

Water Obstruction and Encroachment Permit Fee Calculation Justification

PennEast Pipeline Project - Luzerne County

PennEast Pipeline Company, LLC

LUZERNE JPA FEE SUMMARY		Amount
2018 Administrative Fee	\$	1,750.00
2018 Riverine Impact Fees	\$	200,000.00
2018 Wetland Impact Fees	\$	31,600.00
2018 Lacustrine Impact Fees	\$	6,000.00
2018 Total Fee	\$	239,350.00
2016 Fees Paid	\$	295,750.00
Difference	\$	(56,400.00)
Amount Owed for 2018 JPA	\$	-

Please see riverine, wetland, and lacustrine fee calculations on next sheets.

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PennEast Pipeline Project - Luzerne County

PennEast Pipeline Company, LLC

Administrative Filing Fee \$ 1,750.00

Per Acre Disturbance Fees

Milepost ¹	Feature ID with Crossing Number ²	WATERCOURSE CHANNEL		FLOODWAY		Total Fee ⁵
		Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	
RIVERINE FEES - LUZERNE COUNTY						
PennEast Mainline Pipeline						
0.6	092414_GO_1001_P_IM	0.00	0.01	0.04	0.10	-
1.4	032818_WA_1000_P_IN	0.02	0.02	0.02	0.05	-
2.1	050416_DB_1001_I_MI	0.00	0.00	0.05	0.12	-
2.6	011815_JC_1000_I_MI	0.01	0.01	0.08	0.14	-
3.1	011815_JC_1001_P_MI	0.00	0.01	0.08	0.15	-
3.1	011815_JC_1002_I_MI	0.00	0.01	0.03	0.09	-
3.5	101717_AB_1001_I_MI	0.00	0.01	0.06	0.12	-
4.3R2	020916_BT_1001_I_MI	0.00	0.00	0.11	0.16	-
4.3R2	020916_BT_1003_P_MI	0.00	0.00	0.06	0.14	-
4.9R3	020916_BT_1004_I_MI	-	-	0.28	0.24	-
5.1	020916_BT_1006_I_MI	0.00	0.00	0.00	0.02	-
5.1	020916_BT_1007_I_MI	0.00	0.01	0.07	0.12	-
6	092314_GO_1001_I_MI	0.00	0.00	0.00	0.02	-
6.1	092414_GO_1002_I_IN	0.01	0.02	0.06	0.12	-
6.2R2	092414_GO_1003_P_IM	0.01	0.01	0.48	0.29	-
6.9	102315_WA_1001_P_MA	3.15	0.61	15.62	0.29	-
7.2	102315_WA_1001_P_MA	2.65	0.52	-	-	-
7	102315_WA_1001_P_MA	1.96	-	-	-	-
7.1	102315_WA_1001_P_MA	3.79	-	-	-	-

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Per Acre Disturbance Fees

Milepost ¹	Feature ID with Crossing Number ²	WATERCOURSE CHANNEL		FLOODWAY		Total Fee ⁵
		Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	
RIVERINE FEES - LUZERNE COUNTY						
9.7R2	071416_GM_1001_P_IN	0.01	0.03	-	0.04	-
10.1R2	050416_DB_1002_I_MI	0.01	0.02	0.57	0.50	-
10.8R2	110514_JC_1002_P_IM	0.02	0.03	0.04	0.08	-
11.5R2	121614_JC_1000_P_MI	0.01	0.01	0.04	0.03	-
11.5R2	121614_JC_1001_E_MI	0.00	0.00	0.15	0.09	-
12.4R2	121514_JC_1001_E_MI	0.00	0.00	0.06	0.12	-
13	121814_JC_1010_P_MI	0.00	0.01	0.05	0.12	-
13.1	121814_JC_1011_P_MI	0.01	0.01	0.06	0.13	-
13.2	121814_JC_1013_E_MI	0.00	0.00	0.06	0.12	-
13.2	121814_JC_1012_E_MI	-	0.00	0.00	0.01	-
13.3	121814_JC_1007_E_MI	-	0.00	0.00	0.01	-
13.3	121814_JC_1008_P_MI - 1	0.00	0.00	0.05	0.12	-
13.6	121814_JC_1005_P_MI	0.00	0.01	0.07	0.13	-
13.6	121814_JC_1006_I_MI	0.00	0.00	0.01	0.03	-
13.7	121814_JC_1004_I_MI	0.00	0.00	0.06	0.12	-
13.8	121814_JC_1003_I_MI	0.00	0.01	0.07	0.12	-
13.9	121814_JC_1002_P_MI	0.00	0.01	0.06	0.12	-
13.9	121814_JC_1001_P_MI	0.01	0.02	0.10	0.23	-
14	121814_JC_1000_I_MI	-	-	0.12	0.09	-
14.1	111014_JC_1001_E_MI	0.00	0.01	0.09	0.18	-

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Per Acre Disturbance Fees

Milepost ¹	Feature ID with Crossing Number ²	WATERCOURSE CHANNEL		FLOODWAY		Total Fee ⁵
		Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	
RIVERINE FEES - LUZERNE COUNTY						
14.7	041017_NJ_1002_I_MI	0.00	0.00	0.08	0.12	-
15	043015_JC_1001_I_MI	0.00	0.00	0.01	0.08	-
16.2	112114_JC_1003_P_IM - 1	0.06	0.04	0.11	0.07	-
16.2	112114_JC_1002_P_MI	0.01	0.01	0.10	0.06	-
16.4	112114_JC_1001_P_MI - 1	0.01	0.00	0.12	0.08	-
16.7	112014_JC_1003_P_IM - 1	0.04	0.03	0.02	0.01	-
16.9	112014_JC_1002_P_MI	0.00	0.00	0.17	0.08	-
17.7	112014_JC_1001_P_MI	0.00	0.00	0.07	0.09	-
18.3	111914_JC_1002_P_IM	0.09	0.07	0.11	0.07	-
18.4	111914_JC_1001_P_IM	0.01	-	0.08	0.03	-
19	121814_JC_1014_E_MI	-	-	0.20	0.15	-
19	121814_JC_1014_I_MI	-	-	0.19	0.15	-
19.6	121614_JC_1009_P_IM	0.02	0.03	0.03	0.06	-
20	121714_JC_1001_E_MI	0.00	0.01	0.04	0.12	-
20	121614_JC_1007_P_MI	-	-	0.02	0.02	-
20.1	121614_JC_1006_P_MI	0.01	0.02	0.11	0.28	-
21.2	121614_JC_1004_I_MI	0.00	0.00	0.06	0.09	-
22.5	102115_WA_002_E_MI	-	-	0.15	0.11	-
22.6	102115_WA_001_E_MI	-	-	0.12	0.09	-
22.7	050615_JC_1001_P_IM	0.02	0.02	0.08	0.05	-

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PennEast Pipeline Project - Luzerne County

PennEast Pipeline Company, LLC

Administrative Filing Fee \$ 1,750.00

Per Acre Disturbance Fees

Milepost ¹	Feature ID with Crossing Number ²	WATERCOURSE CHANNEL		FLOODWAY		Total Fee ⁵
		Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	
RIVERINE FEES - LUZERNE COUNTY						
22.7	102115_WA_001_I_MI	-	-	0.05	0.01	-
Access Roads						
13.3	121814_JC_1008_P_MI - 2	0.00	-	0.11	-	-
13.3	081215_MK_013_I_MI	0.01	-	0.10	-	-
13.3	081215_MK_014_P_IM	0.01	-	0.02	-	-
13.3	081215_MK_015_I_MI	0.00	-	0.09	-	-
13.3	081215_MK_016_E_MI	0.00	-	0.08	-	-
13.3	081215_MK_017_P_IM	-	0.02	-	0.12	-
14	041717_WA_1001_E_MI	0.00	-	0.06	-	-
16.1	112114_JC_1003_P_IM - 2	0.02	-	0.08	-	-
16.4	112114_JC_1001_P_MI - 2	0.00	-	0.07	-	-
16.7	112014_JC_1003_P_IM - 2	0.01	-	0.02	-	-
22.5	042017_MK_1002_P_MI	0.00	-	0.10	-	-
22.5	042517_GM_1001_P_IN	0.01	-	0.04	-	-
22.7	042517_GM_1002_I_MI	0.00	-	0.09	-	-
22.8	042517_GM_1003_P_MI	0.00	-	0.12	-	-
RIVERINE FEE TOTAL		12.00	1.66	21.60	6.50	\$ 200,000.00

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PennEast Pipeline Project - Luzerne County

PennEast Pipeline Company, LLC

Administrative Filing Fee	\$ 1,750.00
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Per Acre Disturbance Fees

Milepost ¹	Feature ID with Crossing Number ²	WATERCOURSE CHANNEL		FLOODWAY		Total Fee ⁵
		Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	
RIVERINE FEES - LUZERNE COUNTY						

Notes:

1. 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.

2. 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

3. Temporary impact acres are measured within the temporary workspace and additional temporary workspace; the measurement does not include acreages impacted within the 50' permanent ROW. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the wetland.

4. Permanent impact acres are measured within the 50' permanent ROW or within an aboveground facility footprint. For HDDs and bores, the permanent impact is calculated as the length of the crossing times the pipe diameter. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the watercourse or floodway, as applicable.

5. Total Fees equal the sum of the temporary disturbance impact acres x \$4,000 plus the sum of the permanent disturbance impact acres x \$8,000.

Water Obstruction and Encroachment Permit Fee Calculation Justification

PennEast Pipeline Project - Luzerne County

PennEast Pipeline Company, LLC

WETLANDS				
Milepost ¹	Feature ID with Crossing Number ²	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Total Fee ⁵
WETLAND FEES - LUZERNE COUNTY				
PennEast Mainline Pipeline				
0R1	050715_JC_1001_PSS	0.29	0.6	-
0.1	050715_JC_1001b_PEM	0.00	0	-
0.1	050715_JC_1001a_PEM	0.01	0.01	-
1.4	032818_WA_001_PFO	0.04	0.05	-
2.1	050416_DB_1001_PFO	0.03	0.06	-
3.1	011815_JC_002_PFO	0.10	0.14	-
6	092314_GO_001_PSS	0.00	0.01	-
6.6R2	110915_WA_003_PEM	-	0.01	-
13.2	060618_WA_002_PEM	0.10	0.09	-
13.7	121814_JC_001_PEM	0.01	0	-
14.1	111014_JC_002_PFO	0.03	0.01	-
14.7	042417_GM_1001_PFO	0.01	0.03	-
15	043015_JC_1001_PFO	0.00	0.05	-
15	043015_JC_1001_PEM - 1	0.00	-	-
15	043015_JC_1001_PEM - 2	0.01	0	-
16	112114_JC_003B_PFO - 1	0.62	0.44	-
16.1	112114_JC_003B_PFO - 2	0.00	-	-
16.2	112114_JC_003B_PFO - 3	0.00	-	-
16.2	112114_JC_003B_PSS - 1	0.00	0.01	-
16.2	112114_JC_003A_PSS - 1	0.16	0.1	-
16.4	112114_JC_002_PSS	0.10	0.05	-
16.4	112114_JC_002_PEM	0.00	-	-
16.8	112014_JC_002_PFO	0.18	0.15	-

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WETLANDS				
Milepost ¹	Feature ID with Crossing Number ²	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Total Fee ⁵
16.8	112014_JC_002_PEM	0.03	0.02	-
17.7	112014_JC_001_PFO	0.24	0.28	-
17.8	112014_JC_001_PEM	0.00	0	-
19.6	121614_JC_001_PFO - 1	0.02	0.05	-
19.7	121614_JC_001_PEM	0.00	-	-
19.7	121614_JC_001_PFO - 2	0.08	0.2	-
22.7	102115_WA_003_PFO	0.02	0	-
0R1	010716_GM_1002_PEM	0.06	-	-
0R1	053117_MB_1001_PSS	0.02	-	-
0R1	053117_MB_1001_PEM	0.02	-	-
0R1	010716_GM_1001_PEM	0.01	-	-
0R1	010716_GM_1001_PSS	0.01	-	-
13.1	081215_MK_019_PEM	0.06	-	-
13.3	121814_JC_002_PEM	0.00	-	-
13.3	081215_MK_020_PEM	0.00	-	-
13.3	081215_MK_021_PEM	0.05	-	-
13.2	081215_MK_022_PEM	0.01	-	-
15.9	042417_GM_1002_PSS	0.18	-	-
15.9	042417_GM_1002_PEM	0.01	-	-
16.2	112114_JC_003A_PSS - 2	0.07	-	-
16.1	112114_JC_003B_PSS - 2	0.01	-	-
16.1	112114_JC_003B_PSS - 3	0.02	-	-
16.4	112114_JC_002A_PSS - 1	0.10	-	-
16.4	112114_JC_002A_PSS - 2	0.01	-	-
16.8	112014_JC_002_PSS	0.14	-	-
17.7	112014_JC_001_PSS	0.26	-	-

Water Obstruction and Encroachment Permit Fee Calculation Justification

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WETLANDS				
Milepost ¹	Feature ID with Crossing Number ²	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Total Fee ⁵
22.5	042517_GM_1001_PEM	0.02	-	-
22.6	042517_GM_1002_PEM	0.00	-	-
WETLAND FEE TOTAL		3.14	2.36	\$ 31,600.00

Notes:

1. 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.
2. In instances where a wetland is crossed by the proposed pipeline or workspace multiple times, crossing numbers (e.g. "-1", "-2") have been added to the Wetland ID.
3. Temporary impact acres are measured within the temporary workspace and additional temporary workspace; the measurement does not include acreages impacted within the 50' permanent ROW. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the wetland.
4. Permanent impact acres are measured within the 50' permanent ROW or within an aboveground facility footprint. For HDDs and bores, the permanent impact is calculated as the length of the crossing times the pipe diameter. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the watercourse or floodway, as applicable.
5. Total Fees equal the sum of the temporary disturbance impact acres x \$4,000 plus the sum of the permanent disturbance impact acres x \$8,000.

Water Obstruction and Encroachment Permit Fee Calculation Justification

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		LACUSTRINE WATERCOURSE CHANNEL		LACUSTRINE FLOODWAY		
Milepost ¹	Feature ID with Crossing Number ²	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Impact in the Temporary Construction ROW (acres) ³	Impact in the Permanent 50' Operational ROW (acres) ⁴	Total Fee ⁵
LACUSTRINE WATERCOURSE CHANNEL AND FLOODWAY FEES - LUZERNE COUNTY						
PennEast Mainline Pipeline						
23	052115_JC_1001_P_MA	0.49	0.50	0.13	0.13	-
LACUSTRINE FEE TOTAL		0.49	0.50	0.13	0.13	\$ 6,000.00

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 Key: P = perennial, I = intermittent, E = ephemeral, MA = major, IN = intermediate, MI = minor, C = canal, D = ditch
- Temporary impact acres are measured within the temporary workspace and additional temporary workspace; the measurement does not include acreages impacted within the 50' permanent ROW. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the wetland.
- Permanent impact acres are measured within the 50' permanent ROW or within an aboveground facility footprint. For HDDs and bores, the permanent impact is calculated as the length of the crossing times the pipe diameter. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the watercourse or floodway, as applicable.
- Total Fees equal the sum of the temporary disturbance impact acres x \$4,000 plus the sum of the permanent disturbance impact acres x \$8,000.