	(feet) ¹¹	(acres) ¹²				
072618_WA_1010_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.6R3	40.82161263	-75.47998227	Lower Towamensing	Kunkletown	17	2	0.001	24	2	0.001	19	73	0.023	50	63	0.027	DPX	FX	DX-NF	Mat Bridge or equivalent
072618_WA_1009_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.6R3	40.82164916	-75.47976201	Lower Towamensing	Kunkletown	45	3	0.003	30	3	0.002	15	79	0.027	51	63	0.026	DPX	FX	DX-NF	Mat Bridge or equivalent
072618_WA_1007_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.6R3	40.82169259	-75.4795002	Lower Towamensing	Kunkletown	55	1	0.001	33	1	0.001	75	131	0.123	35	112	0.077	DPX	FX	DX-NF	Mat Bridge or equivalent
072618_WA_1008_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.6R3	40.82157153	-75.4802312	Lower Towamensing	Kunkletown	-	-	-	-	-	-	36	30	0.081	88	15	0.040	N/A	N/A	N/A	N/A - Workspace
072618_WA_1005_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.7R3	40.82193482	-75.47877867	Lower Towamensing	Kunkletown	14	2	0.001	-	-	-	36	30	0.056	43	23	0.019	N/A	N/A	N/A	Mat Bridge or equivalent
072618_WA_1004_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.7R3	40.82183695	-75.47864061	Lower Towamensing	Kunkletown	56	2	0.003	30	2	0.001	58	87	0.038	73	64	0.044	DPX	FX	DX-NF	Mat Bridge or equivalent
072618_WA_1003_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.7R3	40.82181503	-75.4785452	Lower Towamensing	Kunkletown	16	2	0.001	14	2	0.001	-	-	-	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
072618_WA_1001_P_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.7R3	40.82189377	-75.47830638	Lower Towamensing	Kunkletown	46	6	0.006	30	6	0.004	46	100	0.105	30	100	0.069	DPX	FX	CD	Mat Bridge or equivalent
072618_WA_1006_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.7R3	40.82202004	-75.47801916	Lower Towamensing	Kunkletown	-	-	-	-	-	-	30	30	0.039	33	5	0.006	N/A	N/A	N/A	N/A - Workspace
072618_WA_1002_I_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	50.7R3	40.82192733	-75.47810789	Lower Towamensing	Kunkletown	-	-	-	-	-	-	15	15	0.008	24	20	0.005	N/A	N/A	N/A	N/A - Workspace
Blue Mountain Lateral																									
041017_GM_1001_P_IN	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	0.5R3	40.8180678	-75.50466333	Lower Towamensing	Palmerton	19	5	0.002	-	-	-	139	146	0.167	27	108	0.074	N/A	N/A	N/A	Mat Bridge or equivalent
041017_GM_1001_P_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	0.5R3	40.81801209	-75.50475043	Lower Towamensing	Palmerton	42	5	0.003	8	5	0.001	-	-	-	-	-	-	FX	DPX	DX-NF	Mat Bridge or equivalent
041117_GM_1002_E_MI	UNT to Aquashicola Creek	HQ-CWF, MF	III	-	0.51R3	40.81793761	-75.50483264	Lower Towamensing	Palmerton	20	5	0.002	36	5	0.003	115	67	0.046	-	-	-	DPX	FX	DX-NF	Mat Bridge or equivalent
Kidder Compressor Station																									
082515_BT_1001_P_IM	UNT to Black Creek	HQ-CWF, MF	III	-	26.6	41.081999	-75.66775	Kidder	Hickory Run	-	-	-	126	12	0.035	-	-	-	126	90	0.255	N/A - Kidder Compressor Station Access Road	N/A	N/A	Permanent Culvert Installed
Access Roads																									
063017_GM_1001_I_MI	Lime Hollow	HQ-CWF, MF	III	-	24.4	41.10874046	-75.68619124	Kidder	Hickory Run	34	2	0.001	-	-	-	32	111	0.076	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
012617_GM_1002_P_MI	UNT to Black Creek	HQ-CWF, MF	III	-	25.1	41.099329	-75.683215	Kidder	Hickory Run	-	-	-	80	8	0.012	-	-	-	33	97	0.067	N/A	N/A	N/A	Culvert Replacement In Kind
TOTAL IMPACTS										2,224	386	0.423	1,668	390	0.310	3,863	4,447	4.116	2,345	4,023	3.616				

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										(feet) ⁷	(feet) ⁸	(acres) ⁹	(feet) ¹⁰	(feet) ¹¹	(acres) ¹²	(feet) ⁷	(feet) ⁸	(acres) ⁹	(feet) ¹⁰	(feet) ¹¹	(acres) ¹²				

Notes:

1. In instances where a watercourse is crossed by the proposed pipeline or workspace multiple times, crossing numbers (e.g. “-1”, “-2”) have been added to the Watercourse ID.

Watercourse ID Key: P = perennial, I = intermittent, E = ephemeral, MA = major, IN = intermediate, MI = minor, C = canal, D = ditch

2. Sources: PADEP Streams Chapter 93 Existing Use, dated 3/2019 and PADEP Streams Chapter 93 Designated Use, dated 3/2019. If a stream has an existing use, the designated use has been replaced with that value. Available at www.pasda.psu.edu.

3. Sources: PFBC Stream Sections that Support Wild Trout Production, dated 7/2019 and PFBC Class A Wild Trout Streams, dated 7/2019. Available at www.pasda.psu.edu. I = Class A Trout Water, II = Wilderness Trout Stream, III = Naturally Reproducing Trout Stream.

4. Sources: PASDA Stocked Trout Waters (Flowing Waters), dated 2019 and PASDA Trout Stocked Streams, dated 2019. Available at www.pasda.psu.edu.

5. All route deviations implemented after the FERC Certificate Application are denoted with an "R" and indicate a MP equation. MPs with an "R1" indicate route deviations implemented and provided to FERC prior to the issuance of the DEIS. MPs with an "R2" indicate route deviations implemented as part of the September 2016 Route Update. MPs with an "R3" indicate route deviations implemented post-FERC Certificate issuance. All MPs without an "R" indicate that the route has not changed since the Certificate Application.

6. Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at www.pasda.psu.edu.

7. Temporary crossing lengths are measured within the temporary workspace parallel to the pipeline or along the access road centerline. A “-” denotes there are no impacts to the watercourse or floodway, as applicable, within the temporary workspace.

8. Temporary crossing widths are measured within the temporary workspace perpendicular to the pipeline or the access road centerline. A “-” denotes there are no impacts to the watercourse or floodway, as applicable, within the temporary workspace.

9. Temporary impact acres are measured within the temporary workspace and additional temporary workspace; the measurement does not include acreages impacted within the permanent ROW. A “-” denotes no impacts to the watercourse or floodway, as applicable.

10. Permanent crossing lengths are measured along the pipeline centerline, as applicable. In instance where the pipeline does not cross a watercourse or floodway, the permanent crossing length was measured along the edge of the permanent ROW or at the crossing location of a new or replacement culvert. A “-” denotes there are no impacts to the watercourse or floodway, as applicable, within the permanent ROW.

11. Permanent crossing widths are measured within the permanent ROW perpendicular to the pipeline. A “-” denotes there are no impacts to the watercourse or floodway, as applicable, within the permanent ROW.

12. Permanent impact acres are measured within the permanent ROW, within an aboveground facility footprint, or represents a culvert installation or replacement. For HDDs and bores, the permanent impact is calculated as the length of the crossing times the pipe diameter. A “-” denotes no impacts to the watercourse or floodway, as applicable.

13. Crossing Type Key for Watercourse Channels:

- BX = Conventional Bore Crossing
- CD = Cofferdam Crossing
- DPX = Dam-and-Pump Crossing
- DX-NF = Dry Crossing If No Flow
- FX = Flume Crossing
- HDD = HDD Crossing
- N/A = Not Applicable