WL - Northern Water Lily Aquatic Wetland

Photo credit: Michael Lew-Smith

The Northern Water Lily Aquatic Wetland Map Unit (WL) represents the Northern Water Lily Aquatic Wetland Association. This association is found typically in fairly sheltered bays of the large lakes, in interior lakes, and in beaver ponds. Water depth is 0.25 - 2 meters. The water regime is permanently flooded. In stands that occur in beaver impoundments, standing dead trees and patches of emergent vegetation are common. This association is dominated by floating aquatic plants and may have an extensive submergent aquatic plant layer. This association is also mapped as part of the Deep Marsh Mosaic/Complex (DMX) when it occurs in a mosaic pattern with other deep marsh herbaceous types, or when it cannot be confidently recognized on the aerial photographs from other deep marsh types. This association is also mapped as part of the BBX map unit when it occurs in inundated beaver complexes.

WL-1A appears as a pink signature on the surface of the darker water. The coverage is continuous and evenly dispersed. This photo was taken in September 1995.

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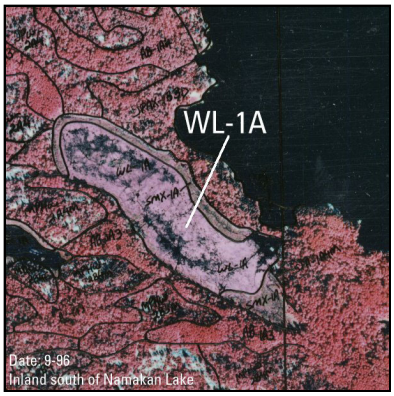
WL-1A appears as pale pink. The coverage is continuous and evenly dispersed. Small patches of darker water are visible throughout the polygon. The photo was taken in September 1996.



WL-1C appears nearly white. The water lily bed is denser on the left and lower sides of the polygon, and grades into water on the right side. The photo was taken in September 1996.

WL-1A appears as faint blue and pink splotches surrounded by water. Although difficult to see, the coverage is continuous and evenly dispersed. The photo was taken in October 1996, so the water lily has begun senescence.

Area Report for WL Map Unit
Polygons: 450
Hectares: 979
Acres: 2,418
Average size: 2 hectares, 5 acres

Accuracy Assessment Results for WL Map Unit
The Northern Water Lily Aquatic Wetland Map Unit was assessed at 46% producers' accuracy (confidence interval 31-61%) and 81% users' accuracy (confidence interval 64-97%). Errors in producers' accuracy were primarily associated with Map Unit PW. Users' accuracy is considered adequate as mapped.