

Resource List for Vermont Solid Waste Rules

Prohibited Areas and Siting Standards for Solid Waste Facilities

Updated 10/25/06

- Part 6-502 Prohibited Areas (for siting solid waste management facilities)
- Part 6-309(d)(6) Categorical Disposal Certifications – Siting Limitations
- Part 6-1104 (b) Composting Categorical Certifications – Siting Limitations



Below is a list of prohibited areas and siting limitations for solid waste facilities and the relevant parts of the Solid Waste Rules (“Rules”). Please note that this list may not be complete and you should check that all prohibited areas and siting limitations listed in the rules are addressed in your application. Also check specific wording for each prohibited area in the Rules.

Prohibited Area	Solid Waste Facilities Part 6-502	Categorical Disposal Part 6-309(d)(6)	Composting Categorical Certifications Part 6-1104(b)
Green Mountain National Forest	X		
Floodways and 100 Year Floodplain	X	X	
Surface Water <i>Class A, Class B and Outstanding Water Resources</i>	X	X	X
Public Drinking Water Supply Source Protection Areas	X	X	X
Groundwater <i>Class I and Class II</i>	X	X	X
Wetlands <i>Class I, Class II and Class III</i>	X	X	X
National Wildlife Refuges	X		
Threatened or Endangered Species Habitat	X		
Wildlife Management Areas	X		
Siting Limitations			
Property Boundaries	X	X	X
Depth to Bedrock and Seasonal Water Table	X	X	X
Private Drinking Water Supply	X	X	
Residences, schools, day care facilities, hospitals, nursing homes	X		

Green Mountain National Forest

Contact the US Forest Service for more information:

Green Mountain National Forest
231 N. Main St.
Rutland, VT 05701
(802) 747-6700



Green Mountain National Forest maps are available on-line through the Forest Service at:
<http://www.fs.fed.us/r9/gmfl/maps/onlinemaps.htm>

For GIS applications, National Forest boundary maps are available to download from Vermont Center for Geographic Information (VCGI) at <http://www.vcgi.org/>

Floodways and 100 year floodplain

Maps of the 100 year floodplains are available at the DEC – Water Quality Division River Management Section and in your town office. To contact the Water Quality Division call (802) 241-3777.

In addition, National Flood Insurance Program (NFIP) maps are available through the Federal Emergency Management Agency (FEMA) at (800) 358-9616 or <http://store.msc.fema.gov>

If you use the FEMA website, you can search by entering the address of the area of interest for your project.

Free maps are available on-line for Rutland, Windham, Windsor and Washington counties at:
<http://www.esri.com/hazards/makemap.html>

For GIS applications, maps are available for Rutland, Windham, Windsor and Washington counties from VCGI at <http://www.vcgi.org>

Classification of Surface Water

Class A, Class B and Outstanding Resource Waters as designated by the Vermont Water Resources Board are listed at the end of the Vermont Water Quality Standards available on-line at <http://www.nrb.state.vt.us/wrp/publications/wqs.pdf>

For additional information and maps contact the DEC – Water Quality Division Planning Section at (802) 241-3770.

Public Drinking Water Supply Source Protection Areas

Contact the Source Protection Program in the DEC - Water Supply Division (802) 241-3400 or fax a map of the project location with your contact information to (802) 241 - 3284. Source protection area maps are not available on-line.

Class I and Class II Groundwater Designation

Currently, there is no Class I or Class II Groundwater Designations in the state. For more information contact the Water Resources section of the Water Supply Division at (802) 241-3400. Groundwater classification maps are not available on-line.

Wetlands



Wetland maps are available at the DEC – Water Quality Division from your regional wetlands ecologist at (802) 241-3770. You can also view copies of wetland maps at your town office or for GIS applications, they can be downloaded from VCGI at <http://www.vcgi.org>

Click on the “VGIS Data Warehouse” tab and search for wetlands under the in the “keyword” search block. There are two wetlands layers to choose from the National Wetlands Inventory (NWI) and the Vermont Significant Wetlands Inventory (VSWI). You should use the NWI layer because it is more comprehensive and up-to-date then the VSWI.

More Information on Wetlands

The Vermont Wetland Rules were adopted in 1990 by the Water Resources Board. The Wetland Rules classify wetlands into three categories.

Class One wetlands are those wetlands the Board determines are exceptional or irreplaceable and merit the highest level of protection. Class One wetlands must be specifically designated by the Board. A 100-foot buffer zone is designated adjacent to Class One wetlands.

Class Two wetlands are presumed to serve one or more wetland functions at a significant level. The Wetland Rules designate most wetlands on the National Wetland Inventory (NWI) maps and those wetlands contiguous to mapped wetlands as Class Two wetlands. A contiguous wetland is a wetland which shares a boundary with or touches a mapped wetland. A 50-foot buffer zone is designated adjacent to all Class Two wetlands.

Class Three wetlands are those wetlands that have not been mapped on the NWI maps or have been found by the Board to be not significant for providing any wetland functions when last evaluated. Class Three wetlands are not protected under the Wetland Rules. Petitions can be presented to the Board to upgrade a Class Three wetland based on an evaluation of its functions. Class Three wetlands are, however, protected by other federal, state, and local regulations.

Map of Regional Wetlands District Ecologists -
http://www.anr.state.vt.us/dec/waterq/wetlands/htm/wl_districts.htm

National Wildlife Refuge

For more information contact the US Fish and Wildlife Service Regional Office in Hadley, MA at (413) 253-8200 or contact one of the Vermont field offices – information available on-line at <http://northeast.fws.gov/vt.htm>

Maps showing refuge locations available on-line at:

http://www.fws.gov/refuges/pdfs/refugeMap0930_2005.pdf

Wildlife Management Area (WMA)

Contact the Agency of Natural Resources Department of Fish and Wildlife at (802) 241-3700.

Maps available on-line at:

http://www.vtfishandwildlife.com/wma_maps.cfm



Threatened or Endangered Species Habitat

Contact the Vermont Non game and Natural Heritage Program, Vermont Department of Fish and Wildlife, 103 South Main Street 10 South, Waterbury, VT 05671-0501, (802)241-3700, to determine if threatened or endangered Plant or animal species are known from the project area or if further field inventory may be required. Please provide the following information to aide in review of the project: the purpose for the review (e.g. solid waste facility certification), a site locator map with the project boundaries and landmarks clearly identified (USGS topographic maps preferred), and a brief description of the project.

Property Lines

Parcel maps and information regarding property boundaries can be obtained from your town office.

Depth to Bedrock and Seasonal Water Table

Information about depth to bedrock can be obtained through drilling, surface observations of bedrock outcrops or gathering information from surrounding properties. Well reports or well logs from drilled drinking water wells in the area can be useful in determining depth to bedrock. If a drilled well was drilled or modified after 1986, check the well casing for a small metal well tag with a well report number in it. If the well does not have a tag but you believe it was drilled after 1966 you may still be able to find the well report. In 1966, the state required all well completion reports to be sent to the state. The Water Supply Division maintains a database with over 80,000 well completion reports. Call the DEC Water Supply Division at (800) 823-6500 and they can search for well reports using the well report number, well tag number or the owner's last name when the well was drilled. Another solution is to call the local well drilling company because they may have a copy of the well report.

You can also search for well reports by location through the ANR Internet Mapping Site at:

<http://maps.anr.state.vt.us/website/welldriller/viewer.htm>

Information about the seasonal high water table may be obtained through information gathered from surrounding properties, construction projects, etc. However, in some cases, you will be required to get this information through test pitting or installing overburden monitoring wells.

Private Drinking Water Supplies

The best way to locate private drinking water supplies is to ask the surrounding property owners where their drinking water supply is located. In most cases, individual residences are served by drilled wells where the casing terminates above ground. If the residence is served by a spring or shallow dug well, you may look for a spring box or wide diameter (usually 3 feet) concrete casing. Keep in mind that there are some bedrock wells and springs that are buried completely underground.

Useful Links.....

Vermont Department of Environmental Conservation (DEC)

<http://www.anr.state.vt.us/dec/>

Vermont DEC – Waste Management Division

<http://www.anr.state.vt.us/dec/wmd.htm>

Vermont DEC – Water Quality Division

<http://www.anr.state.vt.us/dec/waterq/wqdhome.htm>.

Vermont DEC – Water Supply Division

<http://www.vermontdrinkingwater.org/>

Federal Emergency Management Agency (FEMA)

www.fema.gov

Vermont Department of Fish and Wildlife

<http://www.vtfishandwildlife.com/>

US Fish and Wildlife Service

<http://www.fws.gov/>

Solid Waste Management Program
Vermont Department of Environmental Conservation
103 South Main Street
Waterbury, VT 05671-0404
(802) 241 – 3883



<http://www.anr.state.vt.us/dec/wastediv/solid/home.htm>