

**Waterbodies Crossed by the PennEast Project within the Delaware River Basin in New Jersey – Delineated and Desktop Review**

Line	MP	County	Lat. <sub>1</sub>	Long. <sub>1</sub>	Waterbody Name <sub>2</sub>	Waterbody ID <sub>3</sub>	FERC Class <sub>4</sub>	Water Type <sub>5</sub>	Stream Type <sub>6</sub>	NJDEP Water Quality Class <sub>7</sub>	Regulated Rip. Zone <sub>8</sub>	Crossing Width (ft.) <sub>9</sub>	Perm. ROW (ft. <sup>2</sup> )	Const. ROW (ft. <sup>2</sup> )	Instream Const. Period <sub>10</sub>	Crossing Method <sub>11</sub>	Alignment
PennEast Mainline	77.5	Hunterdon	40.58381352	-75.19214167	Delaware River UNT	NJ-NHD-131	Minor	RPW	P	FW2-NT	50	9	71.	0	7/1-9/30	Dry Crossing	000-03-01-160
PennEast Mainline	79.8	Hunterdon	40.57292764	-75.15603781	Delaware River UNT	NJ-NHD-216	Minor	RPW	P	FW2-NT	50	5	253	130	7/1-9/30	Dry Crossing	**
PennEast Mainline	80.0	Hunterdon	40.57345517	-75.15320753	Delaware River UNT	NJ-NHD-218	Minor	RPW	P	FW2-NT	50	5	256	134	7/1-9/30	Dry Crossing	**
PennEast Mainline	80.2	Hunterdon	40.57485738	-75.14937676	Delaware River UNT	NJ-NHD-220	Minor	UNK	P	FW2-NT	50	5	255	138	7/1-9/30	Dry Crossing	**
PennEast Mainline	80.5	Hunterdon	40.57661608	-75.14372781	Delaware River UNT	NJ-NHD-219	Minor	UNK	P	FW2-NT	50	9	362	186	7/1-9/30	Dry Crossing	**
PennEast Mainline	80.6	Hunterdon	40.576905	-75.14275316	Delaware River UNT	NJ-NHD-132	Minor	RPW	P	FW2-NT	50	10	177	50	7/1-9/30	Dry Crossing	000-03-01-162
PennEast Mainline	80.6	Hunterdon	40.57683944	-75.1428928	Delaware River UNT	NJ-NHD-133	Minor	RPW	P	FW2-NT	50	5	80	27	7/1-9/30	Dry Crossing	000-03-01-162
PennEast Mainline	80.6	Hunterdon	40.57702039	-75.14293634	Delaware River UNT	NJ-NHD-134	Minor	RPW	P	FW2-NT	50	5	188	108	7/1-9/30	Dry Crossing	000-03-01-163
PennEast Mainline	80.9	Hunterdon	40.57895076	-75.1371057	Delaware River UNT	081215_JFL_1001_P_MI	Minor	RPW	P	FW2-NT	50	6	307	172	7/1-9/30	Dry Crossing	**
PennEast Mainline	81.3	Hunterdon	40.58170354	-75.13100388	Delaware River UNT	081215_SAB_1004_E_MI	Minor	NRPW	E	FW2-NT	300	5	249	125	7/1-9/30	Dry Crossing	**
PennEast Mainline	81.8	Hunterdon	40.5810491	-75.12236986	Spring Mills Brook UNT	052015_JC_1001_E_MI	Minor	NRPW	E	FW2-TPC1	300	4	207	89	6/1 - 9/15	Dry Crossing	000-03-01-165
PennEast Mainline	82.1	Hunterdon	40.58084607	-75.11753989	Spring Mills Brook	S-SUR-139	Minor	RPW	P	FW2-TPC1	300	4	215	107	6/1 - 9/15	Dry Crossing	000-03-01-165
PennEast Mainline	82.2	Hunterdon	40.58106407	-75.11553446	Spring Mills Brook	NJ-NHD-138	Intermediate	RPW	P	FW2-TPC1	300	8	421	238	6/1 - 9/15	Dry Crossing	000-03-01-165
PennEast Mainline	82.5	Hunterdon	40.5821722	-75.10929488	Spring Mills Brook UNT	NJ-NHD-140	Intermediate	RPW	P	FW2-TPC1	300	7	342	170	6/1 - 9/15	Dry Crossing	000-03-01-166
PennEast Mainline	82.5	Hunterdon	40.58208224	-75.10977316	Hakihokake Creek	NJ-NHD-008	Intermediate	RPW	P	FW2-TPC1	300	11	288	132	6/1 - 9/15	Bore	000-03-01-167
PennEast Mainline	82.9	Hunterdon	40.58225322	-75.10214318	Hakihokake Creek UNT	NJ-NHD-142	Minor	RPW	P	FW2-TPC1	300	12	298.2	154	6/1 - 9/15	Dry Crossing	000-03-01-168
PennEast Mainline	83.3	Hunterdon	40.58216241	-75.09371317	Delaware River UNT	S-SUR-144	Minor	RPW	P	FW2-NT	50	45	2260	1070	7/1-9/30	Dry Crossing	000-03-01-169
PennEast Mainline	84.0	Hunterdon	40.58145432	-75.08138279	Delaware River UNT	NJ-NHD-225	Minor	RPW	P	FW2-NT	50	5	250	127	7/1-9/30	Dry Crossing	**
PennEast Mainline	84.6	Hunterdon	40.57586582	-75.07395292	Harihokake Creek UNT	NJ-NHD-232	Minor	RPW	P	FW2-TMC1	300	7	643	191	6/16- 9/30	Dry Crossing	**
PennEast Mainline	85.0	Hunterdon	40.57459483	-75.06893135	Harihokake Creek	NJ-NHD-034	Intermediate	RPW	P	FW2-TMC1	300	5	255	151	6/16- 9/30	Dry Crossing	**
PennEast Mainline	85.5	Hunterdon	40.57183931	-75.06023147	Harihokake Creek UNT	NJ-NHD-245	Minor	RPW	P	FW2-TMC1	300	6	321	149	6/16- 9/30	Dry Crossing	**
PennEast Mainline	85.8	Hunterdon	40.5699698	-75.05677773	Harihokake Creek UNT	091014_WA_1004_I_MI	Minor	RPW	I	FW2-TMC1	300	92	4590	1964	6/16- 9/30	Dry Crossing	000-03-01-172
PennEast Mainline	85.9	Hunterdon	40.56739706	-75.05632558	Harihokake Creek UNT	091014_WA_1015_E_MI	Minor	NRPW	E	FW2-TMC1	300	5	283	140	6/16- 9/30	Dry Crossing	000-03-01-172
PennEast Mainline	86.8	Hunterdon	40.55754062	-75.06182235	Harihokake Creek UNT	NJ-NHD-037	Intermediate	RPW	P	FW2-TMC1	300	7	342	186	6/16- 9/30	Dry Crossing	**
PennEast Mainline	86.8	Hunterdon	40.55647408	-75.06176419	Harihokake Creek	NJ-NHD-043	Intermediate	UNK	P	FW2-TMC1	300	13	583	278	6/16-9/30	Dry Crossing	**
PennEast Mainline	86.5	Hunterdon	40.56140671	-75.05977932	Delaware River UNT	NJ-NHD-154	Minor	RPW	P	FW2-NT	50	66	3300	1716	7/1-9/30	Dry Crossing	000-03-01-175
PennEast Mainline	87.6	Hunterdon	40.54617348	-75.05971921	Nishisakawick Creek	091114_WA_1001_P_IM	Intermediate	RPW	P	FW2-NTC1	300	58	2891	1429	6/16- 9/30	Bore	000-03-01-176
PennEast Mainline	88.0	Hunterdon	40.54118255	-75.05672214	Nishisakawick Creek UNT	051515_SQ_1002_P_IN	Intermediate	RPW	P	FW2-NTC1	300	13	572	289	7/1-9/30	Dry Crossing	000-03-01-176
PennEast Mainline	88.5	Hunterdon	40.53629702	-75.04897179	Little Nishisakawick Creek	NJ-NHD-014	Intermediate	RPW	P	FW2-NTC1	300	59	2883	1416	7/1-9/30	Dry Crossing	000-03-01-177
PennEast Mainline	88.7	Hunterdon	40.53453861	-75.04721402	Little Nishisakawick Creek UNT	091114_WA_1008_E_MI	Minor	NRPW	E	FW2-NTC1	300	81	4219	1789	7/1-9/30	Dry Crossing	000-03-01-177
PennEast Mainline	89.2	Hunterdon	40.52796219	-75.04190862	Little Nishisakawick Creek UNT	091114_WA_1004_I_MI	Minor	RPW	I	FW2-NTC1	300	22	1092	532	7/1-9/30	Dry Crossing	000-03-01-178

Line	MP	County	Lat. <sub>1</sub>	Long. <sub>1</sub>	Waterbody Name <sub>2</sub>	Waterbody ID <sub>3</sub>	FERC Class <sub>4</sub>	Water Type <sub>5</sub>	Stream Type <sub>6</sub>	NJDEP Water Quality Class <sub>7</sub>	Regulated Rip. Zone <sub>8</sub>	Crossing Width (ft.) <sub>9</sub>	Perm. ROW (ft. <sup>2</sup> )	Const. ROW (ft. <sup>2</sup> )	Instream Const. Period <sub>10</sub>	Crossing Method <sub>11</sub>	Alignment
PennEast Mainline	89.3	Hunterdon	40.52710342	-75.04149893	Little Nishisakawick Creek UNT	091114_WA_1003_I_MI	Minor	RPW	I	FW2-NTC1	300	1	58	20	7/1-9/30	Dry Crossing	000-03-01-178
PennEast Mainline	89.6	Hunterdon	40.5228308	-75.04021068	Little Nishisakawick Creek UNT	S-SUR-158	Minor	RPW	P	FW2-NTC1	300	10	500	263	7/1-9/30	Dry Crossing	000-03-01-178
PennEast Mainline	89.6	Hunterdon	40.52258533	-75.04013137	Copper Creek UNT	NJ-NHD-159	Intermediate	RPW	P	FW2-NT	50	5	252	127	7/1-9/30	Dry Crossing	000-03-01-180
PennEast Mainline	89.7	Hunterdon	40.52103539	-75.03963164	Copper Creek	NJ-NHD-044	Intermediate	RPW	P	FW2-NT	50	9	448	209	7/1-9/30	Dry Crossing	**
PennEast Mainline	90.4	Hunterdon	40.51171031	-75.03879743	Copper Creek UNT	NJ-SWQS-01	Minor	RPW	P	FW2-NT	50	18	304	135	7/1-9/30	Dry Crossing	**
PennEast Mainline	90.8	Hunterdon	40.51045317	-75.03173366	Lockatong Creek	NJ-NHD-248	Major	RPW	P	FW2-NTC1	300	36	1837	1033	7/1-9/30	HDD	**
PennEast Mainline	91.2	Hunterdon	40.50622528	-75.02685153	Lockatong Creek	NJ-NHD-018	Intermediate	RPW	P	FW2-NTC1	300	7	89	161	7/1-9/30	HDD	**
PennEast Mainline	92.5	Hunterdon	40.48972642	-75.01869145	Lockatong Creek	NJ-NHD-162	Intermediate	RPW	P	FW2-NTC1	300	248	11780	0	7/1-9/30	HDD	000-03-01-186
PennEast Mainline	93.2	Hunterdon	40.48037185	-75.01717113	Uncoded Tributary	051915_SQ_1001_P_MI	Minor	RPW	P	FW2-NT	50	43	2161	0	7/1-9/30	Dry Crossing	000-03-01-187
PennEast Mainline	93.4	Hunterdon	40.47736267	-75.01642982	Lockatong Creek UNT	NJ-NHD-165	Intermediate	RPW	P	FW2-NTC1	300	110	5661	0	7/1-9/30	Dry Crossing	000-03-01-187
PennEast Mainline	93.9	Hunterdon	40.47165187	-75.01164212	Wickecheoke Creek UNT	S-SUR-166	Minor	RPW	P	FW2-NTC1	50	8	276	181	7/1-9/30	Dry Crossing	000-03-01-190
PennEast Mainline	94.1	Hunterdon	40.46839682	-75.01067024	Wickecheoke Creek UNT	S-SUR-167	Minor	RPW	P	FW2-NTC1	50	18	262	145	7/1-9/30	Dry Crossing	000-03-01-190
PennEast Mainline	95.2	Hunterdon	40.45654973	-74.99689003	Wickecheoke Creek UNT	NJ-NHD-168	Intermediate	RPW	P	FW2-NTC1	300	5	257	133	7/1-9/30	Dry Crossing	000-03-01-191
PennEast Mainline	95.3	Hunterdon	40.45602035	-74.99627848	UNK	NJ-NHD-019	Major	N/A	POND	N/A	50	5	250	125	7/1-9/30	Dry Crossing	**
PennEast Mainline	95.8	Hunterdon	40.45077921	-74.99016738	Wickecheoke Creek UNT	NJ-NHD-169	Intermediate	RPW	P	FW2-TMC1	300	15	299	173	6/16- 9/30	Dry Crossing	000-03-01-193
PennEast Mainline	96.0	Hunterdon	40.44868519	-74.98768879	Wickecheoke Creek UNT	NJ-NHD-170	Minor	RPW	P	FW2-TMC1	300	110	5005	2729	6/16- 9/30	Dry Crossing	000-03-01-194
PennEast Mainline	96.8	Hunterdon	40.43946983	-74.97891505	Wickecheoke Creek UNT	NJ-NHD-171	Minor	RPW	P	FW2-TMC1	300	12	278	139	6/16- 9/30	Dry Crossing	000-03-01-194
PennEast Mainline	97.0	Hunterdon	40.43805535	-74.97646479	Wickecheoke Creek UNT	NJ-NHD-172	Intermediate	RPW	P	FW2-TMC1	300	6	282	132	6/16- 9/30	Bore	000-03-01-194
PennEast Mainline	97.4	Hunterdon	40.43279433	-74.97138052	Wickecheoke Creek	NJ-NHD-021	Intermediate	RPW	P	FW2-TMC1	300	5	267	132	6/16-9/30	Dry Crossing	000-03-01-194
PennEast Mainline	97.5	Hunterdon	40.43196602	-74.97069589	Wickecheoke Creek UNT	NJ-NHD-173	Intermediate	RPW	P	FW2-TMC1	300	5	0	68	6/16- 9/30	Dry Crossing	000-03-01-195
PennEast Mainline	97.5	Hunterdon	40.43223829	-74.9708764	Delaware and Raritan Canal UNT	NJ-NHD-174	Minor	RPW	P	FW2-NT	150	71	3528	1756	7/1-9/30	Dry Crossing	000-03-01-197
PennEast Mainline	97.8	Hunterdon	40.4261781	-74.96484246	Alexauken Creek UNT	NJ-NHD-176	Intermediate	RPW	P	FW2-TMC1	300	13	314	156	6/16- 9/30	Dry Crossing	000-03-01-200
PennEast Mainline	99.2	Hunterdon	40.41361344	-74.95209965	Alexauken Creek UNT	NJ-NHD-177A	Minor	RPW	P	FW2-TMC1	300	6	341	137	6/16- 9/30	Dry Crossing	000-03-01-200
PennEast Mainline	100.3	Hunterdon	40.40027793	-74.94361461	Alexauken Creek UNT	NJ-NHD-177B	Minor	RPW	P	FW2-TMC1	300	10	252	125	6/16- 9/30	Dry Crossing	000-03-01-200
PennEast Mainline	100.7	Hunterdon	40.39865086	-74.93960637	Alexauken Creek UNT	NJ-NHD-178	Minor	RPW	P	FW2-TMC1	300	93	2249	0	6/16- 9/30	Dry Crossing	000-03-01-200
PennEast Mainline	100.7	Hunterdon	40.39812183	-74.93909614	Alexauken Creek	NJ-NHD-024	Intermediate	RPW	P	FW2-TMC1	300	7	353	0	6/16- 9/30	Dry Crossing	000-03-01-201
PennEast Mainline	100.8	Hunterdon	40.39744494	-74.9384758	Alexauken Creek UNT	052915_SQ_1001_E_MI	Minor	NRPW	E	FW2-TMC1	300	10	621	0	6/16-9/30	Dry Crossing	**
PennEast Mainline	101.1	Hunterdon	40.39412428	-74.93527552	Alexauken Creek UNT	S-SUR-184	Minor	RPW	P	FW2-NTC1	300	50	2525	0	6/16- 9/30	Dry Crossing	000-03-01-202
PennEast Mainline	101.6	Hunterdon	40.38800341	-74.93024981	Swan Creek UNT	052815_SQ_1001_P_MI	Intermediate	RPW	P	FW2-NT	50	5	0	6	7/1-9/30	Dry Crossing	000-03-01-203
PennEast Mainline	101.8	Hunterdon	40.38605832	-74.92755772	Swan Creek UNT	NJ-NHD-186	Minor	RPW	P	FW2-NT	50	5	254	127	7/1-9/30	Dry Crossing	000-03-01-204
PennEast Mainline	102.1	Hunterdon	40.38247563	-74.92405862	Swan Creek UNT	080515_SQ_1003_E_MI	Minor	NRPW	E	FW2-NT	50	16	776	287	7/1-9/30	Dry Crossing	**
PennEast Mainline	102.7	Hunterdon	40.37417704	-74.92421459	Swan Creek UNT	080515_SQ_1004_E_MI	Minor	NRPW	E	FW2-NT	50	7	362	234	7/1-9/30	Dry Crossing	**

Line	MP	County	Lat. <sub>1</sub>	Long. <sub>1</sub>	Waterbody Name <sub>2</sub>	Waterbody ID <sub>3</sub>	FERC Class <sub>4</sub>	Water Type <sub>5</sub>	Stream Type <sub>6</sub>	NJDEP Water Quality Class <sub>7</sub>	Regulated Rip. Zone <sub>8</sub>	Crossing Width (ft.) <sub>9</sub>	Perm. ROW (ft. <sup>2</sup> )	Const. ROW (ft. <sup>2</sup> )	Instream Const. Period <sub>10</sub>	Crossing Method <sub>11</sub>	Alignment
PennEast Mainline	102.9	Hunterdon	40.37073719	-74.92446685	Lambertville Lower Reservoir	NJ-NHD-189	Minor	RPW	P	FW2-NT	50	4	0	199	7/1-9/30	Dry Crossing	000-03-01-206
PennEast Mainline	102.9	Hunterdon	40.370522	-74.92451603	Swan Creek UNT	NJ-NHD-188	Intermediate	RPW	P	FW2-NT	50	6	0	760	7/1-9/30	Dry Crossing	000-03-01-206
PennEast Mainline	103.6	Hunterdon	40.36167219	-74.9257405	Swan Creek UNT	NJ-NHD-191	Minor	RPW	P	FW2-NT	50	6	296	151	7/1-9/30	Dry Crossing	000-03-01-206
PennEast Mainline	103.6	Mercer	40.36124152	-74.9257213	Moores Creek UNT	S-SUR-194	Minor	RPW	P	FW2-TM	150	13	364	132	6/16- 9/30	Bore	000-03-01-210
PennEast Mainline	103.7	Mercer	40.3596553	-74.92572926	Moores Creek UNT	NJ-NHD-195	Intermediate	RPW	P	FW2-TM	150	12	580	613	6/16- 9/30	Dry Crossing	000-03-01-210
PennEast Mainline	105.4	Mercer	40.33864226	-74.91921045	Moores Creek UNT	060315_SQ_1005_P_MI	Minor	RPW	P	FW2-TM	150	7	340	170	6/16- 9/30	Dry Crossing	000-03-01-211
PennEast Mainline	105.6	Mercer	40.33814187	-74.91612978	Moores Creek	060415_SQ_1003_P_IN	Intermediate	RPW	P	FW2-TM	150	14	264	133	6/16- 9/30	HDD	000-03-01-212
PennEast Mainline	106.1	Mercer	40.33577739	-74.90708202	Moores Creek UNT	060415_SQ_1005_P_MI	Minor	RPW	P	FW2-TM	150	4	262	161	6/16- 9/30	HDD	000-03-01-212
PennEast Mainline	106.4	Mercer	40.33472003	-74.90012334	Fiddlers Creek UNT	S-SUR-198	Minor	RPW	P	FW2-TM	150	57	2863	0	6/16- 9/30	Dry Crossing	000-03-01-215
PennEast Mainline	106.7	Mercer	40.33387435	-74.89495326	Fiddlers Creek UNT	S-SUR-199	Minor	RPW	P	FW2-TM	150	4	202	0	6/16- 9/30	Dry Crossing	000-03-01-216
PennEast Mainline	108.3	Mercer	40.32992888	-74.86665587	Fiddlers Creek	NJ-NHD-200	Minor	RPW	I	FW2-TM	150	5	255	154	6/16- 9/30	Dry Crossing	000-03-01-217
PennEast Mainline	108.6	Mercer	40.3290535	-74.86045108	Jacobs Creek	061015_SQ_1007_P_IN	Intermediate	RPW	P	FW2-NT	50	5	251	126	7/1-9/30	Dry Crossing	000-03-01-219
PennEast Mainline	109.1	Mercer	40.3267563	-74.85164538	Jacobs Creek UNT	061015_SQ_1001_I_MI	Minor	RPW	I	FW2-NT	50	5	267	135	7/1-9/30	Dry Crossing	000-03-01-220
PennEast Mainline	109.9	Mercer	40.32560551	-74.83706463	Woolsey Brook UNT	NJ-NHD-203	Minor	RPW	P	FW2-NT	50	18	1224	600	7/1-9/30	Dry Crossing	000-03-01-221
PennEast Mainline	110.3	Mercer	40.32347098	-74.83020336	Woolsey Brook	NJ-NHD-204	Minor	RPW	P	FW2-NT	50	2	113	56	7/1-9/30	HDD	000-03-01-221
PennEast Mainline	111.0	Mercer	40.31571341	-74.82307951	Woolsey Brook UNT	NJ-NHD-032	Major	N/A	POND	FW2-NT	50	5	272	140	7/1-9/30	HDD	000-03-01-222
PennEast Mainline	111.2	Mercer	40.31246264	-74.81973277	Stony Brook UNT	NJ-NHD-207	Intermediate	RPW	P	FW2-NT	50	5	262	0	7/1-9/30	Dry Crossing	000-03-01-226
PennEast Mainline	111.6	Mercer	40.30830569	-74.81591015	Stony Brook UNT	061115_SQ_1005_P_MI	Intermediate	RPW	P	FW2-NT	50	164	8127	0	7/1-9/30	Dry Crossing	000-03-01-226

**Notes:**

1 Latitude and Longitude are in Decimal Degrees (dd) North American Datum (nad83).

2 USGS National Hydrology Database (NHD) Data (USGS, 2014), New Jersey Surface Water Quality Standards (NJDEP 2010).

a = Delineated waterbody; b = Designates partial waterbody delineations at time of writing due to route realignment

3 USGS National Hydrology Database (NHD) Data (USGS, 2014), New Jersey Surface Water Quality Standards (NJDEP 2010).

Waterbody IDs were generated during field delineation or were assigned based on GIS data (NHD or SWQS) to the closest northern milepost.

4 Wetland and Waterbody Construction and Mitigation Procedures (FERC, 2013).

FERC classifies waterbodies as any natural or artificial stream, river, or drainage with perceptible flow at the time of crossing, and other permanent waterbodies such as ponds and lakes: "minor waterbody" (Minor) includes all waterbodies less than or equal to 10 feet wide at the water's edge at the time of crossing; "intermediate waterbody" (Intermediate) includes all waterbodies greater than 10 feet wide but less than or equal to 100 feet wide at the water's edge at the time of crossing; and "major waterbody" (Major) includes all waterbodies greater than 100 feet wide at the water's edge at the time of crossing. FERC Classifications for NHD waterbodies were determined by measuring the distance of the waterbody at the crossing point using aerial photographs. If the stream was not visible on the aerial photograph the stream was designated as minor, with a crossing distance of "<10" feet. Classification may change based on conditions at time of construction.

5 Section 10 waters per Army Corps of Engineers Data (USACE, 2010), Section 404 Guidelines (USACE, 2011).

a = TNW also refers to Section 10 waters per Army Corps of Engineers data; all other waterbodies fall under Section 404 guidelines (USACE, 2010; USACE, 2011)

Key:

TNW = Traditional Navigable Waters, including territorial seas

NA = Non-Jurisdictional Waters; waters are exclusively regulated by NJDEP per New Jersey Administrative Code 7:13.

6 USGS National Hydrology Database (NHD) Data (USGS, 2014).

For delineated streams, perennial/intermittent/ephemeral determinations were myes, ade based on channel definition, i.e., having a defined bed and bank, and, as directed by PADEP (Mackowski, personal comm. 2012), by determination of stream flow using geomorphic, hydrological and biological indicators, utilizing the North Carolina Division of Water Quality (2005) identification methods as guidelines. For NHD waterbodies, perennial/intermittent/ephemeral designations were assigned in the NHD data layer.

Key:

P = Perennial, I = Intermittent, E = Ephemeral

7 New Jersey Surface Water Quality Standards (NJDEP 2010).

Delaware River Designation per Delaware River Basin Commission, (DRBC, 2015)

Key:

UNT = Unnamed Tributary

FW2-NTC1 = Freshwater, non-trout, Category 1

Line	MP	County	Lat. <sub>1</sub>	Long. <sub>1</sub>	Waterbody Name <sub>2</sub>	Waterbody ID <sub>3</sub>	FERC Class <sub>4</sub>	Water Type <sub>5</sub>	Stream Type <sub>6</sub>	NJDEP Water Quality Class <sub>7</sub>	Regulated Rip. Zone <sub>8</sub>	Crossing Width (ft.) <sub>9</sub>	Perm. ROW (ft. <sup>2</sup> )	Const. ROW (ft. <sup>2</sup> )	Instream Const. Period <sub>10</sub>	Crossing Method <sub>11</sub>	Alignment
<p>FW2-TMC1 = Freshwater , trout-maintenance, Category 1  FW2-TPC1 = Freshwater, trout-production, Category 1  FW2-NT = Freshwater, non-trout</p> <p>8 Per New Jersey Administrative Code 7:13-10.2. Regulated Riparian Zones are:  -300 feet along Category 1 streams and their tributaries within the same USGS HUC-14 watershed  -150 feet along trout production waters and all upstream tributaries; trout maintenance waters and tributaries within one mile upstream; waters flowing through an area containing documented habitat for a threatened or endangered species of plant or animal, which is critically dependent on the regulated water for survival (and tributaries within one mile upstream); and waters that flow through an area that contains acid producing soils  -50 feet along all other streams</p> <p>9 Crossing width based on waters at time of delineation or aerial photography for NHD waters and may vary at time of construction.  a = Total crossing width between Pennsylvania and New Jersey.</p> <p>10 Per FERC Guidelines, or State restrictions where more strict – see Resource Report 3</p> <p>11 Dry crossing methods include: 1) Flumed Crossing and 2) Dam and Pump Crossing; Modified Dry crossing method (Mainline crew completes trenching using Flumed or Dam and Pump method, then flume is installed; lowering-in crew removes flume and completes lowering-in of pipe and backfilling of waterbody using Flumed or Dam and Pump Method); Wet crossing method or Open Cut Crossing (trenching and backfilling in the waterbody-not including blasting or other rock breaking measures-is complete within 24 hours).</p> <p>12 Dry crossing methods include: 1) Flumed Crossing and 2) Dam and Pump Crossing; Modified Dry crossing method (Mainline crew completes trenching using Flumed or Dam and Pump method, then flume is installed; lowering-in crew removes flume and completes lowering-in of pipe and backfilling of waterbody using Flumed or Dam and Pump Method); Wet crossing method or Open Cut Crossing (trenching and backfilling in the waterbody-not including blasting or other rock breaking measures-is complete within 24 hours).</p>																	