Stormwater and Waste Site Cleanup
An Introduction to the Issues

What’s been driving Stormwater Regulation and Design?
Flood Protection Safety
Why have Stormwater Requirements Expanded?

Protection and Restoration of Surface Waters

Stormwater Volume, Phosphorus and Nitrogen

Surface Water Impairments
Climate Resiliency

“Greenfield” Development
Downtown Revitalization and Redevelopment

Opportunities to Improve Stormwater Treatment and Control

Redevelopment and Expansion at Existing Sites
Vermont Stormwater Regulatory Requirements

- Creation of 1 acre or more of impervious surface, or expansions when total resulting is 1 acre.
- The redevelopment of 1 acre or more of impervious surface.
- Existing sites with 3 acres or more of impervious located in the Lake Champlain or Lake Memphremagog watersheds (no later than 2023).
- The creation of or redevelopment of ½ acre or more of impervious surfaces (2022)
- 2017 Vermont Stormwater Management Manual, requires runoff reduction and prioritizes BMPs that infiltrate, where feasible.
- Infiltration prohibited from hotspot land use or activities, may include waste sites.

Stormwater vs Contaminated Sites.

What do I need to know and where do I find it?

Vermont Rules and Resources

- Stormwater Permitting Rule –March 2019
  Stormwater Permitting Rule

- Stormwater Management Manual Rule -2017
  Vermont Stormwater Management Manual Rule

- Groundwater Regulations – 1990’s – GWPRS 7/6/19
  https://dec.vermont.gov/water/groundwater

- Contaminated Site Guidance – 1988 – IRULE 7/6/19
  https://dec.vermont.gov/water/groundwater

- ANR Atlas
  https://anrmaps.vermont.gov/websites/anrags/
Stormwater considerations on/near contaminated sites in Vermont

Kevin Burke, Environmental Analyst
VT DEC - Stormwater Program
1 National Life Drive, Main 2
Montpelier, VT 05620-3522
802-490-6168 / kevin.burke@vermont.gov
dec.vermont.gov/watershed
Trish Coppolino, *Environmental Program Manager*

[phone] 802-249-5822  
[email] patricia.coppolino@vermont.gov

Department of Environmental Conservation  
Waste Management & Prevention Division  
Sites Management Section  
One National Life Drive, Davis 1  
Montpelier, VT 05620-3704  
https://dec.vermont.gov/waste-management/contaminated-sites