

Riverine Subfacility Table

Appendix: Appendix LU-L3A - Subfacility Tables - Riverine Resources in Luzerne County

County: Luzerne

Date: 10/9/2019

MP <sup>1</sup>	Watercourse ID <sup>2</sup>	Stream Type <sup>3</sup>	Chapter 93 Designated Use <sup>4</sup>	PFBC Classification <sup>5</sup>	Latitude	Longitude	County <sup>6</sup>	Municipality <sup>6</sup>	Subfacility Code: PIPE <sup>7</sup>										Subfacility Code: FLACT <sup>7</sup>									
									Type	Product Code	Diameter (feet)	Depth of Cover	Line Encased	Shut-off Controls	Attached to Water Obstruction	ROW Width	Pipe length (linear feet)	Floodway Determination Code	Design Flood Event	Flowage Easement	Erosion Protection Measures	Interior Drainage	Freeboard Height	Left Side Width (feet)	Left Side Length (feet)	Left Side Height (feet)	Right Side Width (feet)	Right Side Length (feet)
<b>PennEast Mainline</b>																												
0.6	092414_GO_1001_P_IM	PER	CWF, MF	III	41.34652986	-75.89926314	Luzerne	Dallas	DB	PETRO	3	5	No	Yes	No	30	6	-	-	-	-	-	-	-	-	-	-	-
1.4	032818_WA_1000_P_IN	PER	CWF, MF	III	41.34144814	-75.9218986	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	43	22	-	-	-	-	-	-	-	-	-	-	-
2.1	050416_DB_1001_I_MI	INT	CWF, MF	-	41.33771877	-75.9105929	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	31	4	-	-	-	-	-	-	-	-	-	-	-
2.6	011815_JC_1000_I_MI	INT	CWF, MF	-	41.332003	-75.90478369	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	31	7	-	-	-	-	-	-	-	-	-	-	-
3.1	011815_JC_1001_P_MI	PER	CWF, MF	III	41.32587237	-75.89949525	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	41	8	-	-	-	-	-	-	-	-	-	-	-
3.1	011815_JC_1002_I_MI	INT	CWF, MF	III	41.32564109	-75.89926314	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	38	6	-	-	-	-	-	-	-	-	-	-	-
3.5	101717_AB_1001_I_MI	INT	CWF, MF	III	41.32274032	-75.89291537	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	30	6	-	-	-	-	-	-	-	-	-	-	-
4.3R2	020916_BT_1001_I_MI	INT	CWF, MF	III	41.32280018	-75.87946297	Luzerne	West Wyoming	TRNC	PETRO	3	5	No	Yes	No	47	2	-	-	-	-	-	-	-	-	-	-	-
4.3R2	020916_BT_1003_P_MI	PER	CWF, MF	III	41.32234264	-75.87833139	Luzerne	West Wyoming	TRNC	PETRO	3	5	No	Yes	No	24	4	-	-	-	-	-	-	-	-	-	-	-
4.9R3	020916_BT_1004_I_MI	INT	CWF, MF	III	41.31571414	-75.87118812	Luzerne	West Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1	020916_BT_1006_I_MI	INT	CWF, MF	III	41.31375974	-75.86977482	Luzerne	West Wyoming	TRNC	PETRO	3	5	No	Yes	No	11	4	-	-	-	-	-	-	-	-	-	-	-
5.1	020916_BT_1007_I_MI	INT	CWF, MF	III	41.31374842	-75.86968156	Luzerne	West Wyoming	TRNC	PETRO	3	5	No	Yes	No	31	7	-	-	-	-	-	-	-	-	-	-	-
6	092314_GO_1001_I_MI	INT	CWF, MF	-	41.30814292	-75.85394472	Luzerne	West Wyoming	TRNC	PETRO	3	5	No	Yes	No	27	5	-	-	-	-	-	-	-	-	-	-	-
6.1	092414_GO_1002_I_IN	INT	CWF, MF	-	41.30721866	-75.85258489	Luzerne	Wyoming	TRNC	PETRO	3	5	No	Yes	No	31	19	-	-	-	-	-	-	-	-	-	-	-
6.2R2	092414_GO_1003_P_MI	PER	CWF, MF	-	41.3058646	-75.850449	Luzerne	Wyoming	TRNC	PETRO	3	5	No	Yes	No	33	13	-	-	-	-	-	-	-	-	-	-	-
6.9	102315_WA_1001_P_MA (1) - 1	PER	WWF, MF	-	41.30142736	-75.83920625	Luzerne	Wyoming	TRNC	PETRO	3	5	No	Yes	No	31	534	-	-	-	-	-	-	-	-	-	-	-
7.2	102315_WA_1001_P_MA (1) - 2	PER	WWF, MF	-	41.29931751	-75.83633512	Luzerne	Jenkins	TRNC	PETRO	3	5	No	Yes	No	30	457	-	-	-	-	-	-	-	-	-	-	-
7	102315_WA_1001_P_MA (2) - 1	PER	WWF, MF	-	41.30289642	-75.83435395	Luzerne	Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.1	102315_WA_1001_P_MA (2) - 2	PER	WWF, MF	-	41.30145107	-75.83277248	Luzerne	Jenkins And Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.7R2	071416_GM_1001_P_MI	PER	CWF, MF	-	41.27979807	-75.81184911	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	33	27	-	-	-	-	-	-	-	-	-	-	-
10.1R2	050416_DB_1002_I_MI	INT	CWF, MF	III	41.27511383	-75.80925592	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	34	4	-	-	-	-	-	-	-	-	-	-	-
10.8R2	110514_JC_1002_P_MI	PER	CWF, MF	III	41.26672452	-75.80021205	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	31	28	-	-	-	-	-	-	-	-	-	-	-
11.5R2	121614_JC_1000_P_MI	PER	CWF, MF	III	41.26132227	-75.79125631	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	31	9	-	-	-	-	-	-	-	-	-	-	-
11.5R2	121614_JC_1001_E_MI	EPH	CWF, MF	III	41.26050226	-75.78974231	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	46	6	-	-	-	-	-	-	-	-	-	-	-
12.4R2	121514_JC_1001_E_MI	EPH	CWF, MF	III	41.25175021	-75.77869714	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	31	3	-	-	-	-	-	-	-	-	-	-	-
13	121814_JC_1010_P_MI	PER	CWF, MF	III	41.24971855	-75.77410794	Luzerne	Bear Creek	DB	PETRO	3	5	No	Yes	No	31	10	-	-	-	-	-	-	-	-	-	-	-
13.1	121814_JC_1011_P_MI	PER	CWF, MF	III	41.24949031	-75.77336146	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	32	10	-	-	-	-	-	-	-	-	-	-	-
13.2	121814_JC_1013_E_MI	EPH	CWF, MF	III	41.24903886	-75.77192845	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	31	2	-	-	-	-	-	-	-	-	-	-	-
13.2	121814_JC_1012_E_MI	EPH	CWF, MF	III	41.2483978	-75.77057925	Luzerne	Bear Creek	DB	PETRO	3	5	No	Yes	No	3	2	-	-	-	-	-	-	-	-	-	-	-
13.3	121814_JC_1007_E_MI	EPH	CWF, MF	III	41.24799871	-75.77025569	Luzerne	Bear Creek	DB	PETRO	3	5	No	Yes	No	3	10	-	-	-	-	-	-	-	-	-	-	-
13.3	121814_JC_1008_P_MI - 1	PER	CWF, MF	III	41.24769582	-75.77001014	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	4	-	-	-	-	-	-	-	-	-	-	-
13.6	121814_JC_1005_P_MI	PER	CWF, MF	III	41.24410049	-75.76751741	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	32	7	-	-	-	-	-	-	-	-	-	-	-
13.6	121814_JC_1006_I_MI	INT	CWF, MF	III	41.24403529	-75.76743521	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	23	5	-	-	-	-	-	-	-	-	-	-	-
13.7	121814_JC_1004_I_MI	INT	CWF, MF	III	41.24313645	-75.76630205	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	31	4	-	-	-	-	-	-	-	-	-	-	-
13.8	121814_JC_1003_I_MI	INT	CWF, MF	III	41.24166818	-75.76433576	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	11	6	-	-	-	-	-	-	-	-	-	-	-
13.9	121814_JC_1002_P_MI	PER	CWF, MF	III	41.24112842	-75.76377199	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	32	7	-	-	-	-	-	-	-	-	-	-	-
13.9	121814_JC_1001_P_MI	PER	CWF, MF	III	41.24052571	-75.76301263	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	68	13	-	-	-	-	-	-	-	-	-	-	-
14	121814_JC_1000_I_MI	INT	CWF, MF	III	41.2399107	-75.76234347	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.1	111014_JC_1001_E_MI	EPH	CWF, MF	III	41.23851986	-75.76049523	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	51	3	-	-	-	-	-	-	-	-	-	-	-
14.7	041017_NJ_1002_I_MI	INT	HQ-CWF, MF	III	41.23217955	-75.7525264	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	31	2	-	-	-	-	-	-	-	-	-	-	-
15	043015_JC_1001_I_MI	INT	HQ-CWF, MF	III	41.22962944	-75.74933352	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	25	7	-	-	-	-	-	-	-	-	-	-	-
16.2	112114_JC_1003_P_MI - 1	PER	HQ-CWF, MF	-	41.21733903	-75.73355023	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	31	65	-	-	-	-	-	-	-	-	-	-	-
16.2	112114_JC_1002_P_MI	PER	HQ-CWF, MF	-	41.21702966	-75.73305545	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	35	12	-	-	-	-	-	-	-	-	-	-	-
16.4	112114_JC_1001_P_MI - 1	PER	HQ-CWF, MF	-	41.21543588	-75.73053823	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	35	7	-	-	-	-	-	-	-	-	-	-	-
16.7	112014_JC_1003_P_MI - 1	PER	HQ-CWF, MF	-	41.21253185	-75.72593129	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	32	38	-	-	-	-	-	-	-	-	-	-	-
16.9	112014_JC_1002_P_MI	PER	HQ-CWF, MF	-	41.21073463	-75.7230669	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	27	2	-	-	-	-	-	-	-	-	-	-	-
17.7	112014_JC_1001_P_MI	PER	HQ-CWF, MF	III	41.20266871	-75.71110759	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	26	4	-	-	-	-	-	-	-	-	-	-	-
18.3	111914_JC_1002_P_MI	PER	HQ-CWF, MF	III	41.19689597	-75.70208654	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	106	-	-	-	-	-	-	-	-	-	-	-
18.4	111914_JC_1001_P_MI	PER	HQ-CWF, MF	III	41.19639445	-75.70151609	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	121814_JC_1014_E_MI	EPH	HQ-CWF, MF	III	41.18866318	-75.69724301	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	121814_JC_1014_I_MI	INT	HQ-CWF, MF	III	41.18812885	-75.6972167	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19.6	121614_JC_1009_P_MI	PER	HQ-CWF, MF	I, III	41.17958101	-75.69661655	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	33	26	-	-	-	-	-	-	-	-	-	-	-
20	121714_JC_1001_E_MI	EPH	HQ-CWF, MF	I, III	41.17355707	-75.69636427	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	45	9	-	-	-	-	-	-	-	-	-	-	-
20	121614_JC_1007_P_MI	PER	HQ-CWF, MF	I, III	41.17371037	-75.69646338	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.1	121614_JC_1006_P_MI	PER	HQ-CWF, MF	I, III	41.17241029	-75.69627202	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	57	14	-	-	-	-	-	-	-	-	-	-	-
21.2	121614_JC_1004_I_MI	INT	HQ-CWF, MF	III	41.1574171	-75.69390347	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	35	5</											

Riverine Subfacility Table

Appendix: Appendix LU-L3A - Subfacility Tables - Riverine Resources in Luzerne County

County: Luzerne

Date: 10/9/2019

MP <sup>1</sup>	Watercourse ID <sup>2</sup>	Stream Type <sup>3</sup>	Chapter 93 Designated Use <sup>4</sup>	PFBC Classification <sup>5</sup>	Latitude	Longitude	County <sup>6</sup>	Municipality <sup>6</sup>	Subfacility Code: PIPE <sup>7</sup>										Subfacility Code: FLACT <sup>7</sup>								
									Type	Product Code	Diameter (feet)	Depth of Cover	Line Encased	Shut-off Controls	Attached to Water Obstruction	ROW Width	Pipe length (linear feet)	Floodway Determination Code	Design Flood Event	Flowage Easement	Erosion Protection Measures	Interior Drainage	Freeboard Height	Left Side Width (feet)	Left Side Length (feet)	Left Side Height (feet)	Right Side Width (feet)
22.5	042517_GM_1001_P_IN	PER	HQ-CWF, MF	III	41.13830633	-75.68580585	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.7	042517_GM_1002_I_MI	INT	HQ-CWF, MF	III	41.13643523	-75.68765795	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.8	042517_GM_1003_P_MI	PER	HQ-CWF, MF	III	41.13467168	-75.68091385	Luzerne	Buck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

- 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.
- 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: MA = major, IN = intermediate, MI = minor, C = canal, D = ditch
- Stream Type: PER = perennial, INT = intermittent, EPH = ephemeral
- 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](http://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](http://www.pasda.psu.edu). I = Class A Trout Water, II = Wilderness Trout Stream, III = Naturally Reproducing Trout Stream.
- Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at [www.pasda.psu.edu](http://www.pasda.psu.edu).
- Subfacility Code Key: PIPE = used for pipeline constructed for the transportation of natural gas, FLACT = floodway activity