



## **Siting Guidance & Best Management Practices for Road Salt Storage Facilities**

Revised 2024

The purpose of this document is to provide guidance for siting road salt storage facilities and to provide best management practices to minimize adverse environmental impacts to protect surface and ground waters of the state.

### **SITING FOR ROAD SALT STORAGE AREAS**

A new salt storage facility **should not** be located in any of the following areas:

- Within a 100-year flood plain;
- Within 250 feet of a private or public well utilized for potable water; and
- Within a Level A Aquifer Protection Area.

The Department of Energy and Environmental Protection does not recommend siting a salt storage facility

- Adjacent to surface water bodies which are tributary to public water supply reservoirs, or
- Where the ground water has been classified as GAA or GA.

### **STORAGE AND HANDLING BEST MANAGEMENT PRACTICES**

- Store salt and salt/sand mixtures on an impervious surface under a roof.
- Within an Aquifer Protection Area, storage of salt and salt/sand mixtures must meet all Best Management Practices required by the Aquifer Protection Area Regulations.
- Within areas with groundwater classification GAA or GA, salt and salt/sand mixtures must be stored on an impervious liner to prevent infiltration to groundwater.
- For guidance on mixing salt and sand consult the “[Snow and Ice Policy Manual](#)”, Connecticut Department of Transportation, as amended.
- Year-round storage must be planned for to provide proper off-season storage of salt and salt/sand mixtures left over from the winter.

### **MANAGEMENT AND DISCHARGE OF STORMWATER**

- Obtain necessary permits for the discharge of stormwater from the facility to ground or surface water.
- Wherever possible, divert uncontaminated runoff around the facility using berms, swales, or drains.
- Discharge stormwater run-off from the facility to surface waters rather than to ground water where there may be potable water wells to avoid contamination.

For more information on general permits for stormwater discharges email [DEEP.StormwaterStaff@ct.gov](mailto:DEEP.StormwaterStaff@ct.gov).

More information about the environmental and health impacts of road salt storage and use can be found at:

[Road Salt FAQs \(ct.gov\)](#)