

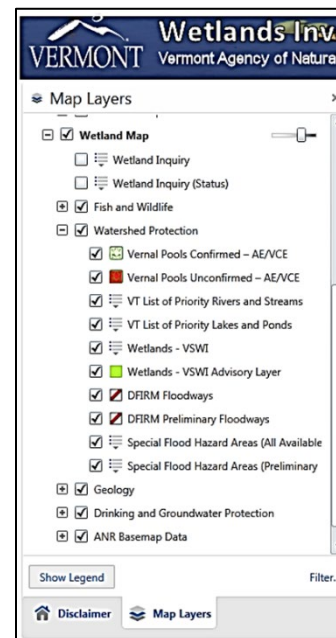
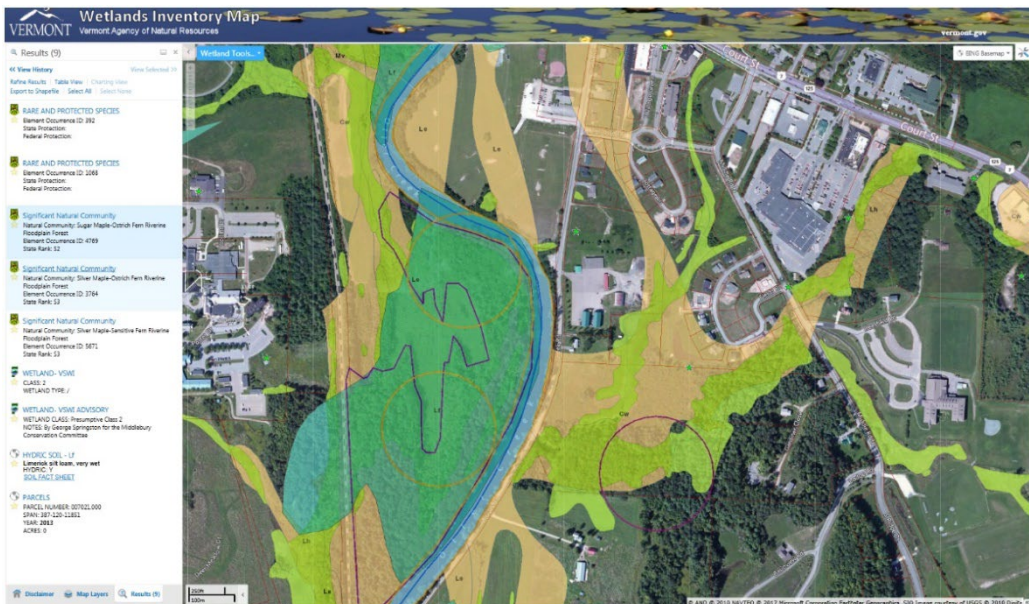


Vermont Wetlands Program Site Screening Guidance

TOOLS

1. Wetland Screening Tool: <https://anrmaps.vermont.gov/websites/wetlandScreening/>
Contact the District Ecologist if you get a hit, conduct a more thorough desktop review yourself, or put boots on the ground to do some field verification.
2. Wetland Inventory Atlas: <http://anrmaps.vermont.gov/websites/WetlandProjects/default.html>
remember Color Imagery by year and Base maps to access LiDAR with slider bar controls; use slider bars for the wetland map layer and turn on and off the F&W layer to “see” beneath RTE polygons.
3. The ANR ATLAS: turn on **ALL** the following layers
 - Wetlands NWI layer and Advisory layer
 - Hydric Soils and Surface Waters (streams, lakes)
 - Project Stars (there has been some type of review near or at the star location by the Wetlands Program)
 - Natural Communities and RTE (some natural communities or RTE species are wetland specific)

Opening Layers using the Atlases: Utilize different BASEMAPS: LiDAR, B&W, Color Infrared and Color Imagery By Year to see different aspects of the landscape like topography, reflection, changes in vegetation, hydrologic signatures. Use the slider function.



4. Google Earth: Use same address: simultaneous review:
 - Utilize history button: see land use change/different seasons
 - Tilting and rotating to see topography and drainages easier (remember to go to the view and select the reset tilt and compass to go back to birds-eye-view)
5. Google Maps-streetview
6. Bing Maps-street view
7. Historical and by the Year imagery: <https://www.historicaerials.com/viewer> Depends 1960-2020

- 8. Leaf Off Imagery 2022: <https://geodata.vermont.gov/pages/imagery>
- 9. Historical Imagery-use the "H" map 1962 B&W: <https://vcgi.vermont.gov/data-release/1962-aerial-imagery-now-available-statewide-non-georeferenced>

What are you looking for:

Hydrologic signatures

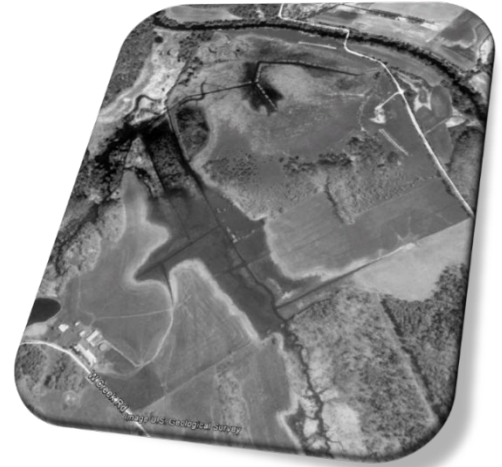
- Inundation
- Saturation
- Drainage patterns
- Geomorphic position: ie. Where on the landscape do you expect water to go

Hydric soils

- See the hydric soils layer on the Atlases

Vegetation

- Street view (Google Maps and BING maps also): Cattails



- Distinct changes from one type of vegetation to another
- Areas not mowed within mowed fields/lawns
- Sometimes the areas of very light tan (reed canary grass, cattails, phragmites)

