

**Table 1**  
**UMD's Wetland Inventory**

Wetland Name	Cowardin Classification	Circular 39 Classification	Eggers and Reed Classification	Origin <sup>1</sup>	Area (acres)	Proportion of Wetland	Complex Area (acres) <sup>2</sup>	General Wetland Quality <sup>3</sup>	Susceptibility to Stormwater Impacts <sup>4</sup>	Acceptable Artificial Inundation <sup>5</sup>
<b>Main Campus (Total Wetland Area<sup>6</sup>: 15.45 acres)</b>										
Fire Hall Complex	PSS1B	Type 6	Shrub-Carr	Natural	0.21	34%		Medium	Highly	+6-12 inches
	PUBHx	Type 5	Shallow, Open Water	Altered	0.35	56%		Low	Moderately	+1-6 feet
	PEM1A	Type 1	Seasonally Flooded	Constructed	0.06	10%	0.62	Medium	Exceptionally	Maintain as is
Rock Pond	PUBHx	Type 5	Shallow, Open Water	Altered	2.16	100%		Medium	Moderately	+1-6 feet
Wetland 1	PSS1B	Type 6	Shrub-Carr	Constructed	0.14	100%		High	Highly	+6-12 inches
West Branch Tischer Creek Complex	PFO1B	Type 7	Hardwood Swamp	Natural	4.49	43%		High	Exceptionally	Maintain as is
	PFO1A	Type 1	Floodplain Forest	Natural	5.87	57%	10.36	Medium	Moderately	+1-6 feet
Wetland 2	PUBHx	Type 4	Deep Marsh	Constructed	0.02	100%		Low	Moderately	+1-6 feet
Eric Clarke Complex	PFO1B	Type 7	Hardwood Swamp	Natural	1.90	88%		High	Exceptionally	Maintain as is
	PUBHx	Type 5	Shallow, Open Water	Altered	0.25	12%	2.15	Low	Moderately	+1-6 feet
<b>Lower Campus (Total Wetland Area<sup>6</sup>: 0.04 acres)</b>										
Oregon Creek	R2UBH	Type 90		Altered	0.04	100%		NA	NA	NA
<b>Natural Resources Research Institute (Total Wetland Area<sup>6</sup>: 0.73 acres)</b>										
Wetland 1	PEM1Cx	Type 3	Shallow Marsh	Constructed	0.04	24%		Low	Moderately	+12 inches
	PSS1Fx	Type 6	Shrub-Carr	Constructed	0.13	76%	0.17	Low	Highly	+6-12 inches
Wetland 2	PEM1B	Type 2	Fresh (Wet) Meadow	Natural	0.56	100%		Low	Highly	+6-12 inches
<b>Glensheen (Total Wetland Area<sup>6</sup>: 0.51 acres)</b>										
Tischer Creek Complex	R2UBH	Type 90		Natural	0.42	82%		NA	NA	NA
	PFO1A	Type 1	Floodplain Forest	Natural	0.09	18%	0.51	High	Moderately	+1-6 feet
<b>Research and Field Studies Center (Total Wetland Area<sup>6</sup>: 5.53 acres)</b>										
East Branch of Amity Creek Complex	PFO1A	Type 1	Floodplain Forest	Natural	1.59	34%		High	Moderately - NA	+1-6 feet
	PFO1/SS1B	Type 7/6	Hardwood/Shrub-Carr	Natural	2.07	44%		High	Exceptionally	Maintain as is
	R3UBH	Type 90		Natural	1.01	22%	4.67	NA	NA	NA
Wetland 1	PEM1B	Type 2	Sedge Meadow	Natural	0.84	100%		Medium	Exceptionally	Maintain as is
Wetland 2	PEM1Fx	Type 3	Shallow Marsh	Constructed	0.004	100%		Low	Moderately	+1-6 feet
Wetland 3	PUBFx	Type 4	Deep Marsh	Constructed	0.01	100%		Low	Moderately	+1-6 feet
Wetland 4	PUBFx	Type 4	Deep Marsh	Constructed	0.003	100%		Low	Moderately	+1-6 feet
Wetland 5	PEM1Fx	Type 3	Shallow Marsh	Constructed	0.003	100%		Low	Moderately	+1-6 feet
Wetland 6	PUBFx	Type 4	Deep Marsh	Constructed	0.003	100%		Low	Moderately	+1-6 feet

Table 1 Notes:

- <sup>1</sup> Origin is based on whether the wetland is natural, altered, or constructed. Altered represents areas that were originally natural wetlands, but were modified to change the wetland type/classification.
- <sup>2</sup> Complex area (acres) represents the total area, in acres, occupied by the wetland complex, as opposed to each individual wetland type greater than 10 percent of the wetland complex.
- <sup>3</sup> General wetland quality is based on the vegetative diversity/integrity rating system in the state-approved Minnesota Routine Assessment Method for Evaluating Wetland Functions (MNRAM), Version 3.0.
- <sup>4</sup> Susceptibility to stormwater impacts are based on MNRAM 3.0 and the companion wetland management classification system (see Table 4). NA (Not applicable) is applied to riverine wetlands, since this wetland type has not been defined for stormwater susceptibility. NA is also applied to wetlands that are not in danger of stormwater impacts due to their location on the landscape or away from potential sources of significant stormwater discharge.
- <sup>5</sup> Acceptable artificial inundation is based on maintaining the wetland type according to guidance provided in *Storm-Water and Wetlands: Planning and Evaluation Guidelines for Addressing Potential Impacts of Urban Storm-Water and Snow-Melt Runoff on Wetlands*, State of Minnesota Storm-Water Advisory Group, June, 1997. See Table 4.
- <sup>6</sup> Total area (acres) represents the total area, in acres, of wetland occupying that particular property. See Section 1.1 for a listing of the five properties. The Limnology property is not represented in this table, because no wetlands were found within its property boundary.

Other Notes: This information is provided for planning purposes only. Wetland boundaries developed for this inventory are approximate in nature. See Section 1.1 for a full disclaimer. The Limnology property is not represented in this table, because no wetlands were found within its property boundary.