

2013 Wetland and Waterbody Field Survey Report

To be inserted in binder as Exhibit F.1



Enbridge

2013 North Dakota Wetland and Waterbody Field Survey Report (Rev B)

PRESENTED BY MERJENT, INC.
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TABLE OF CONTENTS

EXECUTIVE SUMMARY1
1.0 INTRODUCTION2
 1.1 PURPOSE OF SURVEYS2
 1.2 AGENCY CORRESPONDENCE2
2.0 METHODS2
 2.1 WETLANDS2
 2.2 WATERBODIES4
3.0 RESULTS4
 3.1 SURVEY COMPLETION4
 3.2 WETLAND AND WATERBODY SUMMARY4
4.0 REFERENCES6

TABLES

Table 3.0-1 – Wetland, Waterbody, and Cowardin Class Summary

FIGURES

Figure 1.1-0- Project Location Map

APPENDICES

- Appendix A – Agency Correspondence
- Appendix B – Map Index
- Appendix C – Desktop Environmental Features Exhibit
- Appendix D – Wetland and Waterbody Field Protocols
- Appendix E – Field-Collected Environmental Features Exhibit
- Appendix F – Wetland and Waterbody Features Table (included in filing)
- Appendix G – USACE Collected Data Forms
- Appendix H – Photos

Other Appendices available upon request

EXECUTIVE SUMMARY

Carlson McCain, Inc. (“McCain”), on behalf of Merjent, Inc. (“Merjent”) and Enbridge, conducted wetland and waterbody surveys in North Dakota during the 2013 growing season. Wetland and waterbody surveys were completed for 11,483.34 acres of the total 13,822.1 acre environmental survey corridor (83 percent). The remaining areas were not surveyed due to access restrictions or corridor modifications. Surveys will be conducted in the remaining areas during the 2014 growing season.

Wetland and waterbody surveys were conducted in accordance with U.S. Army Corps of Engineers (“USACE”) technical guidance. Specific objectives of the wetland and waterbody surveys were to:

- 1) Delineate wetland boundaries;
- 2) Categorize wetland community types of each wetland;
- 3) Locate and characterize waterbodies.

The 2013 wetland and waterbody surveys resulted in the identification of 1,312 wetlands and 117 waterbody features. Wetlands were primarily comprised of palustrine emergent, palustrine scrub-shrub, and palustrine forested vegetative communities. Waterbodies were comprised of Riverine Lower Perennial Unconsolidated Bottom, Riverine Intermittent Streambed, Riverine Ephemeral, Riverine Lower Perennial Unconsolidated Shore, and Riverine Upper Perennial Unconsolidated Bottom.

1.0 INTRODUCTION

Carlson McCain, Inc. (“McCain”), on behalf of Merjent, Inc. (“Merjent”) and Enbridge, conducted wetland and waterbody surveys in North Dakota during the 2013 growing season. Wetland and waterbody surveys were completed for 11,483.34 acres of the total 13,822.1 acre environmental survey corridor (83 percent). The remaining areas were not surveyed due to access restrictions or corridor modifications. Surveys will be conducted in the remaining areas during the 2014 growing season.

1.1 PURPOSE OF SURVEYS

McCain, on behalf of Merjent and Enbridge, conducted wetland and waterbody surveys in North Dakota during the 2013 growing season. Wetland and waterbody surveys were conducted in accordance with U.S. Army Corps of Engineers (“USACE”) technical guidance. The objectives of the wetland and waterbody surveys were to:

- 1) Delineate wetland boundaries;
- 2) Categorize wetland community types of each wetland; and
- 3) Locate and characterize waterbodies.

The environmental survey corridor in North Dakota extends from Enbridge’s Beaver Lodge Station south of Tioga, North Dakota to the North Dakota-Minnesota border, and crosses the following counties: Grand Forks, McHenry, Mountrail, Nelson, Pierce, Ramsey, Towner, Ward, and Williams (Figure 1.1-0). The environmental survey corridor covers approximately 299.27 miles and has an average width of 300 feet.

1.2 AGENCY CORRESPONDENCE

Enbridge, Merjent, and Minnesota Natural Resources, Inc. (“MNR”) met with Barbara Walther of USACE St. Paul District on April 10, 2013 to discuss planned survey protocols. Survey protocols were discussed and concurred with by USACE representatives. Refer to Appendix A for a copy of the correspondence with USACE.

2.0 METHODS

2.1 WETLANDS

Wetland surveys were based on the criteria and methods outlined in the *Corps of Engineers Wetlands Delineation Manual*, Technical Report Y-87-1 (1987), subsequent guidance documents (USACE, 1991, 1992), and applicable Regional Supplements to the *Corps of Engineers Wetland Delineation Manual*.

McCain completed a desktop evaluation of available resources to prepare for the survey effort, which included U.S. Geological Survey topographic maps, Natural Resources Conservation Service (“NRCS”) soil survey data, U.S. Fish and Wildlife Service National Wetland Inventory (“NWI”) data, and aerial photographs. These data were compiled on the same map base to approximate baseline field conditions; Appendix B presents a Map Index of the environmental survey corridor and Appendix C presents detailed maps showing soil and water environmental features.

Onsite wetland delineations were conducted using the three criteria technical approach (i.e., vegetation, soil, and hydrology) as described in the Wetland Field Survey Protocol (see Appendix D), and as defined in the USACE 1987 Manual and the applicable Regional Supplement. According to procedures described in the 1987 Manual and applicable Regional Supplement, areas that under normal circumstances reflect a predominance of hydrophytic vegetation, hydric soils, and wetland hydrology (e.g., inundated or saturated soils) are considered wetlands. Wetland sample points and boundaries were field located and recorded using GPS technology. Collected field data was then reviewed, geospatially corrected, and consolidated for use in corridor evaluation and impact analyses.

2.2 WATERBODIES

Waterbody features were identified, classified, and documented according to the methodology outlined in the Waterbody Field Survey Protocol provided in Appendix D. Waterbodies were field located and delineated using GPS technology. Physical characteristics of each waterbody were field documented, such as top of bank width, ordinary high water mark (“OHWM”) width, top of bank depth, OHWM depth, substrate type, estimated water velocity, approach slope, and water-course type. OHWMs, if present, were identified as defined by USACE Regulatory Guidance Letter (RGL) 05-05.

3.0 RESULTS

3.1 SURVEY COMPLETION

The environmental survey corridor is located within Grand Forks, McHenry, Mountrail, Nelson, Pierce, Ramsey, Towner, Ward, and Williams counties. Wetland and waterbody surveys were completed for 11,483.34 acres of the total 13,822.1 acre environmental survey corridor (83 percent). The remaining areas were not surveyed due to access restrictions or corridor modifications. Surveys will continue in the remaining areas during the 2014 growing season.

3.2 WETLAND AND WATERBODY SUMMARY

2013 wetland and waterbody field surveys identified 1,312 wetlands and 117 waterbodies, illustrated by Cowardin classification in the figures provided in Appendix E and listed in tabular format in Appendix F. Table 3.0-1 identifies the wetland and waterbody Cowardin classes documented in the environmental survey corridor. Soil type, hydrology, vegetative composition, and the Cowardin class of each sampled wetland were documented on the USACE wetland delineation forms provided in Appendix G. Wetland classes observed to be present in the environmental survey corridor include: Palustrine Emergent (“PEM”), Palustrine Scrub-Shrub (“PSS”), Palustrine Forested (“PFO”), and Palustrine Unconsolidated Bottom (“PUB”). Waterbody classes present in the environmental survey corridor include: Riverine Lower Perennial Unconsolidated Bottom (“R2UB”), Riverine Intermittent Streambed (“R4SB”), Riverine

Ephemeral (“R6”), Riverine Lower Perennial Unconsolidated Shore (“R2US”), and Riverine Upper Perennial Unconsolidated Bottom (“R3UB”). Wetland acreage within the environmental survey corridor totaled 1592 acres with Cowardin class acreage identified as follows: 1581 acres of PEM, 2.84 acres of PSS, and 1.1 acres of PFO. Professional judgment was used to identify ditches, which are features that appeared to be mechanically channelized and lacked an OHWM. Appendix F describes the Cowardin class, flow rate, bank height and width, OHWM height and width, substrate, dominate riparian vegetation, waterbody name, and agency designation (if applicable) of each waterbody identified within the environmental survey corridor. Photographs were taken at each sampled wetland and waterbody site to record the general conditions at the time of the field survey, and are presented in Appendix H.

Table 3.0-1 Wetland, Waterbody, and Cowardin Class Summary												
County	Feature Category	Number of Documented Features	Cowardin Classes Identified									
			PEM	PSS	PFO	L2UB	R2UB	R4SB	R6	R2US	R3UB	Ditch
Grand Forks	Wetlands	81	78	-	3	-	-	-	-	-	-	-
	Waterbodies	20	-	-	-	-	3	2	6	1	2	5
McHenry	Wetlands	181	178	3	-	-	-	-	-	-	-	-
	Waterbodies	4	-	-	-	-	1	1	-	-	2	-
Mountrail	Wetlands	157	154	-	-	3	-	-	-	-	-	-
	Waterbodies	11	-	-	-	-	1	2	5	-	1	2
Nelson	Wetlands	187	187	-	-	-	-	-	-	-	-	-
	Waterbodies	8	-	-	-	-	-	-	-	-	-	8
Pierce	Wetlands	197	196	-	-	1	-	-	-	-	-	-
	Waterbodies	14	-	-	-	-	-	7	2	-	2	3
Ramsey	Wetlands	115	114	1	-	-	-	-	-	-	-	-
	Waterbodies	22	-	-	-	-	1	-	1	-	5	16
Towner	Wetlands	136	136	-	-	-	-	-	-	-	-	-
	Waterbodies	16	-	-	-	-	1	3	3	1	1	7
Ward	Wetlands	250	250	-	-	-	-	-	-	-	-	-
	Waterbodies	18	-	-	-	-	5	5	1	-	1	6
Williams	Wetlands	8	8	-	-	-	-	-	-	-	-	-
	Waterbodies	4	-	-	-	-	-	-	2	2	-	-

4.0 REFERENCES

- Cowardin, L.M., V. Carter, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, Office of Biological Services. FWS/OBS-79/31. Washington, D.C. 20240.
- Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.
- Reed, P. 1988. National List of Plant Species that Occur in Wetlands. National Wetland Inventory, U.S. Department of the Interior, Fish and Wildlife Service, St. Petersburg, FL.
- U.S. Army Corps of Engineers (USACE) "Clarification of the Phrase "Normal Circumstances" as it pertains to Cropped Wetlands," Regulatory Guidance Letter (RGL) 90-7 dated 26 September 1990.
- USACE. 2009. "Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region," ed. J.S. Wakeley, R.W. Lichvar, and C.V. Noble. ERDC/EL TR-09-19. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- USACE "Implementation of the 1987 Corps Wetland Delineation Manual," memorandum from John P. Elmore dated 27 August 1991.
- USACE. 2010. "Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)," ed. J.S. Wakeley, R.W. Lichvar, and C.V. Noble. ERDC/EL TR-10-16. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- USACE "Questions & Answers on the 1987 Manual," memorandum from John F. Study dated 7 October 1991.
- USACE "Clarification and Interpretation of the 1987 Manual," memorandum from Major General Arthur E. Williams dated 6 March 1992.
- USACE "NRCS Field Indicators of Hydric Soils," memorandum from John F. Study dated 21 March 1997.
- United States Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS).
- USDA, NRCS. 2010. Field Indicators of Hydric Soils in the United States, Version 7.0. L.M. Vasilas, G.W. Hurt, and C.V. Noble (eds.). USDA, NRCS in cooperation with the National Technical Committee for Hydric Soils.
- USDA, Soil Conservation Service, Soil Survey.
- United States Geological Survey, Indiana 7.5 Minute Series (Topographic) Maps
- Wetland Training Institute, Inc. 1995. Field Guide for Wetland Delineation; 1987 Corps of Engineers Manual, Glenwood, NM.

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Williams	WI002a1W	8/21/2013	PEM	None
Williams	WI008a1W	8/21/2013	PEM	None
Williams	WI011a1W	6/24/2013	PEM	None
Williams	WI012a1W	8/21/2013	PEM	None
Williams	WI012b1W	8/21/2013	PEM	None
Williams	WI013a1W	8/21/2013	PEM	None
Williams	WI013b1W	8/21/2013	PEM	None
Williams	WI013c1W	8/21/2013	PEM	None
Mountrail	MO002a1W	8/5/2013	PEM	None
Mountrail	MO002b1W	8/5/2013	PEM	None
Mountrail	MO003b1W	9/3/2013	PEM	None
Mountrail	MO005a1W	8/5/2013	PEM	None
Mountrail	MO015a1W	6/25/2013	PEM	None
Mountrail	MO019a1W	8/1/2013	PEM	None
Mountrail	MO021a1W	8/1/2013	PEM	None
Mountrail	MO021c1W	8/1/2013	PEM	None
Mountrail	MO023a1W	8/5/2013	PEM	None
Mountrail	MO023b1W	8/5/2013	PEM	None
Mountrail	MO023c1W	8/5/2013	PEM	None
Mountrail	MO024a1W	8/5/2013	PEM	None
Mountrail	MO024b1W	8/5/2013	PEM	None
Mountrail	MO024c1W	8/5/2013	PEM	None
Mountrail	MO025a1W	6/26/2013	PEM	None
Mountrail	MO026a1W	7/29/2013	PEM	None
Mountrail	MO026b1W	7/29/2013	PEM	None
Mountrail	MO027a1W	8/21/2013	PEM	None
Mountrail	MO027b1W	8/21/2013	PEM	None
Mountrail	MO028a1W	8/21/2013	PEM	None
Mountrail	MO028b1W	8/21/2013	PEM	None
Mountrail	MO028c1W	8/21/2013	PEM	None
Mountrail	MO029_200a1W	8/1/2013	PEM	None
Mountrail	MO029_200b1W	8/1/2013	PEM	None
Mountrail	MO029a1W	8/1/2013	PEM	None
Mountrail	MO029b1W	8/1/2013	PEM	None
Mountrail	MO029c1W	8/1/2013	PEM	None
Mountrail	MO031a1W	8/1/2013	PEM	None
Mountrail	MO031b1W	8/1/2013	PEM	None
Mountrail	MO031c1W	8/1/2013	PEM	None
Mountrail	MO031d1W	8/1/2013	PEM	None
Mountrail	MO031e1W	8/1/2013	PEM	None
Mountrail	MO031f1W	9/9/2013	PEM	None
Mountrail	MO032a1W	9/9/2013	PEM	None
Mountrail	MO033a1W	9/9/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Mountrail	MO033b1W	8/1/2013	PEM	None
Mountrail	MO034a1W	8/1/2013	L2UB	None
Mountrail	MO034b1W	8/1/2013	PEM	None
Mountrail	MO035a1W	8/2/2013	PEM	None
Mountrail	MO036a1W	8/2/2013	PEM	None
Mountrail	MO036b1W	8/2/2013	PEM	None
Mountrail	MO036c1W	8/2/2013	PEM	None
Mountrail	MO036d1W	8/2/2013	PEM	None
Mountrail	MO037a1W	8/2/2013	PEM	None
Mountrail	MO037c1W	8/2/2013	PEM	None
Mountrail	MO038a1W	8/2/2013	PEM	None
Mountrail	MO038b1W	8/2/2013	PEM	None
Mountrail	MO038c1W	8/2/2013	PEM	None
Mountrail	MO038d1W	8/2/2013	PEM	None
Mountrail	MO039a1W	8/2/2013	PEM	None
Mountrail	MO041a1W	8/1/2013	PEM	None
Mountrail	MO041b1W	8/1/2013	PEM	None
Mountrail	MO042a1W	8/1/2013	PEM	None
Mountrail	MO043a1W	8/1/2013	PEM	None
Mountrail	MO043b1W	8/1/2013	PEM	None
Mountrail	MO043b2W	9/3/2013	PEM	None
Mountrail	MO045a1W	8/1/2013	PEM	None
Mountrail	MO046a1W	8/1/2013	PEM	None
Mountrail	MO047a1W	8/1/2013	PEM	None
Mountrail	MO047b1W	8/1/2013	PEM	None
Mountrail	MO052a1W	8/2/2013	PEM	None
Mountrail	MO053a1W	8/2/2013	PEM	None
Mountrail	MO056_210a1W	9/3/2013	PEM	None
Mountrail	MO056_210b1W	9/3/2013	PEM	None
Mountrail	MO057a1W	8/2/2013	PEM	None
Mountrail	MO057b1W	8/2/2013	PEM	None
Mountrail	MO058a1W	9/4/2013	PEM	None
Mountrail	MO058b1W	9/4/2013	PEM	None
Mountrail	MO059a1W	6/25/2013	PEM	None
Mountrail	MO059b1W	6/25/2013	PEM	None
Mountrail	MO060a1W	8/27/2013	PEM	None
Mountrail	MO060b1W	8/27/2013	PEM	None
Mountrail	MO062a1W	8/2/2013	PEM	None
Mountrail	MO064a1W	8/6/2013	PEM	None
Mountrail	MO064b1W	8/6/2013	PEM	None
Mountrail	MO065a1W	8/6/2013	PEM	None
Mountrail	MO067a1W	7/29/2013	PEM	None
Mountrail	MO067b1W	7/29/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Mountrail	MO067c1W	7/29/2013	PEM	None
Mountrail	MO068a1W	7/29/2013	PEM	None
Mountrail	MO068b1W	7/29/2013	PEM	None
Mountrail	MO068c1W	7/29/2013	PEM	None
Mountrail	MO070a1W	8/27/2013	PEM	None
Mountrail	MO071b1W	8/27/2013	PEM	None
Mountrail	MO072a1W	8/27/2013	PEM	None
Mountrail	MO072b1W	8/27/2013	PEM	None
Mountrail	MO072c1W	8/27/2013	PEM	None
Mountrail	MO072d1W	8/27/2013	PEM	None
Mountrail	MO073a1W	8/5/2013	PEM	None
Mountrail	MO073b1W	8/5/2013	PEM	None
Mountrail	MO075a1W	7/3/2013	PEM	None
Mountrail	MO075b1W	7/3/2013	PEM	None
Mountrail	MO075c1W	7/3/2013	PEM	None
Mountrail	MO076a1W	8/5/2013	PEM	None
Mountrail	MO076b1W	8/5/2013	PEM	None
Mountrail	MO076c1W	8/5/2013	PEM	None
Mountrail	MO076d1W	8/5/2013	PEM	None
Mountrail	MO076f1W	8/5/2013	PEM	None
Mountrail	MO076g1W	8/5/2013	PEM	None
Mountrail	MO076h1W	8/5/2013	PEM	None
Mountrail	MO077a1W	8/27/2013	PEM	None
Mountrail	MO077b1W	8/27/2013	PEM	None
Mountrail	MO077c1W	8/27/2013	PEM	None
Mountrail	MO077d1W	8/27/2013	PEM	None
Mountrail	MO077e1W	8/27/2013	PEM	None
Mountrail	MO078a1W	6/26/2013	PEM	None
Mountrail	MO078b1W	6/26/2013	PEM	None
Mountrail	MO078c1W	6/26/2013	PEM	None
Mountrail	MO078d1W	6/26/2013	PEM	None
Mountrail	MO078e1W	6/26/2013	PEM	None
Mountrail	MO079a1W	6/26/2013	PEM	None
Mountrail	MO079b1W	6/26/2013	PEM	None
Mountrail	MO079c1W	6/26/2013	PEM	None
Mountrail	MO079d1W	6/26/2013	PEM	None
Mountrail	MO079e1W	6/26/2013	PEM	None
Mountrail	MO079f1W	6/26/2013	PEM	None
Mountrail	MO080a1W	7/1/2013	PEM	None
Mountrail	MO080b1W	7/1/2013	PEM	None
Mountrail	MO080c1W	7/1/2013	PEM	None
Mountrail	MO080d1W	7/1/2013	PEM	None
Mountrail	MO083a1W	7/1/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Mountrail	MO084a1W	7/1/2013	PEM	None
Mountrail	MO085a1W	7/1/2013	PEM	None
Mountrail	MO085b1W	7/1/2013	PEM	None
Mountrail	MO085c1W	7/1/2013	PEM	None
Mountrail	MO085d1W	7/1/2013	PEM	None
Mountrail	MO085e1W	7/1/2013	PEM	None
Mountrail	MO086a1W	7/1/2013	PEM	None
Mountrail	MO087a1W	7/1/2013	PEM	None
Mountrail	MO088a1W	7/1/2013	PEM	None
Mountrail	MO090_100a1W	7/2/2013	PEM	None
Mountrail	MO091a1W	7/2/2013	PEM	None
Mountrail	MO092a1W	7/2/2013	PEM	None
Mountrail	MO092b1W	7/2/2013	PEM	None
Mountrail	MO092c1W	7/2/2013	PEM	None
Mountrail	MO092d1W	7/2/2013	PEM	None
Mountrail	MO093a1W	7/2/2013	PEM	None
Mountrail	MO093b1W	7/2/2013	PEM	None
Mountrail	MO093c1W	7/2/2013	PEM	None
Mountrail	MO096a1W	7/2/2013	PEM	None
Mountrail	MO096b1W	7/2/2013	PEM	None
Mountrail	MO097a1W	7/3/2013	PEM	None
Mountrail	MO097b1W	7/3/2013	PEM	None
Mountrail	MO097c1W	7/3/2013	PEM	None
Mountrail	MO098b1W	7/3/2013	PEM	None
Mountrail	MO099a1W	7/3/2013	PEM	None
Mountrail	MO101a1W	8/5/2013	L2UB	None
Mountrail	MO102a1W	8/5/2013	L2UB	None
Mountrail	MO103_100a1W	8/5/2013	PEM	None
Mountrail	MO103a1W	7/30/2013	PEM	None
Mountrail	MO103b1W	7/30/2013	PEM	None
Mountrail	MO104a1W	7/30/2013	PEM	None
Mountrail	MO104b1W	7/30/2013	PEM	None
Mountrail	MO104c1W	7/30/2013	PEM	None
Mountrail	MO104d1W	7/30/2013	PEM	None
Mountrail	MO105a1W	7/30/2013	PEM	None
Mountrail	MO22a1W	8/5/2013	PEM	None
Ward	WA001_100a1W	6/24/2013	PEM	None
Ward	WA001_100b1W	6/27/2013	PEM	None
Ward	WA001_100c1W	6/27/2013	PEM	None
Ward	WA001a1W	6/24/2013	PEM	None
Ward	WA001b1W	6/24/2013	PEM	None
Ward	WA001c1W	6/24/2013	PEM	None
Ward	WA001d1W	6/24/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ward	WA002a1W	6/27/2013	PEM	None
Ward	WA002b1W	6/27/2013	PEM	None
Ward	WA003a1W	6/27/2013	PEM	None
Ward	WA003b1W	6/27/2013	PEM	None
Ward	WA003c1W	6/27/2013	PEM	None
Ward	WA004a1W	6/27/2013	PEM	None
Ward	WA004b1W	6/27/2013	PEM	None
Ward	WA005a1W	9/4/2013	PEM	None
Ward	WA005b1W	9/4/2013	PEM	None
Ward	WA005c1W	9/4/2013	PEM	None
Ward	WA006a1W	9/4/2013	PEM	None
Ward	WA007a1W	7/11/2013	PEM	None
Ward	WA007b1W	7/11/2013	PEM	None
Ward	WA007c1W	7/11/2013	PEM	None
Ward	WA007d1W	7/11/2013	PEM	None
Ward	WA008a1W	7/9/2013	PEM	None
Ward	WA008b1W	7/9/2013	PEM	None
Ward	WA008c1W	7/9/2013	PEM	None
Ward	WA008d1W	7/9/2013	PEM	None
Ward	WA009a1W	7/9/2013	PEM	None
Ward	WA009b1W	7/9/2013	PEM	None
Ward	WA009c1W	7/9/2013	PEM	None
Ward	WA009d1W	7/9/2013	PEM	None
Ward	WA010a1W	7/9/2013	PEM	None
Ward	WA010c1W	7/9/2013	PEM	None
Ward	WA010d1W	7/9/2013	PEM	None
Ward	WA010e1W	7/9/2013	PEM	None
Ward	WA010f1W	7/9/2013	PEM	None
Ward	WA010g1W	7/9/2013	PEM	None
Ward	WA010h1W	7/9/2013	PEM	None
Ward	WA010i1W	7/11/2013	PEM	None
Ward	WA010j1W	7/9/2013	PEM	None
Ward	WA012a1W	7/11/2013	PEM	None
Ward	WA012b1W	7/11/2013	PEM	None
Ward	WA012c1W	9/9/2013	PEM	None
Ward	WA013a1W	8/6/2013	PEM	None
Ward	WA013b1W	8/6/2013	PEM	None
Ward	WA013c1W	8/6/2013	PEM	None
Ward	WA013d1W	8/6/2013	PEM	None
Ward	WA016a1W	8/6/2013	PEM	None
Ward	WA018a1W	8/6/2013	PEM	None
Ward	WA018b1W	8/6/2013	PEM	None
Ward	WA018c1W	8/6/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ward	WA018d1W	8/6/2013	PEM	None
Ward	WA018e1W	8/6/2013	PEM	None
Ward	WA018f1W	8/6/2013	PEM	None
Ward	WA019a1W	8/6/2013	PEM	None
Ward	WA020a1W	8/6/2013	PEM	None
Ward	WA020b1W	8/6/2013	PEM	None
Ward	WA021_100a1W	8/7/2013	PEM	None
Ward	WA021a1W	8/7/2013	PEM	None
Ward	WA022_900a1W	8/7/2013	PEM	None
Ward	WA022a1W	8/7/2013	PEM	None
Ward	WA022b1W	8/7/2013	PEM	None
Ward	WA022c1W	8/7/2013	PEM	None
Ward	WA023A1W	8/7/2013	PEM	None
Ward	WA023b1W	8/7/2013	PEM	None
Ward	WA024_900a1W	8/8/2013	PEM	None
Ward	WA024a1W	8/7/2013	PEM	None
Ward	WA025a1W	8/8/2013	PEM	None
Ward	WA025b1W	8/8/2013	PEM	None
Ward	WA025c1W	8/8/2013	PEM	None
Ward	WA026a1W	8/8/2013	PEM	None
Ward	WA026b1W	8/8/2013	PEM	None
Ward	WA026d1W	8/8/2013	PEM	None
Ward	WA026e1W	8/8/2013	PEM	None
Ward	WA026f1W	8/8/2013	PEM	None
Ward	WA027a1W	8/8/2013	PEM	None
Ward	WA027b1W	8/8/2013	PEM	None
Ward	WA027c1W	8/8/2013	PEM	None
Ward	WA028a1W	8/12/2013	PEM	None
Ward	WA028b1W	8/12/2013	PEM	None
Ward	WA028c1W	8/12/2013	PEM	None
Ward	WA028d1W	8/12/2013	PEM	None
Ward	WA028e1W	8/12/2013	PEM	None
Ward	WA028f1W	8/12/2013	PEM	None
Ward	WA029a1W	8/12/2013	null	None
Ward	WA029b1W	8/12/2013	PEM	None
Ward	WA030_900RDa1W	8/12/2013	PEM	None
Ward	WA030a1W	8/12/2013	PEM	None
Ward	WA030b1W	8/12/2013	PEM	None
Ward	WA030c1W	8/12/2013	PEM	None
Ward	WA030d1W	8/12/2013	PEM	None
Ward	WA030e1W	8/12/2013	PEM	None
Ward	WA031a1W	8/12/2013	PEM	None
Ward	WA031b1W	8/12/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ward	WA031c1W	8/12/2013	PEM	None
Ward	WA031d1W	8/12/2013	PEM	None
Ward	WA031e1W	8/12/2013	PEM	None
Ward	WA032a1W	8/12/2013	PEM	None
Ward	WA032b1W	8/12/2013	PEM	None
Ward	WA033a1W	8/12/2013	PEM	None
Ward	WA035a1W	8/13/2013	PEM	None
Ward	WA036a1W	8/13/2013	PEM	None
Ward	WA039a1W	8/13/2013	PEM	None
Ward	WA041a1W	9/3/2013	PEM	None
Ward	WA048a1W	8/6/2013	PEM	None
Ward	WA049a1W	8/6/2013	PEM	None
Ward	WA049b1W	8/6/2013	PEM	None
Ward	WA049c1W	8/6/2013	PEM	None
Ward	WA050a1W	8/6/2013	PEM	None
Ward	WA054a1W	8/13/2013	PEM	None
Ward	WA055a1W	8/13/2013	PEM	None
Ward	WA055c1W	8/13/2013	PEM	None
Ward	WA055d1W	8/13/2013	PEM	None
Ward	WA055e1W	8/13/2013	PEM	None
Ward	WA055f1W	8/13/2013	PEM	None
Ward	WA057a1W	8/13/2013	PEM	None
Ward	WA057b1W	8/13/2013	PEM	None
Ward	WA057c1W	8/14/2013	PEM	None
Ward	WA057e1W	8/14/2013	PEM	None
Ward	WA058a1W	8/14/2013	PEM	None
Ward	WA058b1W	8/14/2013	PEM	None
Ward	WA059_100a1W	9/3/2013	PEM	None
Ward	WA059_100b1W	9/3/2013	PEM	None
Ward	WA059_100d1W	9/3/2013	PEM	None
Ward	WA059_100e1W	9/3/2013	PEM	None
Ward	WA059a1W	9/3/2013	PEM	None
Ward	WA061a1W	8/14/2013	PEM	None
Ward	WA062a1W	8/14/2013	PEM	None
Ward	WA062b1W	8/14/2013	PEM	None
Ward	WA062c1W	8/14/2013	PEM	None
Ward	WA062d1W	8/14/2013	PEM	None
Ward	WA063_000RDa1W	8/14/2013	PEM	None
Ward	WA064a1W	8/15/2013	PEM	None
Ward	WA064b1W	8/15/2013	PEM	None
Ward	WA064c1W	8/15/2013	PEM	None
Ward	WA064d1W	8/15/2013	PEM	None
Ward	WA064e1W	8/15/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ward	WA065a1W	8/14/2013	PEM	None
Ward	WA065b1W	8/14/2013	PEM	None
Ward	WA065c1W	8/14/2013	PEM	None
Ward	WA066a1W	8/15/2013	PEM	None
Ward	WA066b1W	8/15/2013	PEM	None
Ward	WA066c1W	8/15/2013	PEM	None
Ward	WA068a1w	8/16/2013	PEM	None
Ward	WA069a1w	8/16/2013	PEM	None
Ward	WA069b1W	8/16/2013	PEM	None
Ward	WA070a1W	7/15/2013	PEM	None
Ward	WA070b1W	7/15/2013	PEM	None
Ward	WA070c1W	7/15/2013	PEM	None
Ward	WA070d1W	7/15/2013	PEM	None
Ward	WA071a1W	8/16/2013	PEM	None
Ward	WA071b1w	8/16/2013	PEM	None
Ward	WA071c1W	8/16/2013	PEM	None
Ward	WA071d1W	8/16/2013	PEM	None
Ward	WA071e1w	8/16/2013	PEM	None
Ward	WA072a1W	8/19/2013	PEM	None
Ward	WA072b1W	8/19/2013	PEM	None
Ward	WA072c1W	8/19/2013	PEM	None
Ward	WA072d1W	8/19/2013	PEM	None
Ward	WA072e1W	8/19/2013	PEM	None
Ward	WA072f1W	8/19/2013	PEM	None
Ward	WA072g1W	8/19/2013	PEM	None
Ward	WA073a1W	8/19/2013	PEM	None
Ward	WA073b1W	8/19/2013	PEM	None
Ward	WA073c1W	8/19/2013	PEM	None
Ward	WA073d1W	8/19/2013	PEM	None
Ward	WA073e1W	8/19/2013	PEM	None
Ward	WA073f1W	8/19/2013	PEM	None
Ward	WA074a1W	10/9/2013	PEM	None
Ward	WA075a1W	9/5/2013	PEM	None
Ward	WA075b1W	9/5/2013	PEM	None
Ward	WA076a1W	8/20/2013	PEM	None
Ward	WA076b1W	8/20/2013	PEM	None
Ward	WA076c1W	8/20/2013	PEM	None
Ward	WA076d1W	8/20/2013	PEM	None
Ward	WA077a1W	8/20/2013	PEM	None
Ward	WA077b1W	8/20/2013	PEM	None
Ward	WA077c1W	8/20/2013	PEM	None
Ward	WA077d1W	8/20/2013	PEM	None
Ward	WA080a1W	8/20/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ward	WA080b1W	8/20/2013	PEM	None
Ward	WA082a1W	8/21/2013	PEM	None
Ward	WA084a1W	8/21/2013	PEM	None
Ward	WA084b1W	8/21/2013	PEM	None
Ward	WA086a1W	7/10/2013	PEM	None
Ward	WA086b1W	7/10/2013	PEM	None
Ward	WA086c1W	7/10/2013	PEM	None
Ward	WA086d1W	7/10/2013	PEM	None
Ward	WA086e1W	7/10/2013	PEM	None
Ward	WA086f1W	7/10/2013	PEM	None
Ward	WA087a1W	7/10/2013	PEM	None
Ward	WA087b1W	7/10/2013	PEM	None
Ward	WA087c1W	7/10/2013	PEM	None
Ward	WA088a1W	7/15/2013	PEM	None
Ward	WA088b1W	7/15/2013	PEM	None
Ward	WA088c1W	7/15/2013	PEM	None
Ward	WA088d1W	7/15/2013	PEM	None
Ward	WA089a1W	7/16/2013	PEM	None
Ward	WA089b1W	7/16/2013	PEM	None
Ward	WA089c1W	7/18/2013	PEM	None
Ward	WA090a1W	7/18/2013	PEM	None
Ward	WA090b1W	7/17/2013	PEM	None
Ward	WA090c1W	7/17/2013	PEM	None
Ward	WA090d1W	7/17/2013	PEM	None
Ward	WA090e1W	7/17/2013	PEM	None
Ward	WA090f1W	7/17/2013	PEM	None
Ward	WA090g1W	7/18/2013	PEM	None
Ward	WA091a1W	7/18/2013	PEM	None
Ward	WA091b1W	7/18/2013	PEM	None
Ward	WA091c1W	7/18/2013	PEM	None
Ward	WA092a1W	7/18/2013	PEM	None
Ward	WA093a1W	7/19/2013	PEM	None
Ward	WA093b1W	7/19/2013	PEM	None
Ward	WA093c1W	7/19/2013	PEM	None
Ward	WA093d1W	7/19/2013	PEM	None
Ward	WA093e1W	7/19/2013	PEM	None
Ward	WA094a1W	7/30/2013	PEM	None
Ward	WA094b1W	7/30/2013	PEM	None
Ward	WA094c1W	7/30/2013	PEM	None
Ward	WA094d1W	7/30/2013	PEM	None
Ward	WA094e1W	7/30/2013	PEM	None
Ward	WA094f1W	7/30/2013	PEM	None
Ward	WA094g1W	7/30/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ward	WA095a1W	8/21/2013	PEM	None
Ward	WA095c1W	8/21/2013	PEM	None
Ward	WA095d1W	8/21/2013	PEM	None
Ward	WA095f1W	8/21/2013	PEM	None
Ward	WA096b1W	8/21/2013	PEM	None
Ward	WA097a1W	8/16/2013	PEM	None
Ward	WA097b1W	8/16/2013	PEM	None
Ward	WA097c1W	8/16/2013	PEM	None
Ward	WA097d1W	8/16/2013	PEM	None
Ward	WA097e1W	8/16/2013	PEM	None
Ward	WA097f1W	8/16/2013	PEM	None
Ward	WA099a1W	7/30/2013	PEM	None
Ward	WA099b1W	7/30/2013	PEM	None
Ward	WA099c1W	7/30/2013	PEM	None
Ward	WA099d1W	7/30/2013	PEM	None
Ward	WA099e1W	7/31/2013	PEM	None
Ward	WA099f1W	7/31/2013	PEM	None
Ward	WA099g1W	7/31/2013	PEM	None
Ward	WA100a1W	8/16/2013	PEM	None
Ward	WA100b1W	8/16/2013	PEM	None
Ward	WA100c1W	8/16/2013	PEM	None
Ward	WA100d1W	8/16/2013	PEM	None
Ward	WA100e1W	8/16/2013	PEM	None
Ward	WA101_200a1W	8/16/2013	PEM	None
Ward	WA101a1W	8/16/2013	PEM	None
Ward	WA101b1W	8/16/2013	PEM	None
Ward	WA101c1W	8/16/2013	PEM	None
Ward	WA101d1W	8/16/2013	PEM	None
McHenry	MC001a1W	8/21/2013	PEM	None
McHenry	MC003a1W	8/21/2013	PEM	None
McHenry	MC003b1W	8/21/2013	PEM	None
McHenry	MC003c1W	8/21/2013	PEM	None
McHenry	MC003d1W	8/22/2013	PEM	None
McHenry	MC007a1W	9/4/2013	PEM	None
McHenry	MC008a1W	7/31/2013	PEM	None
McHenry	MC008b1W	7/31/2013	PEM	None
McHenry	MC008c1W	7/31/2013	PEM	None
McHenry	MC008d1W	7/31/2013	PEM	None
McHenry	MC008e1W	7/31/2013	PEM	None
McHenry	MC008f1W	7/31/2013	PEM	None
McHenry	MC010a1W	7/31/2013	PEM	None
McHenry	MC011a1W	8/22/2013	PEM	None
McHenry	MC011b1W	8/22/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
McHenry	MC011c1W	8/22/2013	PEM	None
McHenry	MC011d1W	8/22/2013	PEM	None
McHenry	MC011e1W	8/22/2013	PEM	None
McHenry	MC011f1W	8/22/2013	PEM	None
McHenry	MC012a1W	7/31/2013	PEM	None
McHenry	MC012b1W	7/31/2013	PEM	None
McHenry	MC012c1W	7/31/2013	PEM	None
McHenry	MC013a1W	8/28/2013	PEM	None
McHenry	MC013b1W	8/28/2013	PEM	None
McHenry	MC013c1W	8/28/2013	PEM	None
McHenry	MC013d1W	8/28/2013	PEM	None
McHenry	MC013e1W	8/28/2013	PEM	None
McHenry	MC014a1W	8/28/2013	PEM	None
McHenry	MC014b1W	8/28/2013	PEM	None
McHenry	MC015a1W	7/31/2013	PEM	None
McHenry	MC015b1W	7/31/2013	PEM	None
McHenry	MC015c1W	7/31/2013	PEM	None
McHenry	MC016b1W	7/31/2013	PEM	None
McHenry	MC016c1W	7/31/2013	PEM	None
McHenry	MC017a1W	8/22/2013	PEM	None
McHenry	MC018a1W	8/22/2013	PEM	None
McHenry	MC018b1W	8/22/2013	PEM	None
McHenry	MC019a1W	7/31/2013	PEM	None
McHenry	MC020a1W	7/31/2013	PEM	None
McHenry	MC020b1W	7/31/2013	PEM	None
McHenry	MC020c1W	7/31/2013	PEM	None
McHenry	MC021a1W	8/22/2013	PEM	None
McHenry	MC021c1W	8/23/2013	PEM	None
McHenry	MC021d1W	8/23/2013	PEM	None
McHenry	MC022a1W	8/23/2013	PEM	None
McHenry	MC023a1W	8/23/2013	PEM	None
McHenry	MC023b1W	8/23/2013	PEM	None
McHenry	MC024a1W	8/28/2013	PEM	None
McHenry	MC024b1W	8/28/2013	PEM	None
McHenry	MC025a1W	8/23/2013	PEM	None
McHenry	MC026a1W	8/23/2013	PEM	None
McHenry	MC027a1W	8/28/2013	PEM	None
McHenry	MC027b1W	8/28/2013	PEM	None
McHenry	MC028a1W	8/28/2013	PEM	None
McHenry	MC028b1W	8/28/2013	PEM	None
McHenry	MC029_500a1W	9/4/2013	PEM	None
McHenry	MC029_520a1W	9/4/2013	PEM	None
McHenry	MC029_520b1W	9/4/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
McHenry	MC029_520c1W	9/4/2013	PEM	None
McHenry	MC029_540a1W	7/19/2013	PEM	None
McHenry	MC029a1W	8/28/2013	PEM	None
McHenry	MC029b1W	8/28/2013	PEM	None
McHenry	MC034a1W	7/19/2013	PEM	None
McHenry	MC034b1W	7/19/2013	PEM	None
McHenry	MC034c1W	7/19/2013	PEM	None
McHenry	MC034d1W	7/19/2013	PEM	None
McHenry	MC035a1W	9/5/2013	PEM	None
McHenry	MC035c1W	9/5/2013	PEM	None
McHenry	MC035d1W	9/5/2013	PEM	None
McHenry	MC035e1W	9/5/2013	PEM	None
McHenry	MC036a1W	9/5/2013	PEM	None
McHenry	MC036b1W	9/5/2013	PEM	None
McHenry	MC036c1W	9/5/2013	PEM	None
McHenry	MC037a1W	9/5/2013	PEM	None
McHenry	MC038a1W	7/31/2013	PEM	None
McHenry	MC039a1W	7/31/2013	PEM	None
McHenry	MC040a1W	8/22/2013	PEM	None
McHenry	MC040b1W	8/22/2013	PEM	None
McHenry	MC046a1W	8/22/2013	PEM	None
McHenry	MC049a1W	8/22/2013	PEM	None
McHenry	MC049b1W	8/22/2013	PEM	None
McHenry	MC050a1W	8/22/2013	PEM	None
McHenry	MC050b1W	8/22/2013	PEM	None
McHenry	MC051a1W	8/22/2013	PEM	None
McHenry	MC051b1W	8/22/2013	PEM	None
McHenry	MC051c1W	8/22/2013	PEM	None
McHenry	MC051d1W	8/22/2013	PEM	None
McHenry	MC053a1W	8/22/2013	PEM	None
McHenry	MC054a1W	8/23/2013	PEM	None
McHenry	MC055a1W	8/23/2013	PEM	None
McHenry	MC056a1W	8/23/2013	PEM	None
McHenry	MC057a1W	8/23/2013	PEM	None
McHenry	MC058a1W	8/23/2013	PEM	None
McHenry	MC058b1W	8/23/2013	PEM	None
McHenry	MC059a1W	8/23/2013	PEM	None
McHenry	MC059b1W	8/23/2013	PEM	None
McHenry	MC059c1W	8/23/2013	PEM	None
McHenry	MC059d1W	8/23/2013	PEM	None
McHenry	MC060a1W	8/23/2013	PEM	None
McHenry	MC060b1W	8/23/2013	PEM	None
McHenry	MC061a1W	8/23/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
McHenry	MC061b1W	8/23/2013	PEM	None
McHenry	MC062a1W	9/4/2013	PEM	None
McHenry	MC062b1W	9/4/2013	PEM	None
McHenry	MC062c1W	9/4/2013	PEM	None
McHenry	MC062d1W	9/4/2013	PEM	None
McHenry	MC062e1W	9/4/2013	PEM	None
McHenry	MC063a1W	7/25/2013	PEM	None
McHenry	MC064_SHa1W	9/9/2013	PEM	None
McHenry	MC066a1W	7/25/2013	PEM	None
McHenry	MC066b1W	7/25/2013	PEM	None
McHenry	MC066c1W	7/25/2013	PEM	None
McHenry	MC068a1W	7/25/2013	PEM	None
McHenry	MC069a1W	7/25/2013	PEM	None
McHenry	MC069c1W	7/26/2013	PEM	None
McHenry	MC069d1W	7/26/2013	PEM	None
McHenry	MC069e1W	7/26/2013	PEM	None
McHenry	MC069f1W	7/26/2013	PEM	None
McHenry	MC070a1W	7/26/2013	PEM	None
McHenry	MC071a1W	8/1/2013	PEM	None
McHenry	MC082a1W	9/6/2013	PEM	None
McHenry	MC083_300a1W	7/27/2013	PEM	None
McHenry	MC083_300b1W	7/27/2013	PEM	None
McHenry	MC083_300c1W	7/29/2013	PEM	None
McHenry	MC083_300d1W	7/29/2013	PEM	None
McHenry	MC083_300e1W	7/29/2013	PEM	None
McHenry	MC083_300f1W	7/29/2013	PEM	None
McHenry	MC084a1W	9/6/2013	PEM	None
McHenry	MC085a1W	7/26/2013	PEM	None
McHenry	MC085b1W	7/26/2013	PEM	None
McHenry	MC086a1W	7/26/2013	PEM	None
McHenry	MC086b1W	7/26/2013	PEM	None
McHenry	MC086c1W	7/26/2013	PEM	None
McHenry	MC087a1W	7/26/2013	PEM	None
McHenry	MC087b1W	7/26/2013	PEM	None
McHenry	MC087c1W	7/26/2013	PEM	None
McHenry	MC087d1W	7/26/2013	PEM	None
McHenry	MC087e1W	7/26/2013	PEM	None
McHenry	MC087f1W	7/26/2013	PEM	None
McHenry	MC087g1W	8/3/2013	PEM	None
McHenry	MC087h1W	8/3/2013	PEM	None
McHenry	MC087i1W	7/27/2013	PSS	None
McHenry	MC087j1W	7/27/2013	PEM	None
McHenry	MC087k1W	7/27/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
McHenry	MC087i1W	7/27/2013	PEM	None
McHenry	MC088a1W	7/30/2013	PEM	None
McHenry	MC088b1W	7/30/2013	PEM	None
McHenry	MC088c1W	7/30/2013	PSS	None
McHenry	MC088d1W	7/31/2013	PSS	None
McHenry	MC088e1W	7/31/2013	PEM	None
McHenry	MC089a1W	7/31/2013	PEM	None
McHenry	MC091a1W	6/25/2013	PEM	None
McHenry	MC091b1W	6/25/2013	PEM	None
McHenry	MC091c1W	6/25/2013	PEM	None
McHenry	MC091d1W	6/25/2013	PEM	None
McHenry	MC091e1W	6/25/2013	PEM	None
McHenry	MC091f1W	6/25/2013	PEM	None
McHenry	MC091g1W	6/25/2013	PEM	None
McHenry	MC091h1W	6/26/2013	PEM	None
McHenry	MC091i1W	6/26/2013	PEM	None
McHenry	MC092a1W	6/24/2013	PEM	None
McHenry	MC092b1W	6/24/2013	PEM	None
McHenry	MC092c1W	6/24/2013	PEM	None
McHenry	MC092d1W	6/24/2013	PEM	None
McHenry	MC092e1W	6/24/2013	PEM	None
McHenry	MC092f1W	6/24/2013	PEM	None
McHenry	MC092g1W	6/24/2013	PEM	None
McHenry	MC092h1W	6/24/2013	PEM	None
McHenry	MC092i1W	6/24/2013	PEM	None
McHenry	MC092j1W	6/24/2013	PEM	None
McHenry	MC092k1W	6/24/2013	PEM	None
McHenry	MC092l1W	6/24/2013	PEM	None
McHenry	MC092m1W	6/24/2013	PEM	None
McHenry	MC092n1W	6/25/2013	PEM	None
McHenry	MC092o1W	6/25/2013	PEM	None
McHenry	MC092p1W	6/25/2013	PEM	None
McHenry	MC092q1W	6/25/2013	PEM	None
McHenry	MC092r1W	6/25/2013	PEM	None
McHenry	MC092s1W	6/25/2013	PEM	None
McHenry	MC092t1W	6/25/2013	PEM	None
McHenry	MC092u1W	6/25/2013	PEM	None
Pierce	PI001a1W	6/26/2013	PEM	None
Pierce	PI001AA1W	6/27/2013	PEM	None
Pierce	PI001ab1W	6/27/2013	PEM	None
Pierce	PI001b1W	6/26/2013	PEM	None
Pierce	PI001c1W	6/26/2013	PEM	None
Pierce	PI001d1W	6/26/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Pierce	PI001e1W	6/26/2013	PEM	None
Pierce	PI001f1W	6/26/2013	PEM	None
Pierce	PI001g1W	6/26/2013	PEM	None
Pierce	PI001h1W	6/26/2013	PEM	None
Pierce	PI001i1W	6/26/2013	PEM	None
Pierce	PI001j1W	6/26/2013	PEM	None
Pierce	PI001k1W	6/26/2013	PEM	None
Pierce	PI001l1W	6/26/2013	PEM	None
Pierce	PI001m1W	6/26/2013	PEM	None
Pierce	PI001n1W	6/26/2013	PEM	None
Pierce	PI001o1W	6/26/2013	PEM	None
Pierce	PI001p1W	6/26/2013	PEM	None
Pierce	PI001q1W	6/26/2013	PEM	None
Pierce	PI001r1W	6/26/2013	PEM	None
Pierce	PI001s1W	6/27/2013	PEM	None
Pierce	PI001t1W	6/27/2013	PEM	None
Pierce	PI001v1W	6/27/2013	PEM	None
Pierce	PI001w1W	6/27/2013	PEM	None
Pierce	PI001x1W	6/27/2013	PEM	None
Pierce	PI001y1W	6/27/2013	PEM	None
Pierce	PI001z1W	6/27/2013	PEM	None
Pierce	PI002a1W	6/27/2013	PEM	None
Pierce	PI002b1W	6/27/2013	PEM	None
Pierce	PI003a1W	6/27/2013	PEM	None
Pierce	PI003b1W	6/27/2013	PEM	None
Pierce	PI003c1W	6/27/2013	PEM	None
Pierce	PI003d1W	6/27/2013	PEM	None
Pierce	PI004a1W	6/17/2013	PEM	None
Pierce	PI004b1W	6/17/2013	PEM	None
Pierce	PI004c1W	7/11/2013	PEM	None
Pierce	PI005a1W	7/11/2013	PEM	None
Pierce	PI006a1W	7/11/2013	PEM	None
Pierce	PI008a1W	6/17/2013	PEM	None
Pierce	PI008b1W	6/17/2013	PEM	None
Pierce	PI008c1W	6/17/2013	PEM	None
Pierce	PI008e1W	6/17/2013	PEM	None
Pierce	PI009a1W	6/18/2013	PEM	None
Pierce	PI009b1W	6/18/2013	PEM	None
Pierce	PI010a1W	6/18/2013	PEM	None
Pierce	PI010b1W	6/18/2013	PEM	None
Pierce	PI010c1W	6/18/2013	PEM	None
Pierce	PI010d1W	6/18/2013	PEM	None
Pierce	PI011a1W	6/19/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Pierce	PI011b1W	6/19/2013	PEM	None
Pierce	PI011c1W	6/19/2013	PEM	None
Pierce	PI012b1W	6/19/2013	PEM	None
Pierce	PI012d1W	6/19/2013	PEM	None
Pierce	PI013a1W	6/19/2013	PEM	None
Pierce	PI013b1W	6/19/2013	PEM	None
Pierce	PI014a1W	6/21/2013	PEM	None
Pierce	PI014b1W	6/21/2013	PEM	None
Pierce	PI014c1W	6/21/2013	PEM	None
Pierce	PI014d1W	6/21/2013	PEM	None
Pierce	PI014e1W	6/28/2013	PEM	None
Pierce	PI014f1W	6/28/2013	PEM	None
Pierce	PI015a1W	6/28/2013	PEM	None
Pierce	PI015b1W	6/28/2013	PEM	None
Pierce	PI016a1W	8/1/2013	PEM	None
Pierce	PI017a1W	8/5/2013	PEM	None
Pierce	PI018a1W	8/6/2013	PEM	None
Pierce	PI019a1W	8/7/2013	PEM	None
Pierce	PI019b1W	8/7/2013	PEM	None
Pierce	PI019c1W	8/7/2013	PEM	None
Pierce	PI021a1W	8/8/2013	PEM	None
Pierce	PI021b1W	8/8/2013	PEM	None
Pierce	PI022a1W	8/8/2013	PEM	None
Pierce	PI022b1W	8/8/2013	PEM	None
Pierce	PI023a1W	8/12/2013	PEM	None
Pierce	PI024a1W	8/12/2013	PEM	None
Pierce	PI025a1W	8/12/2013	PEM	None
Pierce	PI026a1W	8/12/2013	PEM	None
Pierce	PI026b1W	8/12/2013	PEM	None
Pierce	PI027_000HGa1W	8/12/2013	PEM	None
Pierce	PI028a1W	8/12/2013	PEM	None
Pierce	PI028b1W	8/12/2013	PEM	None
Pierce	PI028c1W	8/12/2013	PEM	None
Pierce	PI028d_210a1W	8/12/2013	PEM	None
Pierce	PI029_200a1W	8/12/2013	PEM	None
Pierce	PI030b1W	8/13/2013	PEM	None
Pierce	PI031a1W	8/13/2013	PEM	None
Pierce	PI031b1W	8/13/2013	PEM	None
Pierce	PI031c1W	8/13/2013	PEM	None
Pierce	PI032a1W	8/12/2013	PEM	None
Pierce	PI035a1W	8/12/2013	PEM	None
Pierce	PI035c1W	8/13/2013	PEM	None
Pierce	PI041a1W	8/8/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Pierce	PI041b1W	8/8/2013	PEM	None
Pierce	PI041c1W	8/8/2013	PEM	None
Pierce	PI042b1W	6/19/2013	PEM	None
Pierce	PI042c1W	6/19/2013	PEM	None
Pierce	PI043a1W	6/19/2013	PEM	None
Pierce	PI043b1W	6/19/2013	PEM	None
Pierce	PI044a1W	6/19/2013	PEM	None
Pierce	PI044b1W	6/19/2013	PEM	None
Pierce	PI044c1W	6/19/2013	PEM	None
Pierce	PI045a1W	8/8/2013	PEM	None
Pierce	PI047a1W	8/8/2013	PEM	None
Pierce	PI049_200a1W	8/7/2013	PEM	None
Pierce	PI049_500a1W	8/7/2013	PEM	None
Pierce	PI049_500c1W	8/7/2013	PEM	None
Pierce	PI049_504a1W	8/7/2013	PEM	None
Pierce	PI049_504b1W	8/7/2013	PEM	None
Pierce	PI049_506a1W	8/7/2013	PEM	None
Pierce	PI049a1W	6/19/2013	PEM	None
Pierce	PI051a1W	6/19/2013	L2UB	None
Pierce	PI058_200a1W	7/1/2013	PEM	None
Pierce	PI058_200b1W	7/1/2013	PEM	None
Pierce	PI058a1W	7/1/2013	PEM	None
Pierce	PI058b1W	7/1/2013	PEM	None
Pierce	PI058c1W	7/1/2013	PEM	None
Pierce	PI059_200a1W	6/28/2013	PEM	None
Pierce	PI059a1W	6/20/2013	PEM	None
Pierce	PI059b1W	6/20/2013	PEM	None
Pierce	PI059e1W	6/21/2013	PEM	None
Pierce	PI059f1W	6/21/2013	PEM	None
Pierce	PI059g1W	6/28/2013	PEM	None
Pierce	PI059g2W	6/21/2013	PEM	None
Pierce	PI060_200a1W	7/1/2013	PEM	None
Pierce	PI060a1W	7/1/2013	PEM	None
Pierce	PI060b1W	7/1/2013	PEM	None
Pierce	PI060c1W	7/1/2013	PEM	None
Pierce	PI060d1W	7/1/2013	PEM	None
Pierce	PI060e1W	7/1/2013	PEM	None
Pierce	PI061_200a1W	7/1/2013	PEM	None
Pierce	PI061_210a1W	7/2/2013	PEM	None
Pierce	PI061c1W	7/1/2013	PEM	None
Pierce	PI061d1W	7/2/2013	PEM	None
Pierce	PI062a1W	8/17/2013	PEM	None
Pierce	PI062b1W	8/17/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Pierce	PI062c1W	8/17/2013	PEM	None
Pierce	PI062d1W	8/17/2013	PEM	None
Pierce	PI063a1W	8/17/2013	PEM	None
Pierce	PI063b1W	8/17/2013	PEM	None
Pierce	PI063c1W	8/17/2013	PEM	None
Pierce	PI063d1W	8/24/2013	PEM	None
Pierce	PI064a1W	8/17/2013	PEM	None
Pierce	PI065a1W	8/17/2013	PEM	None
Pierce	PI067a1W	8/12/2013	PEM	None
Pierce	PI067b1W	8/12/2013	PEM	None
Pierce	PI070_200a1W	8/13/2013	PEM	None
Pierce	PI070b1W	8/13/2013	PEM	None
Pierce	PI071a1W	8/13/2013	PEM	None
Pierce	PI073a1W	8/13/2013	PEM	None
Pierce	PI074a1W	8/13/2013	PEM	None
Pierce	PI074b1W	8/13/2013	PEM	None
Pierce	PI075a1W	7/2/2013	PEM	None
Pierce	PI076_200a1W	7/2/2013	PEM	None
Pierce	PI076a1W	7/2/2013	PEM	None
Pierce	PI076b1W	8/17/2013	PEM	None
Pierce	PI079a1W	8/14/2013	PEM	None
Pierce	PI081a1W	9/6/2013	PEM	None
Pierce	PI081b1W	9/6/2013	PEM	None
Pierce	PI081c1W	9/6/2013	PEM	None
Pierce	PI082_200a1W	9/6/2013	PEM	None
Pierce	PI082_200c1W	9/6/2013	PEM	None
Pierce	PI082a1W	9/6/2013	PEM	None
Pierce	PI083a1W	7/2/2013	PEM	None
Pierce	PI083b1W	7/2/2013	PEM	None
Pierce	PI083c1W	7/2/2013	PEM	None
Pierce	PI083d1W	7/2/2013	PEM	None
Pierce	PI084_200a1W	7/2/2013	PEM	None
Pierce	PI084_200b1W	7/2/2013	PEM	None
Pierce	PI085_200b1W	7/3/2013	PEM	None
Pierce	PI085_200c1W	7/2/2013	PEM	None
Pierce	PI085a1W	7/2/2013	PEM	None
Pierce	PI085b1W	7/3/2013	PEM	None
Pierce	PI086_200a1W	7/2/2013	PEM	None
Pierce	PI086a1W	7/2/2013	PEM	None
Pierce	PI087a1W	7/2/2013	PEM	None
Pierce	PI087b1W	7/2/2013	PEM	None
Pierce	PI088a1W	8/14/2013	PEM	None
Pierce	PI088b1W	8/14/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Pierce	PI088c1W	8/14/2013	PEM	None
Pierce	PI088d1W	8/14/2013	PEM	None
Pierce	PI089a1W	8/14/2013	PEM	None
Pierce	PI089c1W	8/14/2013	PEM	None
Pierce	PI090a1W	8/14/2013	PEM	None
Pierce	PI091a1W	8/14/2013	PEM	None
Pierce	PI091b1W	8/14/2013	PEM	None
Pierce	PI091c1W	8/14/2013	PEM	None
Pierce	PI092a1W	8/14/2013	PEM	None
Pierce	PI092b1W	8/13/2013	PEM	None
Pierce	PI092c1W	8/13/2013	PEM	None
Pierce	PI092d1W	8/13/2013	PEM	None
Pierce	PI093a1W	8/13/2013	PEM	None
Pierce	PI093b1W	8/13/2013	PEM	None
Pierce	PI093c1W	8/13/2013	PEM	None
Pierce	PI093d1W	8/13/2013	PEM	None
Pierce	PI093e1W	8/13/2013	PEM	None
Pierce	PO001u1W	6/27/2013	PEM	None
Towner	T0018j1W	6/14/2013	PEM	None
Towner	TO001a1W	8/15/2013	PEM	None
Towner	TO001b1W	8/15/2013	PEM	None
Towner	TO002a1W	8/15/2013	PEM	None
Towner	TO002b1W	8/15/2013	PEM	None
Towner	TO002c1W	8/15/2013	PEM	None
Towner	TO003a1W	8/15/2013	PEM	None
Towner	TO003b1W	8/15/2013	PEM	None
Towner	TO003c1W	8/15/2013	PEM	None
Towner	TO003d1W	8/15/2013	PEM	None
Towner	TO003e1W	8/15/2013	PEM	None
Towner	TO004a1W	8/15/2013	PEM	None
Towner	TO004b1W	8/15/2013	PEM	None
Towner	TO004c1W	8/15/2013	PEM	None
Towner	TO004d1W	8/15/2013	PEM	None
Towner	TO004e1W	8/15/2013	PEM	None
Towner	TO005a1W	8/15/2013	PEM	None
Towner	TO005c1W	8/19/2013	PEM	None
Towner	TO005d1W	8/19/2013	PEM	None
Towner	TO005e1W	8/19/2013	PEM	None
Towner	TO005f1W	8/19/2013	PEM	None
Towner	TO005g1W	8/19/2013	PEM	None
Towner	TO006a1W	6/12/2013	PEM	None
Towner	TO006c1W	6/12/2013	PEM	None
Towner	TO009a1W	6/12/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Towner	TO009b1W	6/12/2013	PEM	None
Towner	TO009c1W	6/12/2013	PEM	None
Towner	TO009d1W	6/12/2013	PEM	None
Towner	TO009e1W	6/12/2013	PEM	None
Towner	TO009f1W	6/12/2013	PEM	None
Towner	TO009g1W	6/12/2013	PEM	None
Towner	TO009h1W	6/12/2013	PEM	None
Towner	TO014a1W	6/12/2013	PEM	None
Towner	TO014b1W	6/12/2013	PEM	None
Towner	TO014c1W	6/12/2013	PEM	None
Towner	TO014d1W	6/13/2013	PEM	None
Towner	TO014e1W	6/13/2013	PEM	None
Towner	TO015a1W	6/13/2013	PEM	None
Towner	TO015b1W	6/13/2013	PEM	None
Towner	TO016a1W	6/13/2013	PEM	None
Towner	TO016c1W	6/13/2013	PEM	None
Towner	TO017a1W	6/13/2013	PEM	None
Towner	TO017b1W	6/13/2013	PEM	None
Towner	TO018a1W	6/14/2013	PEM	None
Towner	TO018b1W	6/14/2013	PEM	None
Towner	TO018c1W	6/14/2013	PEM	None
Towner	TO018d1W	6/14/2013	PEM	None
Towner	TO018e1W	6/14/2013	PEM	None
Towner	TO018f1W	6/14/2013	PEM	None
Towner	TO018g1W	6/14/2013	PEM	None
Towner	TO018h1W	6/14/2013	PEM	None
Towner	TO018i1W	6/14/2013	PEM	None
Towner	TO018k1W	6/14/2013	PEM	None
Towner	TO018l1W	6/14/2013	PEM	None
Towner	TO018m1W	6/14/2013	PEM	None
Towner	TO018n1W	6/14/2013	PEM	None
Towner	TO018o1W	6/14/2013	PEM	None
Towner	TO019a1W	6/13/2013	PEM	None
Towner	TO020a1W	6/13/2013	PEM	None
Towner	TO020b1W	6/17/2013	PEM	None
Towner	TO020c1W	6/17/2013	PEM	None
Towner	TO020d1W	6/17/2013	PEM	None
Towner	TO020e1W	6/17/2013	PEM	None
Towner	TO022a1W	8/16/2013	PEM	None
Towner	TO023a1W	8/16/2013	PEM	None
Towner	TO024a1W	8/16/2013	PEM	None
Towner	TO024b1W	8/16/2013	PEM	None
Towner	TO025a1W	6/17/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Towner	TO025b1W	6/17/2013	PEM	None
Towner	TO026a1W	6/17/2013	PEM	None
Towner	TO026b1W	6/17/2013	PEM	None
Towner	TO026c1W	6/17/2013	PEM	None
Towner	TO026d1W	6/17/2013	PEM	None
Towner	TO027a1W	6/17/2013	PEM	None
Towner	TO027b1W	6/18/2013	PEM	None
Towner	TO027d1W	6/18/2013	PEM	None
Towner	TO027e1W	6/18/2013	PEM	None
Towner	TO028a1W	6/18/2013	PEM	None
Towner	TO028b1W	6/18/2013	PEM	None
Towner	TO028c1W	6/18/2013	PEM	None
Towner	TO029a1W	8/15/2013	PEM	None
Towner	TO029b1W	8/15/2013	PEM	None
Towner	TO029c1W	8/15/2013	PEM	None
Towner	TO030a1W	8/15/2013	PEM	None
Towner	TO030b1W	8/15/2013	PEM	None
Towner	TO030c1W	8/15/2013	PEM	None
Towner	TO030d1W	8/15/2013	PEM	None
Towner	TO031a1W	8/15/2013	PEM	None
Towner	TO031b1W	8/15/2013	PEM	None
Towner	TO032a1W	8/19/2013	PEM	None
Towner	TO034a1W	8/19/2013	PEM	None
Towner	TO038a1W	6/18/2013	PEM	None
Towner	TO039a1W	6/18/2013	PEM	None
Towner	TO039c1W	6/18/2013	PEM	None
Towner	TO040a1W	8/7/2013	PEM	None
Towner	TO042a1W	8/19/2013	PEM	None
Towner	TO042b1W	8/19/2013	PEM	None
Towner	TO044a1W	8/20/2013	PEM	None
Towner	TO044b1W	8/20/2013	PEM	None
Towner	TO045a1W	10/3/2013	PEM	None
Towner	TO045b1W	10/3/2013	PEM	None
Towner	TO046a1W	10/3/2013	PEM	None
Towner	TO046c1W	10/3/2013	PEM	None
Towner	TO046d1W	10/3/2013	PEM	None
Towner	TO047a1W	10/3/2013	PEM	None
Towner	TO047b1W	10/3/2013	PEM	None
Towner	TO047c1W	10/3/2013	PEM	None
Towner	TO048a1W	9/6/2013	PEM	None
Towner	TO048b1W	9/6/2013	PEM	None
Towner	TO049a1W	9/6/2013	PEM	None
Towner	TO051a1W	8/20/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Towner	TO051b1W	9/6/2013	PEM	None
Towner	TO054_200a1W	8/20/2013	PEM	None
Towner	TO054_200a1W	8/20/2013	PEM	None
Towner	TO054a1W	8/20/2013	PEM	None
Towner	TO054b1W	8/20/2013	PEM	None
Towner	TO055a1W	8/20/2013	PEM	None
Towner	TO056b1w	8/20/2013	PEM	None
Towner	TO056c1W	8/20/2013	PEM	None
Towner	TO057b1W	8/23/2013	PEM	None
Towner	TO057c1W	8/23/2013	PEM	None
Towner	TO057e1W	8/23/2013	PEM	None
Towner	TO058a1W	8/22/2013	PEM	None
Towner	TO058b1W	8/23/2013	PEM	None
Towner	TO058c1W	8/23/2013	PEM	None
Towner	TO058d1W	8/23/2013	PEM	None
Towner	TO059a1W	8/22/2013	PEM	None
Towner	TO061a1W	8/22/2013	PEM	None
Towner	TO063c1W	8/21/2013	PEM	None
Towner	TO070a1W	8/21/2013	PEM	None
Towner	TO072a1W	8/20/2013	PEM	None
Towner	TO073a1W	8/20/2013	PEM	None
Towner	TO074a1W	8/20/2013	PEM	None
Towner	TO074b1W	8/20/2013	PEM	None
Towner	TO075a1W	8/19/2013	PEM	None
Towner	TO075b1W	8/19/2013	PEM	None
Ramsey	RA001a1W	8/27/2013	PEM	None
Ramsey	RA001b1W	8/27/2013	PEM	None
Ramsey	RA002a1W	10/2/2013	PEM	None
Ramsey	RA007a1W	8/26/2013	PEM	None
Ramsey	RA010a1W	8/27/2013	PEM	None
Ramsey	RA013a1W	8/28/2013	PEM	None
Ramsey	RA015a1W	8/28/2013	PEM	None
Ramsey	RA016a1W	8/28/2013	PEM	None
Ramsey	RA025a1W	8/29/2013	PSS	None
Ramsey	RA025b1W	8/29/2013	PEM	None
Ramsey	RA026a1U	8/29/2013	PEM	None
Ramsey	RA033a1W	8/29/2013	PEM	None
Ramsey	RA034a1W	8/29/2013	PEM	None
Ramsey	RA039b1W	8/29/2013	PEM	None
Ramsey	RA040a1W	8/29/2013	PEM	None
Ramsey	RA040b1W	8/29/2013	PEM	None
Ramsey	RA040c1W	8/29/2013	PEM	None
Ramsey	RA042a1W	8/29/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ramsey	RA043a1W	8/29/2013	PEM	None
Ramsey	RA047a1W	8/29/2013	PEM	None
Ramsey	RA047b1W	8/29/2013	PEM	None
Ramsey	RA048a1W	8/29/2013	PEM	None
Ramsey	RA048b1W	8/29/2013	PEM	None
Ramsey	RA049a1W	8/29/2013	PEM	None
Ramsey	RA051a1W	8/29/2013	PEM	None
Ramsey	RA053b1W	8/28/2013	PEM	None
Ramsey	RA053c1W	8/28/2013	PEM	None
Ramsey	RA054a1W	8/28/2013	PEM	None
Ramsey	RA054c1W	8/28/2013	PEM	None
Ramsey	RA054d1W	8/28/2013	PEM	None
Ramsey	RA059b1W	8/28/2013	PEM	None
Ramsey	RA060a1W	7/3/2013	PEM	None
Ramsey	RA061a1W	8/28/2013	PEM	None
Ramsey	RA061b1W	8/28/2013	PEM	None
Ramsey	RA062a1W	8/28/2013	PEM	None
Ramsey	RA062b1W	9/5/2013	PEM	None
Ramsey	RA062c1W	9/5/2013	PEM	None
Ramsey	RA063b1W	8/28/2013	PEM	None
Ramsey	RA063c1W	8/28/2013	PEM	None
Ramsey	RA064a1W	8/28/2013	PEM	None
Ramsey	RA064b1W	8/28/2013	PEM	None
Ramsey	RA065a1W	7/3/2013	PEM	None
Ramsey	RA066a1W	7/3/2013	PEM	None
Ramsey	RA066b1W	7/3/2013	PEM	None
Ramsey	RA066d1W	7/3/2013	PEM	None
Ramsey	RA066e1W	7/3/2013	PEM	None
Ramsey	RA067a1W	7/3/2013	PEM	None
Ramsey	RA069a1W	7/9/2013	PEM	None
Ramsey	RA069b1W	7/9/2013	PEM	None
Ramsey	RA070a1W	9/5/2013	PEM	None
Ramsey	RA070b1W	9/5/2013	PEM	None
Ramsey	RA071a1W	8/27/2013	PEM	None
Ramsey	RA072a1W	8/27/2013	PEM	None
Ramsey	RA072b1W	8/27/2013	PEM	None
Ramsey	RA072c1W	8/27/2013	PEM	None
Ramsey	RA074b1W	8/27/2013	PEM	None
Ramsey	RA074c1W	8/27/2013	PEM	None
Ramsey	RA076b1W	8/27/2013	PEM	None
Ramsey	RA077b1W	8/27/2013	PEM	None
Ramsey	RA077c1W	8/27/2013	PEM	None
Ramsey	RA079a1W	7/12/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ramsey	RA079b1W	7/12/2013	PEM	None
Ramsey	RA079c1W	7/12/2013	PEM	None
Ramsey	RA080a1W	7/12/2013	PEM	None
Ramsey	RA080b1W	7/12/2013	PEM	None
Ramsey	RA081a1W	7/15/2013	PEM	None
Ramsey	RA081b1W	7/15/2013	PEM	None
Ramsey	RA083a1W	7/15/2013	PEM	None
Ramsey	RA083b1W	7/15/2013	PEM	None
Ramsey	RA084a1W	7/3/2013	PEM	None
Ramsey	RA085a1W	7/3/2013	PEM	None
Ramsey	RA085b1W	7/3/2013	PEM	None
Ramsey	RA085c1W	7/8/2013	PEM	None
Ramsey	RA086a1W	7/15/2013	PEM	None
Ramsey	RA087a1W	7/15/2013	PEM	None
Ramsey	RA087b1W	7/15/2013	PEM	None
Ramsey	RA088a1W	7/8/2013	PEM	None
Ramsey	RA088b1W	7/8/2013	PEM	None
Ramsey	RA088c1W	7/8/2013	PEM	None
Ramsey	RA088d1W	7/8/2013	PEM	None
Ramsey	RA090a1W	7/8/2013	PEM	None
Ramsey	RA090b1W	7/8/2013	PEM	None
Ramsey	RA090c1W	7/8/2013	PEM	None
Ramsey	RA090d1W	7/8/2013	PEM	None
Ramsey	RA091a1W	7/8/2013	PEM	None
Ramsey	RA092a1W	7/8/2013	PEM	None
Ramsey	RA092b1W	7/8/2013	PEM	None
Ramsey	RA093a1W	7/9/2013	PEM	None
Ramsey	RA093b1W	7/9/2013	PEM	None
Ramsey	RA093c1W	7/9/2013	PEM	None
Ramsey	RA094a1W	7/9/2013	PEM	None
Ramsey	RA094b1W	7/9/2013	PEM	None
Ramsey	RA094c1W	7/9/2013	PEM	None
Ramsey	RA095a1W	7/12/2013	PEM	None
Ramsey	RA095b1W	7/12/2013	PEM	None
Ramsey	RA095c1W	7/12/2013	PEM	None
Ramsey	RA095d1W	7/15/2013	PEM	None
Ramsey	RA095e1W	7/15/2013	PEM	None
Ramsey	RA095f1W	7/15/2013	PEM	None
Ramsey	RA097a1W	7/9/2013	PEM	None
Ramsey	RA097b1W	7/9/2013	PEM	None
Ramsey	RA097c1W	7/9/2013	PEM	None
Ramsey	RA098a1W	7/9/2013	PEM	None
Ramsey	RA098b1W	7/9/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Ramsey	RA099a1W	7/9/2013	PEM	None
Ramsey	RA099b1W	7/9/2013	PEM	None
Ramsey	RA099c1W	7/9/2013	PEM	None
Ramsey	RA099d1W	7/9/2013	PEM	None
Ramsey	RA099e1W	7/9/2013	PEM	None
Ramsey	RA099f1W	7/9/2013	PEM	None
Ramsey	RA100a1	7/9/2013	PEM	None
Ramsey	RA100b1W	7/9/2013	PEM	None
Ramsey	RA101a1W	7/9/2013	PEM	None
Ramsey	RA101b1W	7/9/2013	PEM	None
Ramsey	RA101c1W	7/9/2013	PEM	None
Nelson	NE001a1W	7/10/2013	PEM	None
Nelson	NE003a1W	9/5/2013	PEM	None
Nelson	NE004a1W	9/11/2013	PEM	None
Nelson	NE004b1W	9/11/2013	PEM	None
Nelson	NE005_100a1W	7/10/2013	PEM	None
Nelson	NE005_100b1W	7/10/2013	PEM	None
Nelson	NE005a1W	7/10/2013	PEM	None
Nelson	NE006a1W	7/10/2013	PEM	None
Nelson	NE006b1W	7/10/2013	PEM	None
Nelson	NE007_300a1W	7/10/2013	PEM	None
Nelson	NE007_300b1W	7/10/2013	PEM	None
Nelson	NE007a1W	7/10/2013	PEM	None
Nelson	NE009a1W	7/10/2013	PEM	None
Nelson	NE009d1W	7/10/2013	PEM	None
Nelson	NE009e1W	7/10/2013	PEM	None
Nelson	NE010a1W	7/10/2013	PEM	None
Nelson	NE011a1W	7/10/2013	PEM	None
Nelson	NE011b1W	7/10/2013	PEM	None
Nelson	NE011c1W	7/10/2013	PEM	None
Nelson	NE011d1W	7/10/2013	PEM	None
Nelson	NE011e1W	7/10/2013	PEM	None
Nelson	NE011f1W	7/10/2013	PEM	None
Nelson	NE011g1W	7/10/2013	PEM	None
Nelson	NE012_100a1W	7/10/2013	PEM	None
Nelson	NE012_100b1W	7/10/2013	PEM	None
Nelson	NE012_100c1W	7/10/2013	PEM	None
Nelson	NE012a1W	7/10/2013	PEM	None
Nelson	NE012b1W	7/10/2013	PEM	None
Nelson	NE013a1W	7/11/2013	PEM	None
Nelson	NE013c1W	7/11/2013	PEM	None
Nelson	NE013d1W	8/26/2013	PEM	None
Nelson	NE013e1W	8/26/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Nelson	NE013g1W	10/10/2013	PEM	None
Nelson	NE013h1W	10/10/2013	PEM	None
Nelson	NE013j1W	10/10/2013	PEM	None
Nelson	NE015a1W	7/11/2013	PEM	None
Nelson	NE015b1W	7/11/2013	PEM	None
Nelson	NE016a1W	7/11/2013	PEM	None
Nelson	NE016b1W	7/11/2013	PEM	None
Nelson	NE016c1W	7/11/2013	PEM	None
Nelson	NE016d1W	7/11/2013	PEM	None
Nelson	NE016e1W	7/11/2013	PEM	None
Nelson	NE017a1W	6/4/2013	PEM	None
Nelson	NE017b1W	6/4/2013	PEM	None
Nelson	NE018a1W	6/6/2013	PEM	None
Nelson	NE018b1W	6/6/2013	PEM	None
Nelson	NE019_300a1W	6/5/2013	PEM	None
Nelson	NE019a1W	6/6/2013	PEM	None
Nelson	NE019b1W	6/6/2013	PEM	None
Nelson	NE019c1W	10/10/2013	PEM	None
Nelson	NE020_300a1W	7/24/2013	PEM	None
Nelson	NE020a1W	6/5/2013	PEM	None
Nelson	NE021a1W	6/5/2013	PEM	None
Nelson	NE022a1W	6/5/2013	PEM	None
Nelson	NE022b1W	6/6/2013	PEM	None
Nelson	NE022c1W	6/6/2013	PEM	None
Nelson	NE022d1W	6/5/2013	PEM	None
Nelson	NE023a1W	6/6/2013	PEM	None
Nelson	NE024_110b1W	6/7/2013	PEM	None
Nelson	NE024_110d1W	6/7/2013	PEM	None
Nelson	NE024_110e1W	6/7/2013	PEM	None
Nelson	NE024a1W	6/7/2013	PEM	None
Nelson	NE025c1W	6/10/2013	PEM	None
Nelson	NE026a1W	6/10/2013	PEM	None
Nelson	NE027c1W	6/10/2013	PEM	None
Nelson	NE027d1W	6/10/2013	PEM	None
Nelson	NE027e1W	6/10/2013	PEM	None
Nelson	NE027f1W	6/10/2013	PEM	None
Nelson	NE028a1W	6/10/2013	PEM	None
Nelson	NE028b1W	6/10/2013	PEM	None
Nelson	NE028c1W	6/11/2013	PEM	None
Nelson	NE028d1W	6/11/2013	PEM	None
Nelson	NE028e1W	6/11/2013	PEM	None
Nelson	NE029_500a1W	6/11/2013	PEM	None
Nelson	NE029_500b1W	6/11/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Nelson	NE029_500c1W	6/11/2013	PEM	None
Nelson	NE029_500d1W	6/11/2013	PEM	None
Nelson	NE029_500e1W	6/11/2013	PEM	None
Nelson	NE029_500f1W	6/11/2013	PEM	None
Nelson	NE029_520a1W	6/11/2013	PEM	None
Nelson	NE029_520b1W	6/11/2013	PEM	None
Nelson	NE029a1W	6/11/2013	PEM	None
Nelson	NE029b1W	6/11/2013	PEM	None
Nelson	NE029c1W	6/11/2013	PEM	None
Nelson	NE030_300a1W	6/11/2013	PEM	None
Nelson	NE030_300b1W	6/11/2013	PEM	None
Nelson	NE030_300c1W	7/24/2013	PEM	None
Nelson	NE030_300d1W	7/24/2013	PEM	None
Nelson	NE030_300e1W	7/24/2013	PEM	None
Nelson	NE030_500_100a1W	7/23/2013	PEM	None
Nelson	NE030_500_100b1W	7/23/2013	PEM	None
Nelson	NE030_500a1W	7/23/2013	PEM	None
Nelson	NE032_500a1W	6/11/2013	PEM	None
Nelson	NE032_500b1W	7/24/2013	PEM	None
Nelson	NE032_500c1W	7/24/2013	PEM	None
Nelson	NE032_510a1W	6/12/2013	PEM	None
Nelson	NE032_510b1W	6/12/2013	PEM	None
Nelson	NE032_510c1W	6/12/2013	PEM	None
Nelson	NE032_510d1W	6/12/2013	PEM	None
Nelson	NE034_500a1W	6/12/2013	PEM	None
Nelson	NE034_500b1W	6/12/2013	PEM	None
Nelson	NE034_500c1W	6/12/2013	PEM	None
Nelson	NE034_500d1W	6/12/2013	PEM	None
Nelson	NE034_500e1W	6/12/2013	PEM	None
Nelson	NE037_105h1W	6/13/2013	PEM	None
Nelson	NE037_105i1W	6/13/2013	PEM	None
Nelson	NE037a1W	6/13/2013	PEM	None
Nelson	NE037b1W	6/13/2013	PEM	None
Nelson	NE037c1W	6/13/2013	PEM	None
Nelson	NE037e1W	6/13/2013	PEM	None
Nelson	NE037g1W	6/13/2013	PEM	None
Nelson	NE038_210a1W	6/14/2013	PEM	None
Nelson	NE038a1W	6/13/2013	PEM	None
Nelson	NE038b1W	6/14/2013	PEM	None
Nelson	NE038c1W	6/14/2013	PEM	None
Nelson	NE038e1W	6/14/2013	PEM	None
Nelson	NE039_200_100a1W	6/14/2013	PEM	None
Nelson	NE039_200_100b1W	7/17/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Nelson	NE039a1W	6/14/2013	PEM	None
Nelson	NE039b1W	7/17/2013	PEM	None
Nelson	NE039c1W	7/17/2013	PEM	None
Nelson	NE039d1W	7/17/2013	PEM	None
Nelson	NE040a1W	7/16/2013	PEM	None
Nelson	NE040b1W	7/16/2013	PEM	None
Nelson	NE040c1W	7/16/2013	PEM	None
Nelson	NE040d1W	7/16/2013	PEM	None
Nelson	NE040e1W	7/16/2013	PEM	None
Nelson	NE040f1W	7/16/2013	PEM	None
Nelson	NE041a1W	7/16/2013	PEM	None
Nelson	NE041b1W	7/16/2013	PEM	None
Nelson	NE042a1W	7/16/2013	PEM	None
Nelson	NE043a1W	7/16/2013	PEM	None
Nelson	NE043b1W	7/16/2013	PEM	None
Nelson	NE043c1W	7/16/2013	PEM	None
Nelson	NE043d1W	7/16/2013	PEM	None
Nelson	NE043e1W	7/16/2013	PEM	None
Nelson	NE043f1W	7/16/2013	PEM	None
Nelson	NE045_100a1W	7/16/2013	PEM	None
Nelson	NE045_100b1W	7/16/2013	PEM	None
Nelson	NE045_100c1W	7/16/2013	PEM	None
Nelson	NE045a1W	7/16/2013	PEM	None
Nelson	NE045b1W	7/16/2013	PEM	None
Nelson	NE045c1W	7/16/2013	PEM	None
Nelson	NE045d1W	7/16/2013	PEM	None
Nelson	NE046a1W	7/16/2013	PEM	None
Nelson	NE046b1W	7/17/2013	PEM	None
Nelson	NE046c1W	7/17/2013	PEM	None
Nelson	NE046d1W	7/17/2013	PEM	None
Nelson	NE046e1W	7/17/2013	PEM	None
Nelson	NE046f1W	7/17/2013	PEM	None
Nelson	NE046g1W	7/17/2013	PEM	None
Nelson	NE046h1W	7/17/2013	PEM	None
Nelson	NE048a1W	7/17/2013	PEM	None
Nelson	NE049a1W	7/17/2013	PEM	None
Nelson	NE049b1W	7/17/2013	PEM	None
Nelson	NE049c1W	7/17/2013	PEM	None
Nelson	NE050a1W	7/17/2013	PEM	None
Nelson	NE050b1W	7/17/2013	PEM	None
Nelson	NE050c1W	7/18/2013	PEM	None
Nelson	NE050d1W	7/18/2013	PEM	None
Nelson	NE050e1W	7/18/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Nelson	NE050f1W	7/18/2013	PEM	None
Nelson	NE051a1W	7/17/2013	PEM	None
Nelson	NE052_320a1W	7/17/2013	PEM	None
Nelson	NE052_320b1W	7/17/2013	PEM	None
Nelson	NE052a1W	7/17/2013	PEM	None
Nelson	NE053a1W	7/17/2013	PEM	None
Nelson	NE053b1W	7/18/2013	PEM	None
Nelson	NE054a1W	7/18/2013	PEM	None
Nelson	NE054b1W	7/18/2013	PEM	None
Nelson	NE054c1W	7/18/2013	PEM	None
Nelson	NE056_200a1W	7/18/2013	PEM	None
Nelson	NE056a1W	7/18/2013	PEM	None
Nelson	NE056c1W	7/18/2013	PEM	None
Nelson	NE057a1W	7/18/2013	PEM	None
Nelson	NE057b1W	7/18/2013	PEM	None
Nelson	NE058_100a1W	7/18/2013	PEM	None
Nelson	NE058_100b1W	7/18/2013	PEM	None
Nelson	NE058_100c1W	7/18/2013	PEM	None
Nelson	NE058_100d1W	7/18/2013	PEM	None
Nelson	NE058a1W	7/18/2013	PEM	None
Nelson	NE058b1W	7/18/2013	PEM	None
Nelson	NE058c1W	7/18/2013	PEM	None
Nelson	NE058d1W	7/19/2013	PEM	None
Nelson	NE059a1W	7/18/2013	PEM	None
Nelson	NE061a1W	7/18/2013	PEM	None
Nelson	NE061b1W	7/19/2013	PEM	None
Grand Forks	GR001a1W	7/19/2013	PEM	None
Grand Forks	GR001b1W	7/19/2013	PEM	None
Grand Forks	GR001c1W	7/19/2013	PEM	None
Grand Forks	GR002a1W	7/19/2013	PEM	None
Grand Forks	GR002b1W	7/19/2013	PEM	None
Grand Forks	GR003a1W	7/22/2013	PEM	None
Grand Forks	GR003b1W	7/22/2013	PEM	None
Grand Forks	GR003c1W	7/22/2013	PEM	None
Grand Forks	GR004a1W	7/22/2013	PEM	None
Grand Forks	GR007a1W	7/22/2013	PEM	None
Grand Forks	GR007b1W	7/22/2013	PEM	None
Grand Forks	GR008a1W	7/22/2013	PEM	None
Grand Forks	GR009a1W	7/19/2013	PEM	None
Grand Forks	GR009b1W	7/19/2013	PEM	None
Grand Forks	GR009c1W	7/19/2013	PEM	None
Grand Forks	GR011_310a1W	7/19/2013	PEM	None
Grand Forks	GR013_200a1W	7/22/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Grand Forks	GR014a1W	7/22/2013	PEM	None
Grand Forks	GR014b1W	7/22/2013	PEM	None
Grand Forks	GR015a1W	7/22/2013	PEM	None
Grand Forks	GR016a1W	7/22/2013	PEM	None
Grand Forks	GR016b1W	7/22/2013	PEM	None
Grand Forks	GR016c1W	7/22/2013	PEM	None
Grand Forks	GR017a1W	7/22/2013	PEM	None
Grand Forks	GR018a1W	7/22/2013	PEM	None
Grand Forks	GR018b1W	7/26/2013	PEM	None
Grand Forks	GR021a1W	7/22/2013	PEM	None
Grand Forks	GR021c1W	7/22/2013	PEM	None
Grand Forks	GR022a1W	7/23/2013	PEM	None
Grand Forks	GR022b1W	7/23/2013	PEM	None
Grand Forks	GR024a1W	7/23/2013	PEM	None
Grand Forks	GR024b1W	7/23/2013	PEM	None
Grand Forks	GR030a1W	7/26/2013	PEM	None
Grand Forks	GR031a1W	8/26/2013	PEM	None
Grand Forks	GR032a1W	8/26/2013	PEM	None
Grand Forks	GR033a1W	8/27/2013	PEM	None
Grand Forks	GR033b1w	8/27/2013	PEM	None
Grand Forks	GR034a1W	9/11/2013	PEM	None
Grand Forks	GR036aw1	7/23/2013	PEM	None
Grand Forks	GR036b1W	7/23/2013	PEM	None
Grand Forks	GR039_300a1W	7/23/2013	PEM	None
Grand Forks	GR041a1W	7/23/2013	PEM	None
Grand Forks	GR041b1W	7/23/2013	PEM	None
Grand Forks	GR042a1W	7/24/2013	PEM	None
Grand Forks	GR043a1W	7/24/2013	PEM	None
Grand Forks	GR043b1W	7/24/2013	PEM	None
Grand Forks	GR043c1W	7/24/2013	PEM	None
Grand Forks	GR046a1W	7/24/2013	PFO	None
Grand Forks	GR046b1W	7/26/2013	PFO	None
Grand Forks	GR049a1W	9/20/2013	PEM	None
Grand Forks	GR055a1W	8/26/2013	PEM	None
Grand Forks	GR061a1W	7/24/2013	PFO	None
Grand Forks	GR061b1W	7/25/2013	PEM	None
Grand Forks	GR061c1W	7/25/2013	PEM	None
Grand Forks	GR061d1W	7/25/2013	PEM	None
Grand Forks	GR061e1W	7/25/2013	PEM	None
Grand Forks	GR062a1W	7/25/2013	PEM	None
Grand Forks	GR062b1W	7/25/2013	PEM	None
Grand Forks	GR063a1W	9/11/2013	PEM	None
Grand Forks	GR064a1W	10/2/2013	PEM	None

County	Feature ID	Survey Date	Cowardin	
			Classification	Agency Designation
Grand Forks	GR064b1W	10/2/2013	PEM	None
Grand Forks	GR070a1W	7/29/2013	PEM	None
Grand Forks	GR070b1W	7/29/2013	PEM	None
Grand Forks	GR071a1W	8/26/2013	PEM	None
Grand Forks	GR076a1W	8/26/2013	PEM	None
Grand Forks	GR076c1W	8/26/2013	PEM	None
Grand Forks	GR076d1W	8/26/2013	PEM	None
Grand Forks	GR078a1W	8/26/2013	PEM	None
Grand Forks	GR080a1W	7/29/2013	PEM	None
Grand Forks	GR081a1W	7/29/2013	PEM	None
Grand Forks	GR081b1W	7/29/2013	PEM	None
Grand Forks	GR082a1W	8/26/2013	PEM	None
Grand Forks	GR084a1W	7/30/2013	PEM	None
Grand Forks	GR084b1W	7/30/2013	PEM	None
Grand Forks	GR084c1W	7/30/2013	PEM	None
Grand Forks	GR085a1W	7/30/2013	PEM	None
Grand Forks	GR085b1W	7/30/2013	PEM	None
Grand Forks	GR085c1W	7/30/2013	PEM	None
Grand Forks	GR089a1W	7/29/2013	PEM	None
Grand Forks	GR090a1W	7/29/2013	PEM	None
Grand Forks	GR106_526a1W	7/30/2013	PEM	None

County	Feature ID	Cowardin Classification	Survey Date	Flow Rate (m/s)	Left Bank Height (ft)	Right Bank Height (ft)	Top of Bank Width (ft)	OHWM Height (ft)	OHWM Width (ft)	Substrate	Dominant Riparian Vegetation	Waterbody	Agency Designation
Williams	WI008aWB	R2US	8/21/2013	0.00	2.50	2.50	35.00	2.75	50.00	Clay	Phalaris arundinacea	Dry Fork Creek	None
Williams	WI008aWB	R2US	8/21/2013	0.00	2.50	2.50	35.00	2.75	50.00	Clay	Phalaris arundinacea	Dry Fork Creek	None
Williams	WI011aWB	R6	6/24/2013	1.00	0.05	0.05	1.00	1.00	2.00	Silt	row crops	Unnamed Stream	None
Williams	WI011bWB	R6	6/24/2013	0.30	0.10	0.10	0.50	0.30	0.50	Silt	row crops	Unnamed Stream	None
Mountrail	MO010aWB	R4SB	9/3/2013	2.00	6.00	6.00	45.00		60.00	Silt	Spartina pectinata	White Earth River	None
Mountrail	MO015aWB	R6	6/25/2013	1.00	1.00	1.00	6.00	4.00	6.00	Silt	Disturbed Pasture	Unnamed Tributary (White Earth River)	None
Mountrail	MO025_100aWB	R6	6/26/2013	0.50	0.50	0.50	5.00	4.00	2.00	Silt	Mentha arvensis	Unnamed Stream	None
Mountrail	MO034aWB	Ditch	8/1/2013	0.00	15.00	15.00	45.00	5.00	20.00	Gravel	Rumex maritimus, Typha X glauca	Unnamed Ditch	None
Mountrail	MO035aWB	Ditch	8/2/2013	0.00	15.00	15.00	25.00	2.00	12.00	Clay	Phalaris arundinacea	Unnamed Ditch	None
Mountrail	MO046aWB	R4SB	8/1/2013	0.50	1.00	1.00	10.00	10.00	150.00	Clay	Spartina sp.	Unnamed Stream	None
Mountrail	MO047aWB	R2UB	8/1/2013	1.00	0.75	0.75	650.00	4.00	1400.00	Clay	Scirpus Sp.	Little Knife River	303 D Impaired Waterbody
Mountrail	MO049aWB	R6	8/1/2013	0.00	0.00	0.00	0.00	0.00	0.00	NA	Bromus sp.	Unnamed Tributary (Little Knife River)	None
Mountrail	MO051aWB	R6	8/1/2013	0.00	0.50	0.50	10.00	0.70	12.00	Clay	Bromus sp.	Unnamed Tributary (Little Knife River)	None
Mountrail	MO056_210aWB	R3UB	9/3/2013	0.00	1.50	1.50	170.00	2.20	225.00	Clay	Spartina pectinata	Little Knife River	303 D Impaired Waterbody
Mountrail	MO059aWB	R6	6/25/2013	0.50	0.30	0.30	3.00	1.00	2.00	Silt	Row Crop	Unnamed Stream	None
Ward	WA009aWB	R6	7/9/2013	0.01	2.00	2.00	8.00	2.00	8.00	Silt	Typha sp.	Unnamed Stream	None
Ward	WA021_100aWB	Ditch	8/7/2013	0.10	6.00	4.00	80.00	1.00	69.00	Clay	Typha x glauca	Unnamed Ditch	None
Ward	WA023aWB	Ditch	8/7/2013	0.00	1.00	1.00	10.00	8.00	0.50	Silt	Thlaspi arvense, Amaranthus retroflexus, Ambrosia artemisiifolia	Unnamed Ditch	None
Ward	WA024aWB	Ditch	8/7/2013	0.00	1.50	0.50	11.00	1.50	11.00	Silt	Echinocloa crusgali	Unnamed Ditch	None
Ward	WA024bWB	Ditch	8/7/2013	0.00	2.50	10.00	17.00	1.00	7.00	Silt	Phalaris arundinacea	Unnamed Ditch	None
Ward	WA032aWB	R2UB	8/12/2013	0.00	5.00	5.00	8.00	8.00	17.00	Gravel	Spartina pectinata	Fuller Coulee	None
Ward	WA036aWB	Ditch	8/13/2013	0.00	0.20	0.20	3.00	0.10	0.10	Silt	Echinochloa crus-galli	Unnamed Ditch	None
Ward	WA039aWB	R4SB	8/13/2013	0.00	1.50	1.50	4.00	1.50	4.00	Clay	Scirpus pallidus, Spartina pectinata	Unnamed Stream	None
Ward	WA041aWB	R4SB	9/3/2013	1.50	12.00	20.00	75.00	3.00	60.00	Clay	Cirsium arvense	Des Lac River	None
Ward	WA041bWB	R4SB	9/3/2013	1.00	14.00	25.00	50.00	4.00	40.00	Clay	Bidens alba	Des Lac River	None
Ward	WA041cWB	R4SB	9/3/2013	2.00	15.00	20.00	25.00	5.00	20.00	Clay	Spartina pectinata	Des Lac River	None
Ward	WA055aWB	Ditch	8/13/2013	0.00	0.00	0.00	0.00	0.00	0.00	NA	Row Crops	Unnamed Ditch	None
Ward	WA070aWB	R2UB	8/16/2013	1.00	3.50	0.00	450.00	3.00	430.00	Silt	Typha x glauca	Unnamed Stream	None
Ward	WA070bWB	R4SB	7/15/2013	0.50	1.00	1.00	9.00	1.50	8.00	Silt	Carex pellita	Unnamed Stream	None
Ward	WA079aWB	R2UB	8/20/2013	0.00	2.00	2.00	30.00	2.00	30.00	Silt	Spartina pectinata, Typha x glauca, lycopus americana	Unnamed Stream	None
Ward	WA082aWB	R3UB	8/21/2013	0.00	5.00	3.00	130.00	2.00	100.00	Clay	Scirpus tabermonia, Spartina pectinata, Typha x glauca	Egg Creek	None
Ward	WA084aWB	R2UB	8/21/2013	0.00	4.00	3.00	50.00	1.50	34.00	Silt	Spartina pectinata, Typha x glauca	Unnamed Stream	None
Ward	WA092aWB	R2UB	7/18/2013	0.50	1.00	1.00	150.00	3.00	120.00	Silt	Hordeum jubatum	Unnamed Stream	None
McHenry	MC003aWB	R3UB	8/21/2013	0.50	1.00	1.00	50.00	6.00	250.00	Clay	Sparganium eurycarpum, Typha latifolia, Sium suave	Little Deep Creek	None
McHenry	MC018aWB	R3UB	8/22/2013	0.10	6.00	4.00	150.00	5.00	160.00	Silt	Typha latifolia	Little Deep Creek	None
McHenry	MC029_540aWB	R2UB	7/19/2013	0.00	0.00	0.00	0.00	0.00	0.00	Silt	Carex atherodes, Eleocharis palustris, Hippuris vulgaris	Cut Bank Creek	None
McHenry	MC078aWB	R4SB	8/24/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Alisma subcordatum, Persicaria amphibia, Sium suave	Souris River	303d Impaired Waterbody
Pierce	PI004aWB	Ditch	7/11/2013	0.00	0.00	0.00	0.00	0.00	0.00	Silt	Brassica napus	Unnamed Ditch	None
Pierce	PI014aWB	R4SB	6/21/2013	1.00	4.00	4.00	10.00	6.00	20.00	Sand	Typha sp.	Unnamed Stream	None

County	Feature ID	Cowardin Classification	Survey Date	Flow Rate (m/s)	Left Bank Height (ft)	Right Bank Height (ft)	Top of Bank Width (ft)	OHWM Height (ft)	OHWM Width (ft)	Substrate	Dominant Riparian Vegetation	Waterbody	Agency Designation
Pierce	PI014bWB	R4SB	6/28/2013	1.00	5.00	4.00	12.00	6.00	20.00	Sand	Phalaris arundinacea	Unnamed Stream	None
Pierce	PI014cWB	R4SB	6/28/2013	1.00	5.00	5.00	10.00	6.00	15.00	Sand	Spartina pectinata	Unnamed Stream	None
Pierce	PI036aWB	R3UB	8/12/2013	1.00	2.00	2.00	4.00	1.00	2.00	Sand	Echinochloa crus-galli	Unnamed Ditch	None
Pierce	PI080aWB	Ditch	8/14/2013	0.00	0.00	0.00	0.00	0.00	0.00	Sand	NA	Unnamed Ditch	None
Pierce	PI081_200aWB	Ditch	9/6/2013	0.00	1.00	1.00	8.00	1.25	9.00	Clay	Row Crops	Unnamed Ditch	None
Pierce	PI083aWB	R6	7/2/2013	0.00	2.00	2.00	4.00	2.00	15.00	Silt	Brassica napus	Unnamed Stream	None
Pierce	PI083bWB	R6	7/2/2013	1.00	1.00	1.00	15.00	2.00	45.00	Clay	Phalaris arundinacea	Unnamed Stream	None
Pierce	PI088aWB	R3UB	9/5/2013	0.00	1.00	1.00	70.00	1.00	70.00	Clay	Sparganium eurycarpum, Typha x glauca	Unnamed Stream	None
Pierce	PI092a1WB	R4SB	8/13/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Argentina anserina, Spartina pectinata, Mentha arvensis	Unnamed Stream	None
Pierce	PI092a2WB	R4SB	8/13/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Argentina anserina, Spartina pectinata, Mentha arvensis	Unnamed Stream	None
Pierce	PI092aWB	R4SB	8/13/2013	1.20	3.00	3.50	30.00	4.00	35.00	Clay	Medicago sativa	Unnamed Stream	None
Pierce	PI093aWB	R4SB	8/13/2013	0.75	1.50	2.50	70.00	6.25	80.00	Clay	Typha sp.	Unnamed Stream	None
Towner	TO002aWB	R3UB	8/15/2013	0.50	1.00	1.00	80.00	5.00	120.00	Silt	Typha sp.	Unnamed Stream	None
Towner	TO016aWB	R6	6/13/2013	0.50	2.00	3.00	30.00	1.00	20.00	Silt	Zea mays	Unnamed Stream	None
Towner	TO016bWB	R4SB	6/13/2013	0.50	1.00	2.00	20.00	3.00	60.00	Silt	Typha X glauca	Unnamed Stream	None
Towner	TO020aWB	R6	6/13/2013	0.20	0.50	1.00	8.00	1.00	10.00	Silt	Row Crops	Unnamed Stream	None
Towner	TO042aWB	R4SB	8/19/2013	1.00	3.00	1.00	450.00	3.00	650.00	Silt	Typha sp.	Unnamed Tributary (Big Coulee)	None
Towner	TO044aWB	R2US	8/20/2013	0.25	1.00	1.00	30.00	4.50	700.00	Silt	Typha sp.	Unnamed Tributary (Big Coulee)	None
Towner	TO046aWB	Ditch	10/3/2013	0.00	0.25	0.25	12.00	0.25	12.00	Clay	Typha x glauca	Unnamed Tributary (Big Coulee)	None
Towner	TO049aWB	Ditch	9/6/2013	0.00	0.25	0.25	25.00	1.00	25.00	Clay	Typha x glauca	Unnamed Ditch	None
Towner	TO051aWB	R4SB	9/6/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Hordeum jubatum, Rumex crispus, Echinochloa muricata	Big Coulee	None
Towner	TO060aWB	R2UB	8/22/2013	5.00	6.00	6.00	50.00	1.00	56.00	Silt	Typha sp.	Unnamed Stream	303d Impaired Waterbody
Towner	TO062aWB	Ditch	9/6/2013	0.00	1.75	1.75	12.00	2.00	16.00	Clay	Plowed Field	Unnamed Ditch	None
Towner	TO067aWB	R6	8/21/2013	0.00	0.50	0.50	30.00	0.50	18.00	Silt	Echinochloa crus gali	Unnamed Ditch	None
Towner	TO069aWB	Ditch	8/21/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Eleocharis parvula, Alisma subcordatum	Unnamed Ditch	None
Towner	TO070aWB	Ditch	8/21/2013	0.00	5.00	5.00	55.00	5.00	55.00	Clay	Typha x glauca	Unnamed Ditch	None
Towner	TO074aWB	Ditch	8/20/2013	0.00	4.75	4.75	35.00	3.75	25.00	Clay	Typha x glauca	Unnamed Ditch	None
Towner	TO074bWB	Ditch	8/20/2013	0.10	2.00	2.00	30.00	2.20	40.00	Clay	Typha sp.	Unnamed Ditch	None
Ramsey	RA005aWB	Ditch	10/2/2013	0.00	0.25	0.25	5.00	0.25	5.00	Clay	No vegetation	Unnamed Ditch	None
Ramsey	RA005bWB	Ditch	10/2/2013	0.00	0.50	0.50	5.00	0.50	5.00	Clay	No vegetation	Unnamed Ditch	None
Ramsey	RA011aWB	Ditch	8/27/2013	0.50	4.00	5.00	25.00	2.00	15.00	Silt	Alisma graminium	Unnamed Ditch	None
Ramsey	RA016aWB	R2UB	8/28/2013	5.00	8.00	8.00	36.00	5.00	24.00	Clay	Chara sp.	Starkweather Coulee	None
Ramsey	RA034aWB	Ditch	8/29/2013	0.00	2.00	2.00	10.00	2.50	10.00	Clay	Typha sp.	Unnamed Ditch	None
Ramsey	RA040aWB	Ditch	8/29/2013	0.00	2.50	2.50	8.00	3.10	10.00	Clay	Sonchus oleraceus	Unnamed Ditch	None
Ramsey	RA043aWB	Ditch	8/29/2013	0.00	5.00	5.00	12.00	5.20	13.00	Clay	Typha sp.	Unnamed Ditch	None
Ramsey	RA046aWB	R3UB	8/29/2013	0.00	35.00	40.00	150.00	10.00	60.00	Clay	Typha x glauca	Edmor Coulee	None
Ramsey	RA047aWB	R3UB	8/29/2013	0.00	20.00	20.00	125.00	13.00	80.00	Clay	Typha x glauca	Edmor Coulee	None
Ramsey	RA047bWB	R3UB	8/29/2013	1.00	30.00	30.00	120.00	8.00	80.00	Clay	Typha x glauca	Edmor Coulee	None
Ramsey	RA047cWB	R3UB, Ditch	8/29/2013	0.00	20.00	40.00	110.00	9.00	45.00	Clay	Typha x glauca	Edmor Coulee	None
Ramsey	RA048aWB	Ditch	8/29/2013	0.00	3.00	3.00	19.00	1.50	7.00	Clay	Brassica kaber	Unnamed Ditch	None
Ramsey	RA048bWB	Ditch	8/29/2013	0.00	13.00	13.00	28.00	5.00	22.00	Clay	Typha x glauca	Unnamed Ditch	None
Ramsey	RA048cWB	R3UB	8/29/2013	0.00	30.00	30.00	90.00	15.00	60.00	Clay	Typha x glauca	Edmor Coulee	None
Ramsey	RA049aWB	Ditch	8/29/2013	0.00	6.00	6.00	15.00	2.00	10.00	Silt	Potemegeton pectinata	Unnamed Ditch	None
Ramsey	RA053aWB	Ditch	8/29/2013	0.00	2.50	2.50	13.00	2.50	13.00	Silt	Alisma subcordata	Unnamed Ditch	None
Ramsey	RA058aWB	Ditch	8/28/2013	0.00	1.00	1.00	3.50	0.01	0.10	Clay	Bare ground	Unnamed Ditch	None
Ramsey	RA059aWB	Ditch	8/28/2013	0.00	3.00	3.00	6.00	3.00	6.00	Clay	Rumex crispus	Unnamed Ditch	None
Ramsey	RA064aWB	Ditch	8/28/2013	0.00	0.50	0.50	2.00	0.50	1.50	Clay	Typha x glauca	Unnamed Ditch	None

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Ramsey	RA064bWB	Ditch	8/28/2013	0.00	2.50	2.50	5.00	2.50	5.00	Silt	Cirsium arvense	Unnamed Ditch	None
Ramsey	RA077aWB	Ditch	8/27/2013	0.00	4.50	4.50	12.00	2.00	6.00	Silt	Alisma subcortatum	Unnamed Ditch	None
Ramsey	RA080aWB	R6	7/12/2013	1.00	3.00	4.00	15.00	3.00	10.00	Clay	Typha sp.	Unnamed Ditch	None
Nelson	NE003aWB	Ditch	9/5/2013	0.00	6.00	6.00	15.00	1.75	6.00	Clay	Bare ground	Unnamed Ditch	None
Nelson	NE003bWB	Ditch	9/5/2013	0.00	1.25	1.25	2.75	0.10	0.75	Clay	Bare ground	Unnamed Ditch	None
Nelson	NE004aWB	Ditch	9/11/2013	0.00	4.00	4.00	18.00	5.00	20.00	Clay	Typha sp.	Unnamed Ditch	None
Nelson	NE013aWB	Ditch	8/26/2013	1.00	15.00	15.00	50.00	4.00	16.00	Sand	Typha sp.	Unnamed Ditch	None
Nelson	NE015aWB	Ditch	7/11/2013	0.10	15.00	10.00	40.00	5.00	13.00	Silt	Typha x glauca	Unnamed Ditch	None
Nelson	NE058aWB	Ditch	7/18/2013	0.50	3.00	3.00	13.00	3.00	13.00	Silt	Typha x glauca	Unnamed Ditch	None
Nelson	NE058bWB	Ditch	7/19/2013	0.00	11.00	4.00	40.00	4.00	29.00	Silt	Typha x glauca	Unnamed Ditch	None
Nelson	NE059aWB	Ditch	7/18/2013	0.00	1.00	1.00	8.00	1.00	9.00	Clay	Hordeum sp.	Unnamed Ditch	None
Grand Forks	GR003aWB	R2UB	7/22/2013	0.50	10.00	4.00	130.00	8.00	95.00	Clay	Typha x glauca, Phragmites australis	Little Goose River	None
Grand Forks	GR010aWB	R6	7/19/2013	0.00	4.00	5.00	40.00	15.00	350.00	Clay	Typha sp.	South Branch Turtle River	303d Impaired Waterbody
Grand Forks	GR013_200aWB	R6	7/22/2013	0.00	3.00	5.00	60.00	40.00	350.00	Clay	Spartina sp.	South Branch Turtle River	303d Impaired Waterbody
Grand Forks	GR013aWB	R6	7/22/2013	0.00	3.00	3.00	30.00	40.00	220.00	Clay	Typha sp.	South Branch Turtle River	303d Impaired Waterbody
Grand Forks	GR016aWB	R6	7/22/2013	0.00	1.50	1.50	12.00	3.00	35.00	Clay	Glycine sp.	Unnamed Ditch	None
Grand Forks	GR017aWB	R6	7/22/2013	0.00	2.00	2.00	15.00	15.00	300.00	Sand	Typha sp.	Unnamed Stream	None
Grand Forks	GR018aWB	R6	9/11/2013	0.00	2.00	2.00	4.00	2.00	4.00	Silt	Typha x glauca	Unnamed Stream	None
Grand Forks	GR025aWB	Ditch	7/23/2013	0.00	13.00	13.00	42.00	5.00	22.00	Silt	Typha x glauca, Schoenoplectus actus	Unnamed Ditch	None
Grand Forks	GR067aWB	Ditch	7/29/2013	1.00	2.50	2.00	2.75	7.00	60.00	Sand	Phalaris arundinacea	Unnamed Ditch	None
Grand Forks	GR081aWB	R2UB	7/29/2013	0.00	14.00	6.00	40.00	6.00	10.00	Clay	Spartina pectinata, Schoenoplectus fluviatilis	Unnamed Stream	None
Grand Forks	GR082aWB	R2UB	9/11/2013	0.00	3.00	4.80	40.00	1.50	36.00	Gravel	Typha x glauca	Unnamed Stream	None
Grand Forks	GR084aWB	R3UB	7/30/2013	0.00	35.00	20.00	250.00	12.00	100.00	Clay	Typha x glauca	Fresh Water Coulee	None
Grand Forks	GR086aWB	Ditch	7/30/2013	0.00	12.00	12.00	22.00	6.00	12.00	Gravel	Typha x glauca	Unnamed Ditch	None
Grand Forks	GR087aWB	Ditch	7/29/2013	0.00	1.50	1.50	12.00	1.50	12.00	Clay	Typha x glauca	Unnamed Ditch	None
Grand Forks	GR106_520aWB	R4SB	7/30/2013	0.00	1.50	1.50	10.00	2.00	10.00	Silt	Typha x glauca	Wilson Creek	None
Grand Forks	GR106_542aWB	R3UB	7/30/2013	0.00	35.00	15.00	45.00	7.00	20.00	Clay	Salix exigua, Typha x glauca	Elm Coulee	None
Grand Forks	GR106_542bWB	R3UB	7/30/2013	0.00	10.00	10.00	35.00	6.00	15.00	Clay	Salix exigua, Typha x glauca	Elm Coulee	None
Grand Forks	GR106_546aWB	Ditch	9/20/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Salix exigua, Typha x glauca	Unnamed Tributary (Red River of the North)	None
Grand Forks	GR106_556aWB	R4SB	9/20/2013	0.00	0.00	0.00	0.00	0.00	0.00	Clay	Salix exigua, Typha x glauca	Red River of the North	303d Impaired Waterbody
Grand Forks	GR46aWB	R2US	9/11/2013	0.00	0.00	0.00	0.00	0.00	0.00	Silt	Phalaris arundinacea, Scirpus pallidus, Urtica dioica	NA	None