

TABLE 2.3-1

WETLAND ACREAGE BY LANDOWNER AND MAPPING UNIT- PERMIT AREA

Landowner Tract Mapping Unit	Pre-Mining Wetland Acreage by Water Regime					Wetland Plots	Land Use	Successional Phase
	Saturated	Seasonal	Semi- Permanent	Temporary	Temporary/ Saturated			
Emmil, Leocadia Family Trust		0.06						
S-1399834-A		0.059						
R4UB3		0.048					Woodland/Grazing	Early
R4UB3/R-DSSC		0.011					Wetland/Grazing	Mid
R-DEMC		0.001					Wetland/Grazing	Early-Mid
Kuylen, Patrick 71%; Kuylen, Katherine R. 29%		1.91		6.34				
S-1399828-A		1.906		6.342				
DEMA (PI)				5.949		1087	Native Grassland/Grazing	Early-Mid
DOWA (PI)				0.393		1090	Native Grassland/Grazing	Early
R4UB3/R-DEMC		1.906				PEM-4	Wetland/Grazing	Late
Kuylen, Patrick 80%; Kuylen, Katherine R. 20%		5.68		3.55				
S-1399820-A		0.002						
R4UB3		0.002					Tame Pasture/Grazing	Early
S-1399827-A		5.682		3.551				
DEMA				0.421			Native Grassland/Woodland/Grazing	Early-Mid
DEMA (PI)				1.857		1091, PEM-1	Native Grassland/Woodland/Grazing	Mid
DEMAh				0.191			Developed Water Resource/Stockpond	Early
DEMAh (PI)				0.712			Developed Water Resource/Stockpond	Early
DEMAx (PI)				0.050			ROW	Early
DFOA (PI)				0.070			Woodland/Grazing	Mid
DOWCh		0.251				1098	Developed Water Resource/Stockpond	Early
DOWCh (PI)		0.102					Developed Water Resource/Stockpond	Early
DSSA				0.191			Wetland/Grazing	Mid
DSSA (PI)				0.059		1110	Woodland/Grazing	Mid
R4UB3		0.097					Native Grassland/Woodland/Grazing	Early
R4UB3/DEMC		0.555					Wetland/Grazing	Mid-Late
R4UB3/DOWC		0.062					Wetland/Grazing	Early-Mid
R4UB3/DSSC		0.179					Wetland/Grazing	Mid
R4UB3/DSSC/DEMC		0.495					Wetland/Grazing	Mid-Late
R4UB3/R-DEMC		3.941					Wetland/Grazing	Late

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Kuylen, Robert F. and Brenda K.	0.13	4.48		1.74		6.36		
S-1399816-B		3.363		0.118		3.482		
DEMA				0.077		0.077	Native Grassland/Grazing	Mid
DEMA (PI)				0.042		0.042	Native Grassland/Grazing	Mid
DEMC		2.902				2.902	1089 Wetland/Grazing	Mid
DOWChx		0.461				0.461	Developed Water Resource/Stockpond	Early
S-1399817-A	0.13	1.118		0.926		2.179		
DEMA				0.926		0.926	33 Native Grassland/Grazing	Mid
DEMC		0.610				0.610	1080 Native Grassland/Wetland/Grazing	Mid
DEMCh		0.035				0.035	Developed Water Resource/Stockpond	Early
DOWCh		0.074				0.074	Developed Water Resource/Stockpond	Early
DOWChx		0.353				0.353	Developed Water Resource/Stockpond	Early
R4UB3		0.046				0.046	Native Grassland/ROW/Grazing	Early
SEMB	0.13					0.134	Wetland/Grazing	Mid
S-1399821-A				0.700		0.700		
DEMA (PI)				0.031		0.031	Tame Pasture- Woodland/Grazing	Mid
DEMAh (PI)				0.174		0.174	1088 Developed Water Resource/Stockpond	Early
DEMAx (PI)				0.076		0.076	ROW	Early
DOWAh (PI)				0.069		0.069	Developed Water Resource/Stockpond	Early
DOWAhx (PI)				0.350		0.350	Developed Water Resource/Stockpond	Early
Meduna, Gary L. and Barbara	3.37	0.00		0.05		3.42		
S-1399809-F	3.37	0.004		0.050		3.421		
DEMA				0.002		0.002	Tame Pasture- Woodland/Grazing	Mid
DEMCx		0.004				0.004	Developed Water Resource/Stockpond	Early
MFEMB	2.45					2.451	36,52 Wetland/Grazing	Mid
R4UB3/DEMA				0.048		0.048	Wetland/Grazing	Mid
SEMB	0.92					0.916	53, 1102 Wetland/Grazing	Mid

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	Saturated	Seasonal	Semi- Permanent	Temporary	Temporary/ Saturated	Grand Total			
Perdaems, James D. and Rosella J.		9.28		3.73	2.46	15.46			
S-1399814-A		2.055			0.215	2.270			
R4EMA/B					0.215	0.215		Wetland/Grazing	Late
R4UB3/R-DEMC		2.055				2.055	PEM-8	Wetland/Grazing	Late
S-1399814-C		1.76		0.53		2.297			
DEMA (PI)				0.214		0.214	1084, PEM-3	Tame Pasture- Woodland/Grazing	Mid
DEMAx (PI)				0.171		0.171		Developed Water Resource/Stockpond	Early
DOWAx (PI)				0.149		0.149		Developed Water Resource/Stockpond	Early
R4UB3/R-DEMC		1.763				1.763		Wetland/Grazing	Mid-Late
S-1399822-A		5.461		3.191	2.243	10.895			
DEMA				0.153		0.153		Tame Pasture/Grazing	Mid
DEMA (PI)				0.384		0.384	128	Tame Pasture/Grazing	Mid
DEMAh (PI)				0.729		0.729	1086	Developed Water Resource/Stockpond	Mid
DEMAhx				1.520		1.520	1083	Developed Water Resource/Stockpond	Mid
DEMAhx (PI)				0.405		0.405		Developed Water Resource/Stockpond	Early
DOWChx		0.595				0.595	1100	Developed Water Resource/Stockpond	Early
DOWChx (PI)		0.321				0.321		Developed Water Resource/Stockpond	Early
DOWCx (FEEDLOT PONDS)		0.504				0.504		Developed Water Resource/Stockpond	Early
R4EMA/B					2.243	2.243	129	Wetland/Grazing	Late
R4UB3		0.094				0.094		Tame Pasture-Woodland	Early
R4UB3/R-DEMC		3.867				3.867	PEM-5	Wetland/Grazing	Mid-Late
R4UB3x		0.081				0.081		Tame Pasture/ROW/Grazing	Early
Perdaems, Jerry F. and Sandra M.		4.67		0.20		4.87			
S-1399822-B		4.182		0.204		4.386			
DEMC		0.116				0.116		Wetland/Grazing	Mid-Late
DOWAx (PI)				0.204		0.204		Developed Water Resource/Stockpond	Early
R4UB3/R-DEMC		4.067				4.067	PEM-6, PEM-7	Wetland/Grazing	Mid-Late
S-1399822-C		0.488				0.488			
DEMC		0.143				0.143		Wetland/Grazing	Mid
R4UB3/R-DEMC		0.345				0.345		Wetland/Grazing	Mid-Late

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Peters, Mary Louise et. al	0.17	5.08	0.05	3.34		8.64			
S-1399815-A		0.977		1.684		2.660			
DEMA				1.684		1.684	1106	Tame Pasture- Woodland/Grazing	Mid
DEMC		0.680				0.680	123	Wetland/Grazing	Mid
DOWCh		0.018				0.018		Developed Water Resource/Stockpond	Early-Mid
DOWChx		0.279				0.279		Developed Water Resource/Stockpond	Early-Mid
S-1399816-A	0.17	4.102	0.051	1.655		5.979			
DEMA				1.009		1.009		Native Grassland/Tame Pasture- Woodland	Mid
DEMAhx				0.288		0.288	1076	Developed Water Resource/Stockpond	Mid
DEMAx				0.148		0.148		Mines	Early
DEMC		3.031				3.031	118	Wetland	Mid
DEMCx		0.125				0.125		Developed Water Resource/Stockpond	Early
DFOAx				0.072		0.072	1104	Mines	Early
DOWCh		0.123				0.123		Developed Water Resource/Stockpond	Early
DOWChx		0.817				0.817		Developed Water Resource/Stockpond	Early-Mid
DOWFx			0.051			0.051		Developed Water Resource/Mine	Early-Mid
DSSAhx				0.136		0.136		Developed Water Resource/Stockpond	Early
MFEMB	0.03					0.032		Wetland/Grazing	Mid
R4UB3		0.006				0.006		Tame Pasture- Woodland/Grazing	Early-Mid
SEMB	0.14					0.139		Wetland/Grazing	Mid
Wagner, James and Lisa		0.04		0.19		0.24			
S-1399809-G		0.043		0.194		0.237			
DEMA				0.170		0.170		Native Grassland/ Woodland/Grazing	Mid
R4UB3		0.043				0.043		Native Grassland/ Woodland/Grazing	Early-Mid
R4UB3/DEMA				0.024		0.024		Native Grassland/ Woodland/Grazing	Early-Mid
Grand Total	3.67	31.20	0.05	19.15	2.46	56.53			

ROW - Right of Way

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

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