

Vermont Department of Environmental Conservation

Water Investment Division – Dam Safety Program

Benjamin Green, PE – Section Chief

1 National Life Drive, Davis 3, Montpelier, VT 05620

 Phone: 802-622-4093, Email: Benjamin.green@vermont.gov
Agency of Natural Resources

**Portfolio Dam Risk Assessment for
Select State of Vermont - ANR-owned HIGH and SIGNIFICANT Hazard Potential Dams**

The objective of the risk assessment project is to better understand the vulnerabilities and consequences of these dams while also comparing their relative risk such that a defensible risk priority list can be developed. The risk priority list will be used for allocating current and future assessment and rehabilitation funds to most effectively reduce or “buy down” the ANR’s dam risk profile. The following eighteen (18) dams are included:

| Dam Name | Owner | Location (Town) | Hazard Class | Height (ft) | Length (ft) | Storage (acre-ft) | Type | Purpose |
|-----------------------------|-------|-----------------|--------------|-------------|-------------|-------------------|----------------|--------------------------------|
| East Barre Dam | DEC | Barre Town | HIGH | 65 | 1,630 | 23,550 | Earth Emb. | Flood Control |
| Wrightsville Dam | DEC | Middlesex | HIGH | 115 | 1,525 | 36,000 | Earth Emb. | Flood Control/Recreation/Hydro |
| Sweet Pond Dam | FPR | Guilford | HIGH | 20 | 80 | 216 | Conc/Stone | Recreation |
| Lake Sadawga Dam | DFW | Whitingham | HIGH | 19 | 455 | 1,939 | Earth Emb | Recreation |
| Lake Sadawga West Dike | DFW | Whitingham | HIGH | 10 | 280 | 1,500 | Earth Emb | Recreation |
| Lowell Lake Dam | FPR | Londonderry | HIGH | 16 | 225 | 1,475 | Earth Emb | Recreation |
| Crystal Lake Dam | DEC | Barton | SIGN | 17 | 65 | 6,740 | Conc/Stone | Recreation |
| Glen Lake Dam | FPR | Castleton | SIGN | 14 | 270 | 1,735 | Conc/Gravity | Recreation |
| Knapp Brook Site No. 1 Dam | DFW | Cavendish | SIGN | 23 | 400 | 292 | Earth Emb | Recreation |
| Knapp Brook Site No. 2 Dam | DFW | Cavendish | SIGN | 27 | 540 | 623 | Earth Emb | Recreation |
| Miles Pond Dam | DEC | Concord | SIGN | 23 | 250 | 2,200 | Conc/Earth Emb | Recreation |
| Weatherhead Hollow Pond Dam | DFW | Guilford | SIGN | 17 | 340 | 320 | Earth Emb | Recreation |
| Lake Hortonia Dam | DFW | Hubbardton | SIGN | 16 | 150 | 4,500 | Conc/Gravity | Recreation |
| Gale Meadows Dam | DFW | Londonderry | SIGN | 30 | 300 | 2,942 | Earth Emb | Recreation |
| McIntosh Pond Dam | DFW | Royalton | SIGN | 25 | 485 | 300 | Earth Emb | Recreation |
| Colton Pond Dam | DFW | Killington | SIGN | 19 | 140 | 330 | Earth Emb | Recreation |
| Kent Pond | DFW | Killington | SIGN | 30 | 1,450 | 1,160 | Earth Emb | Recreation |
| Adams Reservoir | FPR | Woodford | SIGN | 21 | 200 | 453 | Earth Emb | Recreation |