

Table 2 Plan B Staging Area Water Surface Elevation and Downstream Impacts

Locaitons		100-yr			500yr			PMF		
Location Name	Cross Section/ Storage Area	EXwithEM	WPwithEM	ΔWP-EX	EXwithEM	WPwithEM	ΔWP-EX	EXnoEM	WPnoEM	ΔWP-EX
Red River @ Drayton, ND (30 mi. to Border)	1062362	802.33	802.37	0.04	803.87	804.04	0.17			
Red River @ Oslo, MN	1416287	813.52	813.53	0.01	814.21	814.33	0.12			
Red River @ Grand Forks, ND	1558518	832.72	832.79	0.07	836.40	836.98	0.58			
Red River @ Thompson, ND	1667877	846.78	846.76	-0.02	849.73	849.98	0.25			
Red River @ Climax, MN	1763746	856.88	856.83	-0.05	862.06	862.56	0.50			
Red River @ Nielsville, MN	1829877	860.92	860.86	-0.06	865.93	866.43	0.50			
Red River @ Shelly, MN	1891054	864.99	864.94	-0.05	868.00	868.35	0.35			
Red River @ Halstad, MN	1981580	868.22	868.15	-0.07	870.27	870.48	0.21			
Red River @ Hendrum, MN	2038409	872.57	872.42	-0.15	874.36	874.56	0.20			
Red River @ Perley, MN	2129181	877.26	877.22	-0.04	878.08	878.09	0.01			
Red River @ Georgetown, MN	2194021	881.79	881.93	0.14	882.58	882.75	0.17			
Red River @ Fargo/Moorhead (Fargo Gage)	2388223	904.16	899.73	-4.43	907.32	902.70	-4.62	908.27	907.52	-0.75
Western Tieback	WRSA313	913.87	920.85	6.98	914.49	922.42	7.93	918.13	923.38	5.25
Wild Rice River Upstream of Dam	69855	916.18	920.92	4.74	916.66	922.54	5.88	917.82	923.53	5.71
Red River Upstream of Dam	2531315	914.12	921.02	6.90	915.74	922.73	6.99	917.83	923.65	5.82
Red River @ Cass/Richland County Line	2578502	918.28	921.92	3.64	922.34	923.83	1.49	924.90	926.32	1.42
Wild Rice River @ Cass/Richland Co. Line	109018	922.27	922.43	0.16	923.86	923.96	0.10	926.35	926.41	0.06