

B.4.b.(8)(i) Supplement to Route

A total of 60 wetlands were identified and delineated during the initial field delineation completed by McCain and filed with the original application to the ND-PSC (Exhibit D.1 – McCain Report).

Additional surveys which were completed after the initial filing of the PSC application identified three additional wetlands, one of which is directly crossed by the proposed pipeline, and two previously delineated wetlands were extended into the additional survey areas.¹ Additionally, it was determined that one wetland which was previously delineated (between mileposts 37.36 and 37.43) will not be crossed by the proposed pipeline.

An updated list of the wetland crossings by milepost is provided in Table 1 below. The pipeline route directly crosses 30 wetlands totaling approximately 1.30 miles in length.

UPDATED Table 6 Field Delineated Wetlands Crossed by the BPP US Route			
Milepost In	Milepost Out	Crossing Length (Feet)	Wetland Type ^a
29.11	29.12	74	PEMA
29.51	29.56	291	PEMC
29.83	29.94	571	PEMF
30.10	30.11	80	PEMF
30.40	30.41	17	PEMC
30.48	30.49	37	PEMCx
30.84	31.01	883	PEMF
31.43	31.49	322	PEMC
31.80	31.82	94	PEMC/PABF/PABFx
31.84	31.84	10	PEMC/PABF/PABFx
32.33	32.34	51	none
32.61	32.63	139	PEMA
32.65	32.72	351	PEMC
32.97	32.99	95	PEMC
33.05	33.18	710	PEMC
33.28	33.32	231	PEMC
33.89	33.94	217	PEMC
34.12	34.18	310	PEMC
34.33	34.34	68	PEMC
34.53	34.60	346	PEMC
35.16	35.34	977	PEMC

¹ EPND is filing the Wetland Delineation Report Addendum, completed by McCain as part of this supplemental filing.



UPDATED Table 6 Field Delineated Wetlands Crossed by the BPP US Route			
Milepost In	Milepost Out	Crossing Length (Feet)	Wetland Type ^a
35.51	35.52	31	none
36.11	36.16	291	PEMA
37.55 ^b	37.55 ^b	6 ^b	PEMA ^b
38.29	38.29	45	PEMA
38.76	38.77	16	PEMC
38.78	38.78	15	PEMC
39.52	39.57	256	PEMC
39.82	39.86	214	PEMC/PEMF/PABFx
39.92	39.94	100	PEMC/PEMF/PABFx
<u>TOTAL</u>		<u>6,842^c</u>	
^a Wetland Types based on Cowardin et al. wetland classification system, 1979. ^b Wetland delineated as part of McCain and Associates' Wetland Delineation Report Addendum ^c Crossing length has been updated.			

Given this updated information, assuming a construction right-of-way neck-down width of 85 feet in wetlands, approximately 13.4 acres² of wetlands would be temporarily impacted along the pipeline route during construction.

² Calculated as crossing length listed * Reduced Construction right-of-way width (85 ft)