

Aquatic Resources Impact Table
Riverine Resources
Luzerne 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 (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	
PennEast Mainline Pipeline																										
092414_GO_1001_P_IM	Trout Brook	CWF, MF	III	-	0.6	41.346538	-75.935305	Dallas	Kingston	45	8	0.006	30	6	0.004	35	85	0.079	32	92	0.062	BX	BX	BX	Mat Bridge or equivalent	
032818_WA_1000_P_IN	UNT to Trout Brook	CWF, MF	III	-	1.4	41.34144814	-75.9218986	Kingston	Kingston	57	36	0.023	43	22	0.015	50	50	0.036	41	56	0.035	DPX	FX	CD	Mat Bridge or equivalent	
050416_DB_1001_I_MI	UNT to Abrahams Creek	CWF, MF	-	-	2.1	41.33771877	-75.9105929	Kingston	Kingston	47	4	0.003	31	4	0.002	145	64	0.050	93	54	0.038	DPX	FX	DX-NF	Mat Bridge or equivalent	
011815_JC_1000_I_MI	UNT to Abrahams Creek	CWF, MF	-	-	2.6	41.332003	-75.90478369	Kingston	Kingston	60	7	0.009	31	7	0.005	56	136	0.134	42	120	0.082	DPX	FX	DX-NF	Mat Bridge or equivalent	
011815_JC_1001_P_MI	UNT to Toby Creek	CWF, MF	III	-	3.1	41.32587237	-75.89949525	Kingston	Kingston	61	8	0.008	41	8	0.006	129	135	0.081	101	65	0.050	DPX	FX	CD	Mat Bridge or equivalent	
011815_JC_1002_I_MI	UNT to Toby Creek	CWF, MF	III	-	3.1	41.32564109	-75.89926314	Kingston	Kingston	48	6	0.006	38	6	0.004	24	106	0.034	93	6	0.013	DPX	FX	DX-NF	Mat Bridge or equivalent	
101717_AB_1001_I_MI	UNT to Toby Creek	CWF, MF	III	-	3.5	41.32274032	-75.89291537	Kingston	Kingston	46	6	0.006	30	6	0.003	46	103	0.105	30	100	0.070	DPX	FX	DX-NF	Mat Bridge or equivalent	
020916_BT_1001_I_MI	UNT to Abrahams Creek	CWF, MF	III	-	4.3R2	41.32280018	-75.87946297	West Wyoming	Kingston	47	2	0.001	47	2	0.001	126	194	0.171	34	133	0.091	DPX	FX	DX-NF	Mat Bridge or equivalent	
020916_BT_1003_P_MI	UNT to Abrahams Creek	CWF, MF	III	-	4.3R2	41.32234264	-75.87833139	West Wyoming	Kingston	18	4	0.001	24	4	0.002	54	150	0.121	37	117	0.082	DPX	FX	CD	Mat Bridge or equivalent	
020916_BT_1004_I_MI	UNT to Abrahams Creek	CWF, MF	III	-	4.9R3	41.31571414	-75.87118812	West Wyoming	Pittston	-	-	-	-	-	-	20	15	0.114	167	30	0.166	N/A	N/A	N/A	N/A - Workspace	
020916_BT_1006_I_MI	UNT to Abrahams Creek	CWF, MF	III	-	5.1	41.31375974	-75.86977482	West Wyoming	Pittston	21	5	0.001	11	4	0.001	33	45	0.013	37	13	0.011	N/A	N/A	N/A	Mat Bridge or equivalent	
020916_BT_1007_I_MI	UNT to Abrahams Creek	CWF, MF	III	-	5.1	41.31374842	-75.86968156	West Wyoming	Pittston	46	7	0.007	31	7	0.004	63	137	0.120	36	107	0.072	DPX	FX	DX-NF	Mat Bridge or equivalent	
092314_GO_1001_I_MI	UNT to Abrahams Creek	CWF, MF	-	-	6	41.30814292	-75.85394472	West Wyoming	Pittston	33	5	0.002	27	5	0.001	34	27	0.007	64	18	0.007	DPX	FX	DX-NF	Mat Bridge or equivalent	
092414_GO_1002_I_IN	Abrahams Creek	CWF, MF	-	-	6.1	41.30721866	-75.85258489	Wyoming	Pittston	45	18	0.018	31	19	0.012	52	104	0.102	31	103	0.071	DPX	FX	DX-NF	Mat Bridge or equivalent	
092414_GO_1003_P_IM	UNT to Susquehanna River	CWF, MF	-	-	6.2R2	41.3058646	-75.850449	Wyoming	Pittston	49	12	0.012	33	13	0.008	93	264	0.595	32	250	0.171	DPX	FX	CD	Mat Bridge or equivalent	
102315_WA_1001_P_MA (1) - 1	Susquehanna River	WWF, MF	-	-	6.9	41.30142736	-75.83920625	Wyoming	Pittston	288	618	3.392	31	534	0.366	550	3,488	17.432	50	2,824	1.945	CD	CD	CD	N/A	
102315_WA_1001_P_MA (1) - 2	Susquehanna River	WWF, MF	-	-	7.2	41.29931751	-75.83633512	Jenkins	Pittston	274	472	2.856	30	457	0.313	-	-	-	-	-	-	CD	CD	CD	N/A	
102315_WA_1001_P_MA (2) - 1	Susquehanna River (Diversion Dam)	WWF, MF	-	-	7	41.30289642	-75.83435395	Wyoming	Pittston	260	349	1.957	-	-	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	
102315_WA_1001_P_MA (2) - 2	Susquehanna River (Diversion Dam)	WWF, MF	-	-	7.1	41.30145107	-75.83277248	Jenkins And Wyoming	Pittston	258	679	3.786	-	-	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	
071416_GM_1001_P_IN	Gardner Creek	CWF, MF	-	-	9.7R2	41.27979807	-75.81184911	Plains	Pittston	49	33	0.023	33	27	0.017	48	36	0.032	34	34	0.023	DPX	FX	CD	Mat Bridge or equivalent	
050416_DB_1002_I_MI	UNT to Mill Creek	CWF, MF	III	-	10.1R2	41.27511383	-75.80925592	Plains	Pittston	423	4	0.029	34	4	0.002	368	456	0.751	42	456	0.313	DPX	FX	DX-NF	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
110514_JC_1002_P_IM	Mill Creek	CWF, MF	III	-	10.8R2	41.26672452	-75.80021205	Plains	Pittston	46	30	0.029	31	28	0.019	47	74	0.066	32	68	0.047	DPX	FX	CD	Mat Bridge or equivalent
121614_JC_1000_P_MI	Deep Creek	CWF, MF	III	-	11.5R2	41.26132227	-75.79125631	Plains	Pittston	31	9	0.005	31	9	0.006	47	45	0.037	33	49	0.031	DPX	FX	CD	Mat Bridge or equivalent
121614_JC_1001_E_MI	UNT to Deep Creek	CWF, MF	III	-	11.5R2	41.26050226	-75.78974231	Plains	Pittston	39	4	0.003	46	6	0.003	64	145	0.143	39	135	0.095	DPX	FX	DX-NF	Mat Bridge or equivalent
121514_JC_1001_E_MI	UNT to Mill Creek	CWF, MF	III	-	12.4R2	41.25175021	-75.77869714	Bear Creek	Pittston	47	3	0.002	31	3	0.002	56	102	0.105	31	102	0.070	DPX	FX	DX-NF	Mat Bridge or equivalent
121814_JC_1010_P_MI	UNT to Mill Creek	CWF, MF	III	-	13	41.24971855	-75.77410794	Bear Creek	Wilkes-Barre East	48	10	0.009	31	10	0.006	57	108	0.093	31	104	0.072	BX	BX	BX	Mat Bridge or equivalent
121814_JC_1011_P_MI	UNT to Mill Creek	CWF, MF	III	-	13.1	41.24949031	-75.77336146	Bear Creek	Wilkes-Barre East	49	11	0.009	32	10	0.006	78	116	0.114	35	109	0.076	DPX	FX	CD	Mat Bridge or equivalent
121814_JC_1013_E_MI	UNT to Mill Creek	CWF, MF	-	-	13.2	41.24903886	-75.77192845	Bear Creek	Wilkes-Barre East	45	2	0.002	31	2	0.001	91	104	0.082	58	104	0.070	DPX	FX	DX-NF	Mat Bridge or equivalent
121814_JC_1012_E_MI	UNT to Mill Creek	CWF, MF	III	-	13.2	41.2483978	-75.77057925	Bear Creek	Wilkes-Barre East	-	-	-	3	2	0.001	-	-	-	3	100	0.007	BX	BX	BX	N/A
121814_JC_1007_E_MI	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24799871	-75.77025569	Bear Creek	Wilkes-Barre East	-	-	-	3	10	0.001	-	-	-	3	100	0.007	BX	BX	BX	N/A
121814_JC_1008_P_MI - 1	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24769582	-75.77001014	Bear Creek	Wilkes-Barre East	28	4	0.002	30	4	0.002	68	112	0.098	31	100	0.069	DPX	FX	CD	Mat Bridge or equivalent
121814_JC_1005_P_MI	UNT to Mill Creek	CWF, MF	III	-	13.6	41.24410049	-75.76751741	Bear Creek	Wilkes-Barre East	53	7	0.008	32	7	0.004	51	116	0.117	35	104	0.074	DPX	FX	CD	Mat Bridge or equivalent
121814_JC_1006_I_MI	UNT to Mill Creek	CWF, MF	III	-	13.6	41.24403529	-75.76743521	Bear Creek	Wilkes-Barre East	32	5	0.003	23	5	0.002	47	31	0.024	32	26	0.018	DPX	FX	DX-NF	Mat Bridge or equivalent
121814_JC_1004_I_MI	UNT to Mill Creek	CWF, MF	III	-	13.7	41.24313645	-75.76630205	Bear Creek	Wilkes-Barre East	47	4	0.004	31	4	0.003	47	114	0.108	32	104	0.072	DPX	FX	DX-NF	Mat Bridge or equivalent
121814_JC_1003_I_MI	UNT to Mill Creek	CWF, MF	III	-	13.8	41.24166818	-75.76433576	Bear Creek	Wilkes-Barre East	78	6	0.011	11	6	0.001	64	154	0.113	39	19	0.073	N/A	N/A	N/A	Mat Bridge or equivalent
121814_JC_1002_P_MI	UNT to Mill Creek	CWF, MF	III	-	13.9	41.24112842	-75.76377199	Bear Creek	Wilkes-Barre East	48	7	0.007	32	7	0.004	53	120	0.115	32	108	0.074	DPX	FX	CD	Mat Bridge or equivalent
121814_JC_1001_P_MI	UNT to Mill Creek	CWF, MF	III	-	13.9	41.24052571	-75.76301263	Bear Creek	Wilkes-Barre East	89	14	0.013	68	13	0.009	84	203	0.195	48	196	0.135	DPX	FX	CD	Mat Bridge or equivalent
121814_JC_1000_I_MI	UNT to Mill Creek	CWF, MF	III	-	14	41.2399107	-75.76234347	Bear Creek	Wilkes-Barre East	-	-	-	-	-	-	40	15	0.093	121	7	0.023	N/A	N/A	N/A	N/A - Workspace
111014_JC_1001_E_MI	UNT to Mill Creek	CWF, MF	III	-	14.1	41.23851986	-75.76049523	Bear Creek	Wilkes-Barre East	71	3	0.004	51	3	0.004	79	138	0.128	52	159	0.108	DPX	FX	DX-NF	Mat Bridge or equivalent
041017_NJ_1002_I_MI	UNT to Little Bear Creek	HQ-CWF, MF	III	-	14.7	41.23217955	-75.7525264	Bear Creek	Wilkes-Barre East	48	2	0.003	31	2	0.001	178	125	0.106	112	78	0.052	DPX	FX	DX-NF	Mat Bridge or equivalent
043015_JC_1001_I_MI	UNT to Little Bear Creek	HQ-CWF, MF	III	-	15	41.22962944	-75.74933352	Bear Creek	Pleasant View Summit	15	7	0.003	25	7	0.003	41	30	0.011	123	68	0.034	DPX	FX	DX-NF	Mat Bridge or equivalent
112114_JC_1003_P_IM - 1	UNT to Bear Creek	HQ-CWF, MF	-	-	16.2	41.21733903	-75.73355023	Bear Creek	Pleasant View Summit	48	71	0.064	31	65	0.044	132	52	0.053	62	40	0.027	DPX	FX	CD	Mat Bridge or equivalent
112114_JC_1002_P_MI	Bear Creek	HQ-CWF, MF	-	-	16.2	41.21702966	-75.73305545	Bear Creek	Pleasant View Summit	56	12	0.013	35	12	0.008	-	-	-	3	35	0.002	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		
112114_JC_1001_P_MI - 1	UNT to Bear Creek	HQ-CWF, MF	-	-	16.4	41.21543588	-75.73053823	Bear Creek	Pleasant View Summit	50	7	0.007	35	7	0.004	180	75	0.051	92	51	0.038	DPX	FX	CD	Mat Bridge or equivalent		
112014_JC_1003_P_IM - 1	Meadow Run	HQ-CWF, MF	-	-	16.7	41.21253185	-75.72593129	Bear Creek	Pleasant View Summit	47	41	0.042	32	38	0.026	78	17	0.015	31	17	0.011	DPX	FX	CD	Mat Bridge or equivalent		
112014_JC_1002_P_MI	UNT Meadow Run	HQ-CWF, MF	-	-	16.9	41.21073463	-75.7230669	Bear Creek	Pleasant View Summit	86	2	0.004	27	2	0.001	233	138	0.118	93	44	0.034	DPX	FX	CD	Mat Bridge or equivalent		
112014_JC_1001_P_MI	UNT to Little Shades Creek	HQ-CWF, MF	III	-	17.7	41.20266871	-75.71110759	Bear Creek	Pleasant View Summit	48	4	0.004	26	4	0.002	64	14	0.002	-	-	-	DPX	FX	CD	Mat Bridge or equivalent		
111914_JC_1002_P_IM	Little Shades Creek	HQ-CWF, MF	III	-	18.3	41.19689597	-75.70208654	Bear Creek	Pleasant View Summit	58	106	0.090	30	106	0.073	45	146	0.115	30	100	0.069	DPX	FX	CD	Mat Bridge or equivalent		
111914_JC_1001_P_IM	UNT to Little Shades Creek	HQ-CWF, MF	III	-	18.4	41.19639445	-75.70151609	Bear Creek	Pleasant View Summit	52	13	0.013	-	-	-	56	110	0.080	42	50	0.033	N/A	N/A	N/A	Mat Bridge or equivalent		
121814_JC_1014_E_MI	UNT to Little Shades Creek	HQ-CWF, MF	III	-	19	41.18866318	-75.69724301	Bear Creek	Pleasant View Summit	-	-	-	-	-	-	21	15	0.085	136	29	0.111	N/A	N/A	N/A	N/A - Workspace		
121814_JC_1014_I_MI	UNT to Little Shades Creek	HQ-CWF, MF	III	-	19	41.18812885	-75.6972167	Bear Creek	Pleasant View Summit	-	-	-	-	-	-	39	15	0.085	90	30	0.103	N/A	N/A	N/A	N/A - Workspace		
121614_JC_1009_P_IM	Shades Creek	HQ-CWF, MF	I, III	-	19.6	41.17958101	-75.69661655	Bear Creek	Pleasant View Summit	48	32	0.030	33	26	0.018	104	34	0.016	70	12	0.007	DPX	FX	CD	Mat Bridge or equivalent		
121714_JC_1001_E_MI	UNT to Shades Creek	HQ-CWF, MF	I, III	-	20	41.17355707	-75.69636427	Bear Creek	Pleasant View Summit	39	9	0.006	45	9	0.007	105	139	0.076	52	120	0.083	DPX	FX	DX-NF	Mat Bridge or equivalent		
121614_JC_1007_P_MI	UNT to Shades Creek	HQ-CWF, MF	I, III	-	20	41.17371037	-75.69646338	Bear Creek	Pleasant View Summit	-	-	-	-	-	-	52	15	0.021	10	1	0.001	N/A	N/A	N/A	N/A - Workspace		
121614_JC_1006_P_MI	UNT to Shades Creek	HQ-CWF, MF	I, III	-	20.1	41.17241029	-75.69627202	Bear Creek	Pleasant View Summit	129	14	0.021	57	14	0.009	94	242	0.215	63	252	0.172	DPX	FX	CD	Mat Bridge or equivalent		
121614_JC_1004_I_MI	UNT to Stony Run	HQ-CWF, MF	III	-	21.2	41.1574171	-75.69390347	Bear Creek	Pleasant View Summit	30	5	0.003	35	5	0.003	54	108	0.089	39	84	0.058	DPX	FX	DX-NF	Mat Bridge or equivalent		
102115_WA_002_E_MI	UNT Stony Run	HQ-CWF, MF	III	-	22.5	41.13769032	-75.6899844	Bear Creek	Pleasant View Summit	-	-	-	-	-	-	64	19	0.032	140	30	0.115	N/A	N/A	N/A	N/A - Workspace		
102115_WA_001_E_MI	UNT Stony Run	HQ-CWF, MF	III	-	22.6	41.13707998	-75.68981497	Bear Creek	Pleasant View Summit	-	-	-	-	-	-	51	30	0.030	114	30	0.086	N/A	N/A	N/A	N/A - Workspace		
050615_JC_1001_P_IM	Stony Run	HQ-CWF, MF	III	-	22.7	41.13618557	-75.68956668	Bear Creek	Pleasant View Summit	49	26	0.023	33	26	0.017	57	79	0.080	32	72	0.051	DPX	FX	CD	Mat Bridge or equivalent		
102115_WA_001_I_MI	UNT Stony Run	HQ-CWF, MF	III	-	22.7	41.13582171	-75.68954228	Bear Creek	Pleasant View Summit	-	-	-	-	-	-	35	15	0.043	49	8	0.011	N/A	N/A	N/A	N/A - Workspace		
Access Roads																											
121814_JC_1008_P_MI - 2	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24779609	-75.76986956	Bear Creek	Wilkes-Barre East	60	3	0.004	-	-	-	68	117	0.110	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent		
081215_MK_013_I_MI	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24835519	-75.76870965	Bear Creek	Wilkes-Barre East	90	41	0.010	-	-	-	51	126	0.102	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent		
081215_MK_014_P_IM	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24838457	-75.76853219	Bear Creek	Wilkes-Barre East	30	12	0.009	-	-	-	31	26	0.018	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent		
081215_MK_015_I_MI	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24862004	-75.76800721	Bear Creek	Wilkes-Barre East	36	4	0.002	-	-	-	35	130	0.088	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent		

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081215_MK_016_E_MI	UNT to Mill Creek	CWF, MF	III	-	13.3	41.24889616	-75.76765728	Bear Creek	Wilkes-Barre East	34	2	0.002	-	-	-	36	113	0.075	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
081215_MK_017_P_IM	UNT to Mill Creek	CWF, MF	III	-	13.3	41.252726	-75.76666703	Bear Creek	Pittston	-	-	-	77	12	0.015	-	-	-	45	99	0.040	N/A	N/A	N/A	Culvert Replacement In Kind
041717_WA_1001_E_MI	UNT to Mill Creek	CWF, MF	III	-	14	41.25404042	-75.74209678	Bear Creek	Avoca	27	1	0.001	-	-	-	16	61	0.056	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
112114_JC_1003_P_IM - 2	UNT to Bear Creek	HQ-CWF, MF	-	-	16.1	41.21788246	-75.73338699	Bear Creek	Pleasant View Summit	30	32	0.022	-	-	-	132	90	0.062	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
112114_JC_1001_P_MI - 2	UNT to Bear Creek	HQ-CWF, MF	-	-	16.4	41.21568947	-75.7296577	Bear Creek	Pleasant View Summit	31	6	0.004	-	-	-	180	27	0.019	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
112014_JC_1003_P_IM - 2	Meadow Run	HQ-CWF, MF	-	-	16.7	41.21276766	-75.72532283	Bear Creek	Pleasant View Summit	32	13	0.009	-	-	-	78	31	0.021	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042017_MK_1002_P_MI	UNT to Stony Run	HQ-CWF, MF	III	-	22.5	41.13895063	-75.68956662	Bear Creek	Pleasant View Summit	31	6	0.003	-	-	-	46	152	0.103	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042517_GM_1001_P_IN	Stony Run	HQ-CWF, MF	III	-	22.5	41.13830633	-75.68580585	Bear Creek	Pleasant View Summit	33	21	0.015	-	-	-	34	62	0.042	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042517_GM_1002_I_MI	UNT to Stony Run	HQ-CWF, MF	III	-	22.7	41.13643523	-75.68765795	Bear Creek	Pleasant View Summit	54	4	0.004	-	-	-	31	122	0.086	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
042517_GM_1003_P_MI	UNT to Lehigh River	HQ-CWF, MF	III	-	22.8	41.13467168	-75.68091385	Buck	Pleasant View Summit	32	3	0.002	-	-	-	81	185	0.116	-	-	-	N/A	N/A	N/A	Mat Bridge or equivalent
TOTAL IMPACTS										4,249	2,901	12.67	1,645	1,599	1.071	5,401	9,952	23.829	3,111	7,522	5.561				

- Notes:
- 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
 - 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.
 - 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.
 - Sources: PASDA Stocked Trout Waters (Flowing Waters), dated 2019 and PASDA Trout Stocked Streams, dated 2019. Available at www.pasda.psu.edu.
 - 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.
 - Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at www.pasda.psu.edu.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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