

Vermont Dam Safety Program



Waterbury Dam

Senate Committee on Natural Resources and Energy

H.319

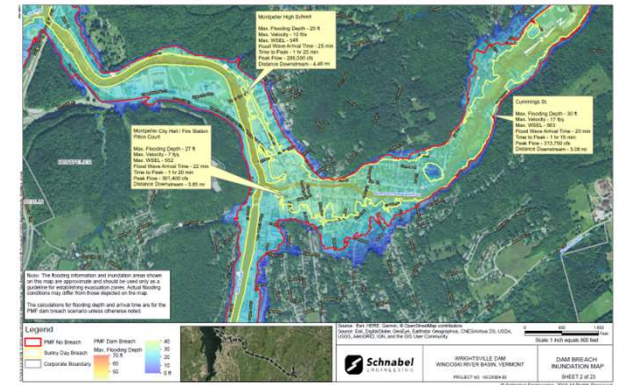
March 26, 2025

Ben Green, PE
Dam Safety Engineer
VTDEC Dam Safety Program

Emergency Operations Planning for Dams Study Committee

• Members:

- | | |
|-------------------|---|
| ➤ Benjamin Green | Vermont DEC Dam Safety Program (Chair) |
| ➤ Michaela Foody | Vermont Emergency Management (Vice Chair) |
| ➤ Chris Campany | Windham Regional Commission |
| ➤ Christian Meyer | Central Vermont Regional Planning Commission |
| ➤ John Tedesco | Green Mountain Power |
| ➤ Scott Johnstone | Morrisville Water & Light |
| ➤ Jan Sotirakis | Town of Chittenden, Emergency Management Director (EMD) |
| ➤ William Lovett | City of Rutland, Fire Chief & EMD |



• Charge:

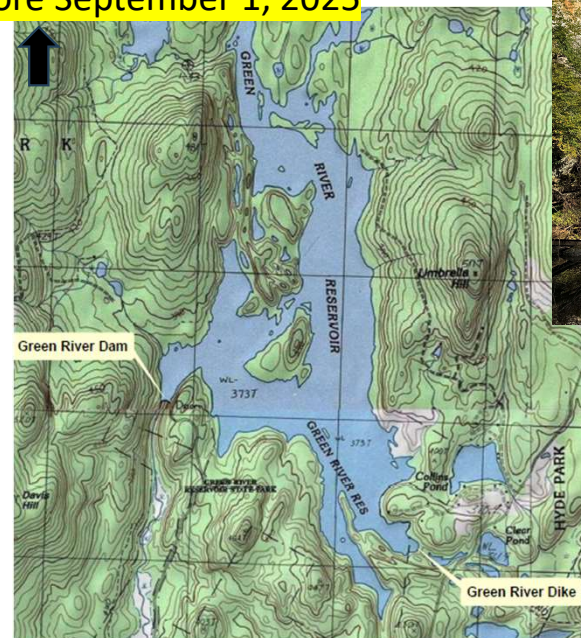
- Identify HIGH Hazard Potential Dams in Vermont and how many in each Regional Planning Commission (RPC) region
- Identify current dam emergency planning and implementation responsibilities
- Recommend content of regional dam emergency plans, identify who prepares them, and costs of implementation.

• Status:

- 5 of 8 meetings completed
- Current Emergency Action Planning (EAP), Emergency Operations Planning (EOP), and Local Emergency Management planning processes for dam emergencies reviewed
- Study of effective examples in Vermont for supporting public safety
- Development of Recommendations
 - Minimum standards for EAPs and EOPs under development
 - Draft Report outline generated
 - Next meeting scheduled for 4/7
- **On target to complete and submit report on or before December 15, 2025**

Green River Reservoir Dam and Dike Study

- Goal: For ANR to explore short-& long-term benefits and costs of State ownership.
- Budget: \$599,281 (State + MWL) – GEI Consultants
- Schedule: **On target to complete/submit report on or before September 1, 2025**
- Scope:
 - Existing Information Review (CEII)
 - Drone and Bathometric Survey
 - Dam and Hydropower inspection
 - Concrete and rock sampling/testing
 - Structural Analyses – due 3/28
 - Hydrologic/Hydraulic Analyses – due 3/28
 - Dam Valuation – Ongoing, MWL meeting 4/4
 - Risk Assessment – Ongoing, Workshop 4/9 and 4/10
 - Capital and Maintenance Cost Estimating - Ongoing
 - Alternatives Analyses – Ongoing, Workshop 4/29
 - ANR or MWL decommission power and lowers or removes dam.
 - ANR acquires facility and maintains it for power and recreation.
 - ANR acquires dam/dike and MWL maintains ownership of power works.
 - ANR acquires dam/dike, decoms power, rehabs dam at current or lower level
 - Final Report (CEII and non-CEII versions)



Thank you! Questions?

Ben Green, PE
Dam Safety Engineer
VTDEC Dam Safety Program
802-622-4093
Benjamin.Green@vermont.gov



Wrightsville Reservoir