Stream Alteration Permitting

Preparation and response to ice jams and spring flooding

Missisquoi River, Swanton 01/2018

Gihon River, Johnson 02/01/2018

Ice scour, Winooski River, Moretown 01/15/2018

Managing Ice Jams

- Plan for ice jams where they frequently occur
- Know what equipment is available
  - Stage or have on call
- May have limited ability regardless of equipment

Banks of Winooski River, Montpelier, 01/29/2018

Emergency Protective Measure Responses

FOUR Allowable activities:

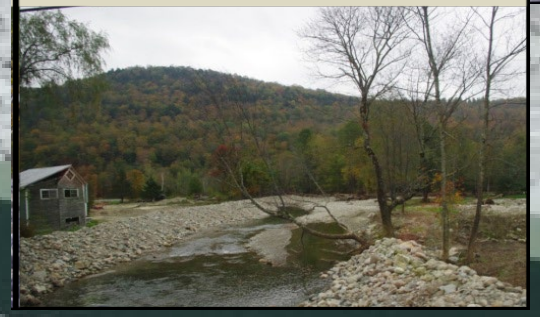
- *Removal of Flood-Related Deposits*
- *Streambed and Streambank Fills*
- *Temporary Stabilization / Restoration of Infrastructure*
- *Construction of Temporary Berms*

Removal of Flood Deposits

Stream Fills

Infrastructure Stabilization

Temporary Berms



Contact Rivers webform

Online form to request a River Management Engineer site visit

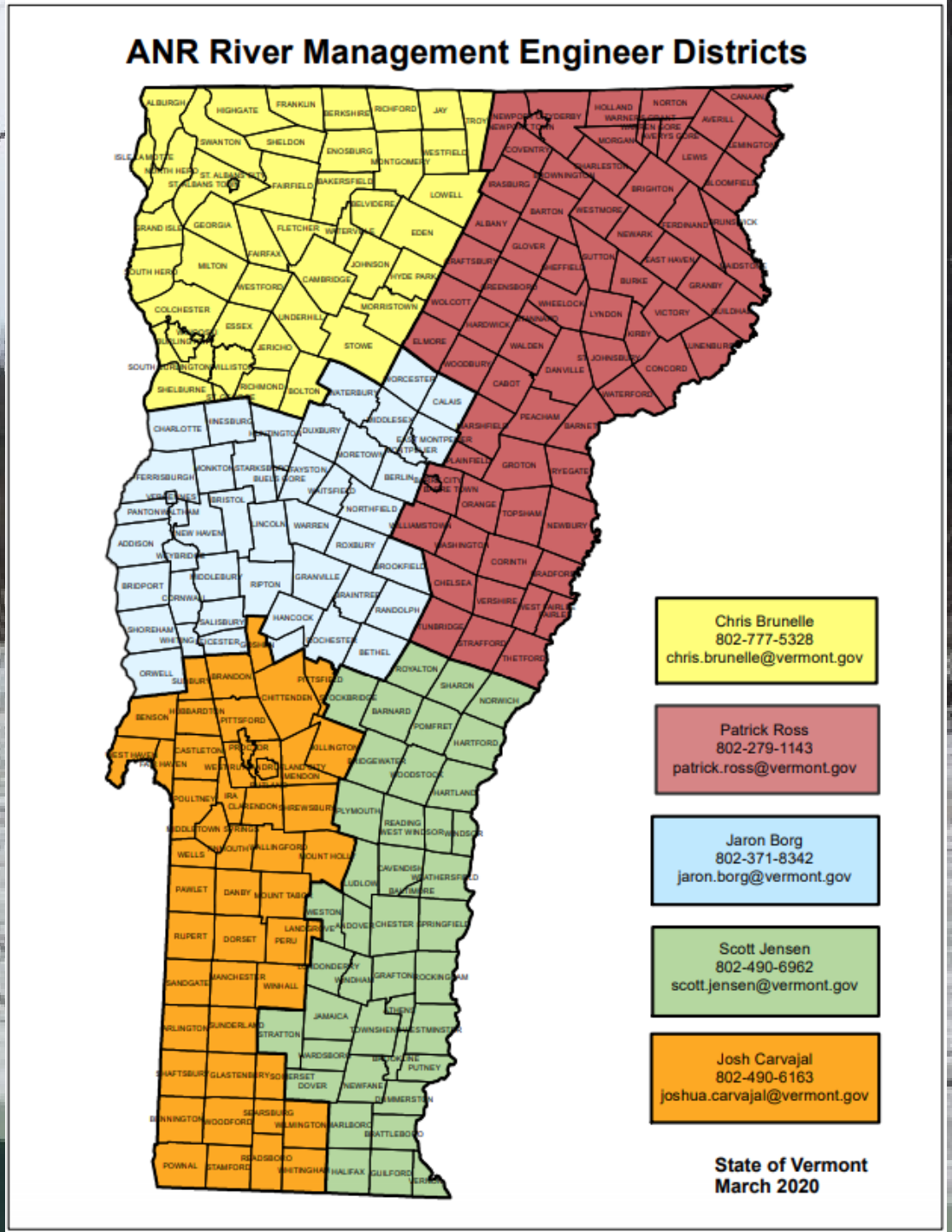
Emergency Protective Measures

Report an Emergency Stream Alteration

Public Notice Page

List of active Emergency Protective Measures

5 Regional River Management Engineers

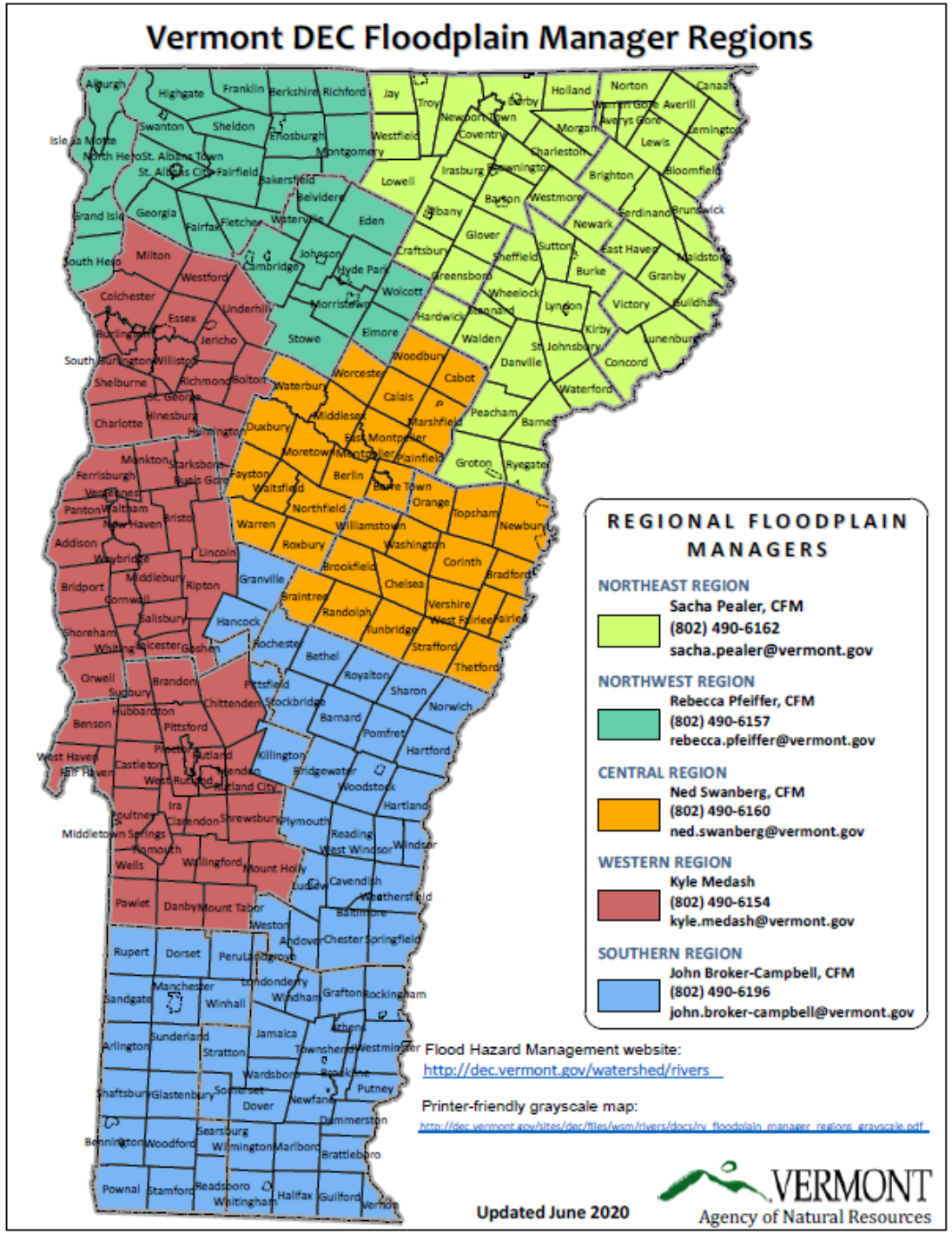


Hazard Area Jurisdiction

- Municipal Permits (National Flood Insurance Program)
- State Floodplain Rule
- Act 250 and Section 248

Local Regulation

National Flood Insurance Program (NFIP) participating communities must:

- Adopt and enforce a flood hazard bylaw containing federal minimum standards
- Key standards include:
  - Prohibit encroachment within the regulatory floodway without supporting engineering analysis
  - Permit all 'development' or man-made change to the landscape
- Additional information can be found at www.floodready.vermont.gov

5 Regional Floodplain Managers