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### Wetlands in New Hampshire

Env-Wt 101.99 NH Code Administrative Rules

Areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and under normal conditions do support, a prevalence of vegetation typically adapted for life in saturated soil conditions





































### **Emergent marshes**

Are permanently flooded or dry only in very dry years

Areas with vegetation up to three feet deep

Deeper parts often lack emergent vegetation and appear as open water







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| Amphibians of vernal pools<br>All spend the majority of the year<br>in the uplands around the<br>breeding pool, under logs and leaf<br>litter<br>Upland habitats provide critical<br>feeding, over-wintering, and<br>dispersal habitat |                    |                    |
|--|--------------------|--------------------|
| uispersai na   | average            | juvenile           |
| Species  | migration distance | dispersal distance |
| spotted salamander   | 358 feet           | max >427 feet      |
| wood frogs   | 400 feet           | up to 8300 feet    |
| Can't have viable vernal pool communities if you don't maintain the uplands surrounding the pools  |                    |                    |







### **Property Stewardship**



Learn where the wetlands are on your property and keep track of what wildlife species use them.

Maintain tree, shrub and ground cover around wetlands for wildlife.





Minimize fertilizer and pesticide applications to lawns.

## **Property Stewardship**

- Developing **stewardship plan** that incorporate species concerns
- Trails- Avoid sensitive habitats such as vernal pools and nesting areas.
- · Avoid circling wetlands
- Leave some areas without trails.
- Prohibit motorized vehicles in sensitive areas.
- Non-motorized activities can have impacts







# **Erosion Control Netting**



Natural materials preferred over welded plastic

# Landscape-Level Considerations



Under-sized and perched culverts are a flooding risk & restrict wildlife movement

Use properly-sized culverts, open-bottom culverts/bridges best for wildlife Road-kill a significant form of mortality for some wetlands wildlife

Plan locations of any new road ways to avoid obvious road-crossings









