

**Richland Wilkin JPA Members - Summary of Impacts
1%-Chance Event (100-year) - Preferred Alignment
Fargo-Moorhead Metro Flood Risk Management**

	Entity	State	County	Located In Staging Area	Impacted by Project (inundation)	Total Acres in Township/County	Existing Acres Impacted, 100-year Event (Blue)	Acres impacted with Project, 100-year event (Red)	Difference in Acres Impacted, 100-year Event (with project vs without project)	% of Township/County Area Impacted by Project that wouldn't be under existing conditions.	Additional Depth due to Project (ft), 100-year	Residential Structures Impacted by Project that wouldn't be under existing conditions (100-yr)	Description of Impacts	Letter Sent
1	Richland County	ND	Richland	Partial	Yes	925,436	11,976	13,047	1,071	0.1%	0-3	3	3 residential structures and 1071 acres impacted at 100-yr event that wouldn't be under existing conditions. Vast majority of additional-depth impacts to structures and acres are between 0-1 ft. The maximum depth increase of 3 ft applies to low ground at the very downstream extent of the county. Additional duration of flooding at elevations of concern estimated at 2-3 days. No impacts to county for 10-yr event. Approx. 788 acres are in Staging Area.	Full Report sent to County October 2012
2	City of Abercrombie	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the city.	Feb-13
3	City of Christine	ND	Richland	No	Yes	-	-	-	-	-	0-0.7	1	Located in Richland County. Approximately 1 residential structure and 13 acres impacted by project that wouldn't be under existing conditions. No impacts to city for 10-yr event.	Full Report sent to City October 2012
4	City of Colfax	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the city.	Feb-13
5	City of Mooreton	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the city.	Feb-13
6	Brandenburg Township	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
7	Colfax Township	ND	Richland	No	Yes	46,200	4,642	4,648	6	0.0%	0 - 0.01	-	Located in Richland County. Approximately 6 acres impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 0.01 ft. No impacts to township for 10-yr event.	Feb-13
8	Eagle Township	ND	Richland	Partial	Yes	11,900	2,805	3,026	221	1.9%	0 - 3	-	Located in Richland County. Approximately 221 acres impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 3 ft. The maximum depth increase of 3 ft. applies to low ground at the very downstream extent of the township. No impacts to township for 10-yr event.	Feb-13
9	Mooreton Township	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
10	Nansen Township	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
11	Sheyenne Township	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
12	Viking Township	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
13	Walcott Township	ND	Richland	Partial	Yes	45,100	4,496	5,337	841	1.9%	0 - 3	-	Located in Richland County. Approximately 841 acres impacted by Project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 3 ft. The maximum depth increase of 3 ft. applies to low ground at the very downstream extent of the township. No impacts to township for 10-yr event.	Feb-13
14	Waldo Township	ND	Richland	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
15	Wilkin County	MN	Wilkin	Partial	Yes	481,041	2,363	3,358	995	0.2%	0 - 2.5	2	2 residential structures and 995 acres would be impacted with the Project at 100-yr event that would not be under existing conditions. Vast majority of additional-depth impacts to structures and acres are between 0 - 1 ft. The maximum depth increase of 2.5 ft applies to low ground at the very downstream extent of the county. Additional duration at elevations of concern estimated at 2-3 days. No impacts to county for the 10-yr event. Approx. 450 acres are in Staging Area.	Full Report sent to County October 2012
16	City of Breckenridge	MN	Wilkin	No	No	-	-	-	-	-	-	-	Located in Wilkin County and outside the Study Area, the Project will have no impacts on the city.	Feb-13
17	City of Wolverton	MN	Wilkin	No	Yes	-	-	-	-	-	0-0.37	1	Located in Wilkin County. Approximately 1 residential structure impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0-0.37 ft. No impacts to city for 10-yr event.	Feb-13
18	City of Campbell	MN	Wilkin	No	No	-	-	-	-	-	-	-	Located in Wilkin County and outside the Study Area, the Project will have no impacts on the city.	Feb-13

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19	Wolverton Township	MN	Wilkin	Partial	Yes	18,800	2,239	3,225	986	5.2%	0 - 2.5	-	Located in Wilkin County. Approximately 986 acres impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 2.5 ft. The maximum depth increase of 2.5 ft. applies to low ground at the very downstream extent of the township. No impacts to township for 10-yr event.	Feb-13
20	Bakke Addition Home Association	ND	Cass	Yes	Yes	-	-	-	-	-	3.6 - 7.6	59	Located in Cass County. Approximately 59 residential structures impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 3.6 - 7.6 ft. Approved plan is a community buyout. Considering option for protection by ring levee.	Communicated via public meeting held Jan 8-10, 2013
21	City of Kindred	ND	Cass	No	No	-	-	-	-	-	-	-	Located in Richland County and outside the Study Area, the Project will have no impacts on the city.	Feb-13
22	Maple River Township	ND	Cass	No	No	-	-	-	-	-	-	-	Located in Cass County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
23	Normana Township	ND	Cass	No	No	-	-	-	-	-	-	-	Located in Cass County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
24	Pleasant Township	ND	Cass	Partial	Yes	24,900	11,926	18,167	6,241	25.1%	0 - 8	-	Located in Cass County. Approximately 6,241 acres impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 8 ft. Impacts to township for 10-yr event estimated at 0.1 ft and would be within channel.	Feb-13
25	City of Comstock	MN	Clay	Yes	Yes	-	-	-	-	-	0-3	18	Located in Clay County. Approximately 20 residential structures impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 3 ft. No impacts to city for 10-yr event. Would be protected by planned ring levee.	Feb-13
26	Alliance Township	MN	Clay	No	No	-	-	-	-	-	-	-	Located in Clay County and outside the Study Area, the Project will have no impacts on the township.	Feb-13
27	Holy Cross Township	MN	Clay	Partial	Yes	21,000	2,922	12,736	9,814	46.7%	0 - 8	-	Located in Clay County. Approximately 9,814 acres impacted by project that wouldn't be under existing conditions. Additional depth caused by Project estimated at 0 - 8 ft. Impacts to township for 10-yr event estimated at 0.1 ft and would be within channel.	Feb-13
28	Dickey County	ND	Dickey	No	No	-	-	-	-	-	-	-	Dickey County is approximately 150 miles south west of the Fargo-Moorhead metro, the Project will have no impacts to the county.	Feb-13
29	Kindred Public Schools	ND	Cass and Richland	Partial										No
30	Richland 44 School District	ND	Richland	Partial										No
31	Richland Co. Water Resource	ND	Richland											Full Report sent to County October 2012
32	SE County Commissioners													No