# Functions & Values of Wetlands





### **Wetland Status and Trends**

**35% loss** of VT wetlands before 1980. Equivalent to the size of Grand Isle County.

Just 4% of VT is wetland

39% of remaining wetland in Vermont is in conserved land.



0.2% decline in vegetated freshwater wetlands between 2004-2009.

#### How are our Remaining Wetlands Doing?

Nationally, 48% are in good biological condition, 32% in poor condition.

Generally, there is a higher frequency of good condition wetlands in the Green Mountains and Northeast Kingdom.

Leading problems for remaining wetlands are surface hardening, vegetation removal, ditching, & non-native plants

Fostering our remaining wetlands and restoring those historically lost improves water quality and flooding issues.



Vermont Wetland Rules regulate activities in protected wetlands

**VT Wetland Classification System:** Class I: Exceptional function and value Class II: Significant function and value Class III: Not significant, no regulation

6 Review Staff 100+ Permits >800 Projects Reviewed

Permits are issued when an activity cannot be placed elsewhere and functions and values are not adversely effected.

The Wetlands Program also incentivizes voluntary restoration of wetlands to increase wetland functions such as water quality protection, flood control, and wildlife habitat. 3

## **Wetland Mapping**



Nearly 30% of State's National Wetland Inventory Maps Will Be Updated by 2023



### Wetland Rules Explain Limitations of Maps:

The Vermont Significant Wetland Inventory (VSWI) maps denote the approximate location and configuration of significant wetlands. The actual boundaries of wetlands shown on the VSWI maps shall be determined in the field in accordance with the methodology provided for in Section 3.2(a)