

TABLE 2.0-3

**WETLAND STATUS FOR 80 PLOTS SAMPLED
WETLAND STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007**

Plot	Mapping Unit	Wetland (Y/N)	Vegetation Type (Cowardin)	Vegetation Subtype	Community Type
1	MFEMB	Y	Emergent	Saline	<i>Distichlis spicata/Puccinellia nuttalliana</i>
32	MFEMB	Y	Emergent	Saline	<i>Suaeda depressa/Distichlis spicata</i>
*33	DEMA	Y	Emergent	Saline	<i>Hordeum jubatum/Distichlis spicata</i>
*36	MFEMB	Y	Emergent	Saline	<i>Distichlis spicata/Puccinellia nuttalliana</i>
*38	UPL	N	Upland	Saline	<i>Puccinellia nuttalliana/Hordeum jubatum/Distichlis spicata</i>
*52	MFEMB	Y	Emergent	Saline	<i>Puccinellia nuttalliana</i>
*53	SEMB	Y	Emergent	Saline	<i>Distichlis spicata/Puccinellia nuttalliana</i>
*94	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Bromus inermis</i>
*95	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Bromus inermis/Poa pratensis</i>
*97	UPL	N	Upland	Riparian Woodland	<i>Acer negundo/Fraxinus pennsylvanica/Bromus inermis</i>
*98	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Acer negundo/Bromus inermis</i>
*101	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Poa pratensis/Bromus inermis</i>
*106	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Symphoricarpos occidentalis/Poa pratensis</i>
113	DEMA	Y	Emergent	Wet	<i>Spartina pectinata</i>
*117	UPL	N	Upland	Wet (Saline)	<i>Puccinellia cusickii/Hordeum jubatum</i>
*118	DEMC	Y	Emergent	Wet	<i>Eleocharis xyridiformis/Carex laeviconica</i>
*123	DEMC	Y	Emergent	Wet	<i>Carex laeviconica/Polygonum amphibium</i>
*128	DEMA (PI)	Y	Emergent	Wet	<i>Carex laeviconica/Hordeum jubatum</i>
*129	R4EMA/B	Y	Emergent	Wet	<i>Spartina pectinata/Polygonum amphibium</i>
130	R4EMA/B	Y	Emergent	Wet	<i>Spartina pectinata/Carex praegracilis</i>
132	R4EMA/B	Y	Emergent	Wet	<i>Spartina pectinata</i>
1004	R2UB3/REM C/UPL	Y	Emergent	Wet	<i>Carex aquatilis/Spartina pectinata</i>
1005	UPL	N	Upland	Mesic	<i>Bromus inermis (Symphoricarpos occidentalis)</i>
1006	SEMB	Y	Emergent	Wet	<i>Typha latifolia/Spartina pectinata</i>
*1007	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Symphoricarpos occidentalis/Prunus virginiana/Bromus inermis</i>
1008	UPL	N	Upland	Mesic	<i>Bromus inermis/Poa pratensis</i>
1010	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Ulmus americana/Bromus inermis</i>
1012	UPL	N	Upland	Mesic	<i>Bromus inermis/Poa pratensis</i>
1017	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Ulmus americana/Acer negundo/Prunus virginiana/Bromus inermis</i>
1018	DEMA (PI)	Y	Emergent	Wet	<i>Carex laeviconica</i>
1019	UPL	N	Upland	Riparian Woodland	<i>Fraxinus pennsylvanica/Prunus virginiana /Bromus inermis</i>
1021	UPL	Y	Emergent	Wet	<i>Spartina pectinata (2006 plot = Acer negundo/Fraxinus pennsylvanica)</i>
1022	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Carex aquatilis (2006 plot = Acer negundo/Fraxinus pennsylvanica)</i>
1041	UPL	N	Upland	Mesic	<i>Bromus inermis/Poa pratensis</i>
1042	UPL	N	Upland	Mesic	<i>Poa pratensis/Agropyron smithii</i>
*1053	UPL	N	Upland	Mesic	<i>Poa pratensis/Agropyron smithii (2006 plot = Carex laeviconica)</i>

TABLE 2.0-3

**WETLAND STATUS FOR 80 PLOTS SAMPLED
WETLAND STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007**

Plot	Mapping Unit	Wetland (Y/N)	Vegetation Type (Cowardin)	Vegetation Subtype	Community Type
1061	DEMA	Y	Emergent	Wet	<i>Spartina pectinata/Carex laeviconica</i>
1073	DEMAh	Y	Emergent	Wet	<i>Carex laeviconica/Polygonum amphibium</i>
1074	UPL	N	Upland	Scrub/Shrub	<i>Shepherdia argentea/Prunus virginiana/Bromus inermis</i>
*1075	UPL	N	Upland	Mesic	<i>Poa pratensis/Agropyron smithii</i>
*1076	DEMAhx	Y	Emergent	Wet	<i>Eleocharis xyridiformis</i>
1077	UPL	N	Upland	Scrub/Shrub	<i>Symphoricarpos occidentalis/Poa pratensis/Carex praegracilis</i>
1078	UPL	N	Upland	Mesic	<i>Carex praegracilis/Poa pratensis</i>
1079	DEMA (PI)	Y	Emergent	Mesic	<i>Poa pratensis/Juncus balticus/Carex praegracilis</i>
*1080	DEMC	Y	Emergent	Wet	<i>Hordeum jubatum/Rumex mexicanus</i>
1081	SEMB	Y	Emergent	Saline	<i>Scirpus maritimus/Puccinellia nuttalliana</i>
*1083	DEMAhx	Y	Emergent	Wet	<i>Carex laeviconica</i>
*1084	DEMA (PI)	Y	Emergent	Wet	<i>Carex laeviconica</i>
1085	R4EMA/B	Y	Emergent	Wet	<i>Spartina pectinata/Hordeum jubatum</i>
*1086	DEMAh (PI)	Y	Emergent	Wet	<i>Carex laeviconica</i>
*1087	DEMA (PI)	Y	Emergent	Wet	<i>Carex laeviconica</i>
*1088	DOWAh (PI)	Y	Emergent	Mesic	<i>Hordeum jubatum/Grindelia squarrosa</i>
*1089	DEMC	Y	Emergent	Wet	<i>Eleocharis xyridiformis</i>
*1090	DOWA (PI)	Y	Emergent	Wet	<i>Xanthium strumarium/Ambrosia artemisiifolia</i>
*1091	DEMA (PI)	Y	Emergent	Wet	<i>Carex laeviconica</i>
*1092	UPL	Y	Forested	Riparian Woodland	<i>Fraxinus pennsylvanica/Symphoricarpos occidentalis/Carex laeviconica</i>
1094	DEMA	Y	Emergent	Wet	<i>Spartina pectinata</i>
1095	DEMCx (PI)	Y	Emergent	Wet	<i>Typha latifolia</i>
*1098	DOWCh	Y	Emergent	Mesic	<i>Hordeum jubatum</i>
1099	SEMB	Y	Emergent	Wet	<i>Hordeum jubatum/Carex praegracilis/Spartina pectinata</i>
*1100	DOWChx	Y	Emergent	Wet	<i>Xanthium strumarium/Artemisia biennis</i>
1101	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Juncus balticus/Carex praegracilis/Eleocharis xyridiformis</i>
*1102	SEMB	Y	Emergent	Wet	<i>Juncus balticus/Distichlis spicata/Bromus inermis</i>
1103	DEMA (PI)	Y	Scrub/Shrub	-	<i>Symphoricarpos occidentalis/Carex laeviconica/Polygonum amphibium</i>
*1104	DFOAx	Y	Forested	-	<i>Populus deltoides/Carex praegracilis</i>
1105	R4UB3/R-DEMA	Y	Emergent	Wet	<i>Spartina pectinata/Carex laeviconica</i>
*1106	DEMA	Y	Emergent	Wet	<i>Carex laeviconica</i>
1107	R4UB3/R-DSSC	Y	Scrub/Shrub	-	<i>Salix exigua/Poa pratensis</i>
1108	DEMAh (PI)	Y	Emergent	Wet	<i>Eleocharis xyridiformis/Rumex mexicanus</i>
*1109	UPL	N	Upland	Mesic	<i>Hordeum jubatum/Grindelia squarrosa</i>
*1110	DSSA(PI)	Y	Scrub/Shrub	-	<i>Symphoricarpos occidentalis/Carex laeviconica</i>
*1111	UPL	N	Upland	Mesic	<i>Poa pratensis/Agropyron smithii</i>

TABLE 2.0-3

**WETLAND STATUS FOR 80 PLOTS SAMPLED
WETLAND STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007**

Plot	Mapping Unit	Wetland (Y/N)	Vegetation Type (Cowardin)	Vegetation Subtype	Community Type
*PEM-1	DEMA (PI)	Y	Emergent	Wet	<i>Carex laeviconica/Hordeum jubatum (Symphoricarpos occidentalis)</i>
*PEM-2	UPL	Y	Emergent	Wet	<i>Carex aquatilis</i>
*PEM-3	DEMA (PI)	Y	Emergent	Wet	<i>Hordeum jubatum/Poa pratensis</i>
*PEM-4	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Carex aquatilis</i>
*PEM-5	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Carex aquatilis</i>
*PEM-6	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Carex aquatilis</i>
*PEM-7	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Carex aquatilis</i>
*PEM-8	R4UB3/R-DEMC	Y	Emergent	Wet	<i>Carex aquatilis</i>

Notes:

* Plots within the Permit Boundary

Mapping Unit Classification:

Hydrogeomorphic Class: R - Riverine, R2 - Lower Perennial, R4 - Nonperennial, D - Depressional, MF - Mineral Flat, S - Slope

Vegetation Type: EM - Emergent (Herbaceous), SS - Scrub/Shrub, FO - Forested, OW - Open Water/Developed Water Resource

Water Regime: A - Temporary, B - Saturated, C - Seasonal, F - Semipermanent

Other: UB3 - Unconsolidated Bottom - Mud, PI - Potentially Isolated

Special Modifiers: b - Beaver, h - Diked/Impounded, x - Excavated