

**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>: 15.69 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                                     |
| Wetland 3  | PSS1B                   | Type 6                     | Alder Thicket                  | Natural             | 0.19         | 100%                  |                                   | Medium                               | Highly  | +6-12 inches                                  |
| Wetland 4  | PFO1B                   | Type 7                     | Hardwood Swamp                 | Natural             | 0.06         | 100%                  |                                   | Medium                               | Exceptionally                                     | Maintain as is                                |
| <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.