

Water Obstruction and Encroachment Permit Fee Calculation Justification

PennEast Pipeline Project - Carbon County

PennEast Pipeline Company, LLC

CARBON JPA FEE SUMMARY		Amount
Administrative Fee	\$	1,750.00
2018 Riverine Impact Fees	\$	78,400.00
2018 Wetland Impact Fees	\$	92,000.00
2018 Lacustrine Impact Fees	\$	-
2018 Total Fee	\$	172,150.00
2016 Fees Paid	\$	262,950.00
Difference	\$	(90,800.00)
Amount Owed for 2018 JPA	\$	-

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

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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 - CARBON COUNTY

PennEast Mainline Pipeline

24.5	110415_GM_1001_I_MI	-	-	0.03	0.00	-
26.5	102114_JC_1003_E_MI	-	-	0.04	0.01	-
26.6	102114_JC_1001_P_MI	0.00	0.01	0.07	0.13	-
30.4R2	042415_JC_1006_E_MI - 1	0.01	-	0.40	0.59	-
30.5R2	042415_JC_1006_E_MI - 2	0.01	0.01	-	-	-
31.2R2	042415_JC_1004_P_MI	0.04	0.01	0.09	0.02	-
31.2R2	042415_JC_1002_P_IN - 1	0.01	0.01	0.16	0.17	-
31.2R2	042415_JC_1002_P_IN - 2	0.02	0.01	-	-	-
31.2R2	042415_JC_1005_D_MI	0.00	-	-	-	-
31.2R2	042415_JC_1003_I_MI	-	-	0.12	0.10	-
32.7R3	110316_GM_1001_I_MI	-	-	0.01	0.01	-
32.8R3	110316_GM_1003_I_MI	0.01	0.01	0.15	0.24	-
32.9R3	110316_GM_1004_I_MI	0.00	0.00	0.17	0.08	-
33.2R3	042115_JC_1001_P_IN	0.05	0.03	0.06	0.04	-
33.2R3	042115_JC_1002_P_MI	0.01	0.01	0.06	0.05	-
33.4R3	042115_JC_1003_E_MI	-	-	0.01	0.06	-
33.4R3	042115_JC_1004_I_MI	0.02	0.04	0.31	0.44	-
33.5R3	042115_JC_1005_E_MI	0.00	0.00	0.04	-	-
33.7R3	042115_JC_1006_I_MI	-	-	0.00	-	-

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Per Acre Disturbance Fees

		WATERCOURSE CHANNEL		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
RIVERINE FEES - CARBON COUNTY						
34.7R2	042315_JC_1001_I_MI	0.00	0.00	0.07	0.58	-
34.7R2	042315_JC_1002_P_MI	0.01	0.01	0.07	0.15	-
34.8R3	042315_JC_1003_P_IN	0.01	0.02	0.06	0.10	-
34.8R3	042315_JC_1003_I_IN	0.00	-	0.05	0.36	-
36.1	060117_MB_1001_P_MI	0.03	0.03	0.07	0.17	-
36.5R3	050615_JC_1002_I_MI	-	-	0.09	0.06	-
36.6R3	010816_DB_1001_I_MI	-	-	1.04	0.76	-
37.5	061615_DB_1001_I_MI	0.00	0.01	0.07	0.14	-
38.3	061615_DB_1002_P_IN	0.01	0.01	0.06	0.12	-
41	040517_BT_1001_E_MI	0.00	0.00	0.02	0.11	-
41.1	091516_GM_1002_E_MI	0.00	0.00	0.06	0.12	-
41.2	012717_GM_1002_P_MI	0.00	0.01	0.06	0.13	-
41.2	012717_GM_1003_P_MI	0.00	0.01	0.08	0.17	-
41.3	020117_GM_1002_P_MI	0.00	0.01	0.07	0.16	-
41.6	020117_GM_1001_P_MI	0.01	0.01	0.06	0.12	-
44.2R3	061715_DB_1001_I_MI	-	0.00	-	0.01	-
44.3R3	122215_DB_1001_P_MI	-	0.00	-	0.01	-
44.8R2	041018_WA_1000_P_MI	0.00	0.01	0.01	0.13	-
45R2	051115_JC_1002_P_MI	0.00	0.00	0.07	0.12	-
45.6	051115_JC_1001_P_MI	0.00	0.00	0.08	0.18	-

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Administrative Filing Fee						\$ 1,750.00
Per Acre Disturbance Fees						
		WATERCOURSE CHANNEL		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
RIVERINE FEES - CARBON COUNTY						
46.1	041018_WA_1002_I_MI	-	-	0.04	0.02	-
46.3	041018_WA_1003_I_MI	0.00	0.00	0.01	0.11	-
48.1	090914_WA_1000_P_IM	0.03	0.06	0.07	0.12	-
49.3R3	041217_GM_1001_P_IN	-	0.00	-	0.01	-
50.6R3	072618_WA_1010_I_MI	0.00	0.00	0.01	0.04	-
50.6R3	072618_WA_1009_I_MI	0.00	0.00	0.01	0.04	-
50.6R3	072618_WA_1007_I_MI	0.00	0.00	0.07	0.13	-
50.6R3	072618_WA_1008_I_MI	-	-	0.12	0.07	-
50.7R3	072618_WA_1005_I_MI	0.00	-	0.04	0.04	-
50.7R3	072618_WA_1004_I_MI	0.00	0.00	0.01	0.07	-
50.7R3	072618_WA_1003_I_MI	0.00	0.00	-	-	-
50.7R3	072618_WA_1001_P_MI	0.00	0.01	0.06	0.12	-
50.7R3	072618_WA_1006_I_MI	-	-	0.04	0.02	-
50.7R3	072618_WA_1002_I_MI	-	-	0.01	0.01	-
Blue Mountain Lateral						
0.5R3	041017_GM_1001_P_IN	0.00	-	0.10	0.12	-
0.5R3	041017_GM_1001_P_MI	0.00	0.00	-	-	-
0.51R3	041117_GM_1002_E_MI	0.00	0.00	0.01	0.03	-
Kidder Compressor Station						
26.6	082515_BT_1001_P_IM	-	0.03	-	0.29	-

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Administrative Filing Fee						\$ 1,750.00
Per Acre Disturbance Fees						
			WATERCOURSE CHANNEL		FLOODWAY	
	Feature ID with Crossing	Impact in the	Impact in the	Impact in the	Impact in the	
	Number ²	Temporary	Permanent 50'	Temporary	Permanent 50'	
Milepost ¹		Construction	Operational ROW	Construction	Operational	Total Fee ⁵
		ROW (acres) ³	(acres) ⁴	ROW (acres) ³	ROW (acres) ⁴	
RIVERINE FEES - CARBON COUNTY						
Access Roads						
24.4	063017_GM_1001_I_MI	0.00	-	0.08	-	-
25.1	012617_GM_1002_P_MI	-	0.01	-	0.12	-
RIVERINE FEE TOTAL		0.28	0.38	4.49	7.00	\$ 78,400.00

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 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.

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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 - CARBON COUNTY						
PennEast Mainline Pipeline						
43.5R3	052215_JC_1001_LAKE_MA (1)	-	0.01	-	0.01	
44R3	052215_JC_1001_LAKE_MA (2)	-	0.03	-	0.01	
LACUSTRINE FEE TOTAL		-	0.03	-	0.01	\$ -

Notes:

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- 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.

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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
WETLAND FEES - CARBON COUNTY				
PennEast Mainline Pipeline				
24.2	110614_JC_004_PFO - 1	0.29	0.6	-
24.3	110614_JC_004_PFO - 2	0.00	0	-
24.5	110614_JC_002B_PFO	0.01	0.01	-
26.4	102114_JC_001B_PFO	0.04	0.05	-
26.4	102114_JC_001_PEM - 1	0.03	0.06	-
26.5	102114_JC_001_PEM - 2	0.10	0.14	-
26.7	102114_JC_001_PEM - 3	0.00	0.01	-
26.7	102114_JC_001A_PSS - 1	-	0.01	-
26.9R2	102114_JC_001A_PSS - 3	0.10	0.09	-
27R2	102314_JC_004_PEM	0.01	0	-
27.1R2	102314_JC_002_PFO - 1	0.03	0.01	-
27.1R2	102314_JC_002_PFO - 2	0.01	0.03	-
27.1R2	102314_JC_002_PSS	0.00	0.05	-
29.6R2	042415_JC_1005_PEM	0.00	-	-
29.6R2	050115_JC_1001_PFO	0.01	0	-
30.4R2	042415_JC_1003_PSS	0.62	0.44	-
31.1R2	042415_JC_1002_PEM	0.00	-	-
31R2	042415_JC_1001_PFO	0.00	-	-
32.6R3	110316_GM_1001_PFO	0.00	0.01	-
32.5R2	110316_GM_1001_PEM - 1	0.16	0.1	-
32.7R3	110316_GM_1001_PEM - 2	0.10	0.05	-
32.8R3	110316_GM_1001_PEM - 3	0.00	-	-
33.6R3	042115_JC_1003_PFO	0.18	0.15	-
34.7R2	042315_JC_1002_PEM	0.03	0.02	-
34.7R2	042315_JC_1001_PFO - 1	0.24	0.28	-
34.8R3	042315_JC_1001_PFO - 2	0.00	0	-

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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
WETLAND FEES - CARBON COUNTY				
35.4	042315_JC_1004_PFO	0.02	0.05	-
35.5	010716_GM_1001_VP	0.00	-	-
35.9	060117_MB_1001_PFO - 1	0.08	0.2	-
36	060117_MB_1001_PFO - 2	0.02	0	-
36	060117_MB_1001_PEM	0.06	-	-
36.1	060217_MB_1001_PEM	0.02	-	-
36.1	060217_MB_1001_PFO	0.02	-	-
36.5R3	050615_JC_1001_PFO - 1	0.01	-	-
36.6R3	050615_JC_1001_PFO - 2	0.01	-	-
37.1R3	061615_DB_1002_PFO	0.06	-	-
37.5	061615_DB_1001_PEM	0.00	-	-
41.2	020117_GM_1006_PFO	0.00	-	-
41.5	020117_GM_1001_PUB	0.05	-	-
44.8R2	041018_WA_002_PSS	0.01	-	-
45R2	052915_JC_1001_PEM	0.18	-	-
45.6	051115_JC_1001_PEM	0.01	-	-
48.1	090914_WA_001_PSS	0.07	-	-
48.1	090914_WA_002_PSS	0.01	-	-
49.3R3	041117_GM_1001_PFO	0.02	-	-
49.3R3	041117_GM_1001_PSS	0.10	-	-
50.6R3	072618_WA_001_PEM	0.01	-	-
50.6R4	072618_WA_002_PEM	0.14	-	-
Kidder Compressor Station				
26.8R2	102114_JC_001A_PSS - 2	0.26	-	-
26.8R2	102114_JC_001_PEM - 4	0.02	-	-
26.8R2	102114_JC_001_PFO	1.02	-	-
26.7	082515_BT_003_PEM	2.02	-	-

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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
WETLAND FEES - CARBON COUNTY				
26.6	112414_JC_004_PFO - 1	3.02	-	-
26.7	112414_JC_004_PFO - 2	4.02	-	-
26.6	082515_BT_004_PEM	5.02	-	-
WETLAND FEE TOTAL		18.24	2.36	\$ 92,000.00

Notes:

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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.
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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.