

**Site name:** U-32 High School

**Approximate address:** 930 Gallison Hill Rd, East Montpelier, VT

**Proposed BMP type:** Filter Berm, Sand Filter, Cistern / Rain Barrel, Gravel Wetland, Check Dams

**Proposed BMP description:**

Improve swale by track with sand filter; improve swale to west of school similarly; alternatively, install gravel wetland or sand filters to mitigate drainage by track; add check dams in lower extent of swale by garden planters; install a cistern for the adjacent roof drain for water reuse in the greenhouse and gardens by lower outfall on western side of property.

**Site Description**

High school and associated parking lot and driveways

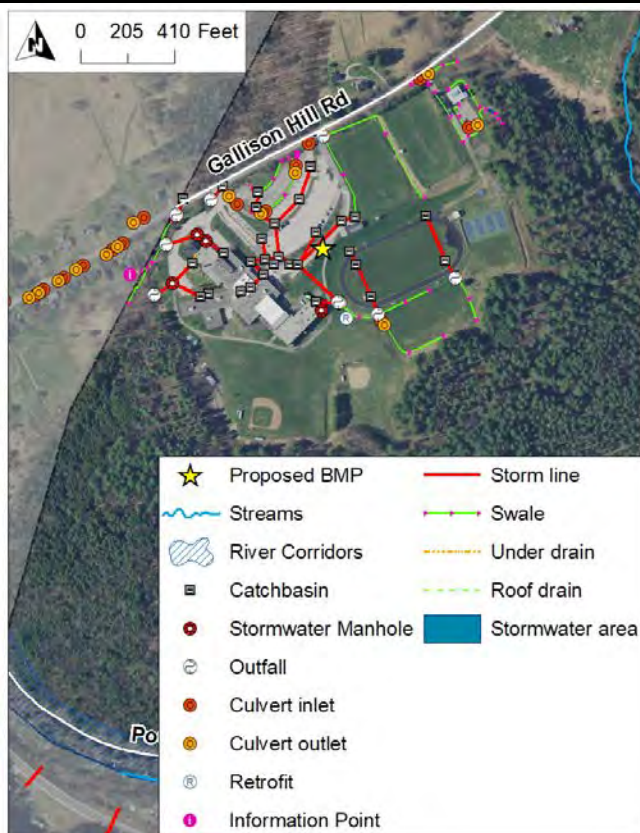
**Feasibility concerns:**

Poor Soils

**Proposed BMP details**

Current site type	Educational
Drainage area (acres)	Large
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	6010-9015, 6010-9015.1, 6010-9015.2 - grass treatment swale
Auxiliary Benefits	Educational, Runoff from Heavily Used Impervious
Retrofit Priority	High
Relative project cost	Medium
Project score	65.79%
Project rank	1

**Site map**



**Site photo**



**Site name:** Town Garage and Fire Station

**Approximate address:** 325 Templeton Rd, East Montpelier, VT

**Proposed BMP type:** Cistern / Rain Barrel, Ditch / Swale Improvements, Gravel Wetland or Sand Filter, Salt Management

**Proposed BMP description:**

Improve salt management to reduce transport outside of shed area; gutter roof and direct to a cistern for water reuse; regrade parking area and driveways and resurface (e.g. Staymat) to reduce sediment transport; line swales with stone; direct swales to a gravel wetland or sand filter located southeast of the site (outside of mapped wetland); improve sand pile management with a covered structure or retaining wall (this is proposed by town already).

**Site Description**

Town Garage with the Fire Station.

**Feasibility concerns:**

Wetlands, Poor Soils, Steep

**Proposed BMP details**

Current site type	Industrial
Drainage area (acres)	Medium
Impervious area (acres)	Very High (75-100%)
BMP pollutant reduction	High
BMP design required	Complex
Hydrologic soil group	C/D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	Runoff from Heavily Used Impervious
Retrofit Priority	Very High
Relative project cost	High
Project score	63.16%
Project rank	2

**Site map**



**Site photo**





**Site name:** East Montpelier Elementary School

**Approximate address:** 665 Vincent Flats Rd, East Montpelier, VT

**Proposed BMP type:** Cistern / Rain Barrel, Ditch / Swale Improvements, Infiltration Basin

**Proposed BMP description:**

Stone line the swale behind school to stabilize bank erosion; stabilize eroded channel next to walkway from upper parking lot; gutter roof of building in upper parking lot and direct downspouts to rain barrels (School's garden adjacent); amend existing swales in front of School to provide for more infiltration and redirect stormline flowing south from School to catchbasin by rec fields along the road for infiltration; revegetate area between grass and paved turn around in front of School (potential for curbing to prevent parking in this area). Note that a project is proposed for the adjacent rec fields.

**Site Description**

School site has a grass swale draining to a level spreader; stormline outlets to a wetland beyond the Town rec fields

**Feasibility concerns:**

Utilities

**Proposed BMP details**

Current site type	Educational
Drainage area (acres)	Large
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	B
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	6981-9015: Grass treatment swale
Auxiliary Benefits	Educational, Reduce Ponding / Puddling, Runoff from Heavily Used Impervious
Retrofit Priority	High
Relative project cost	Medium
Project score	57.89%
Project rank	3

**Site map**



**Site photo**



**Site name:** Kelton Rd Field

**Approximate address:** 774–1034 Kelton Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Gravel Wetland, Step Pools

**Proposed BMP description:**

Add basin to manage water draining from the farm field at the corner of the field near the road. If landowner is not participatory, a series of steps pools could be installed in the ditch area. Ditches should be formalized on the west side of the road with check dams and turnouts. Significant erosion noted.

**Site Description**

Farm field along Kelton Rd; drains south to stream.

**Feasibility concerns:**

Ownership of Site, Space, Steep, Mature Trees, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW, Other
Drainage area (acres)	Large
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	High
BMP design required	Medium
Hydrologic soil group	D
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Very High
Relative project cost	Medium
Project score	55.26%
Project rank	4

**Site map**



**Site photo**





**Site name:** Mekkelsen RVs

**Approximate address:** 2419 US Route 2, East Montpelier, VT

**Proposed BMP type:** Sand Filter, Cistern / Rain Barrel, Hydrodynamic Separator

**Proposed BMP description:**

Potential for a sand filter along road to the southwest of main site; add filter swale around perimeter of parking lot south of Route 2; direct roof drainage to cistern for water re-use for RV washing; potential to add hydrodynamic separator to prior to outfall southeast of main site; prevent soap from washing from entering catchbasins.

**Site Description**

Mekkelsen RV Sales & Rentals

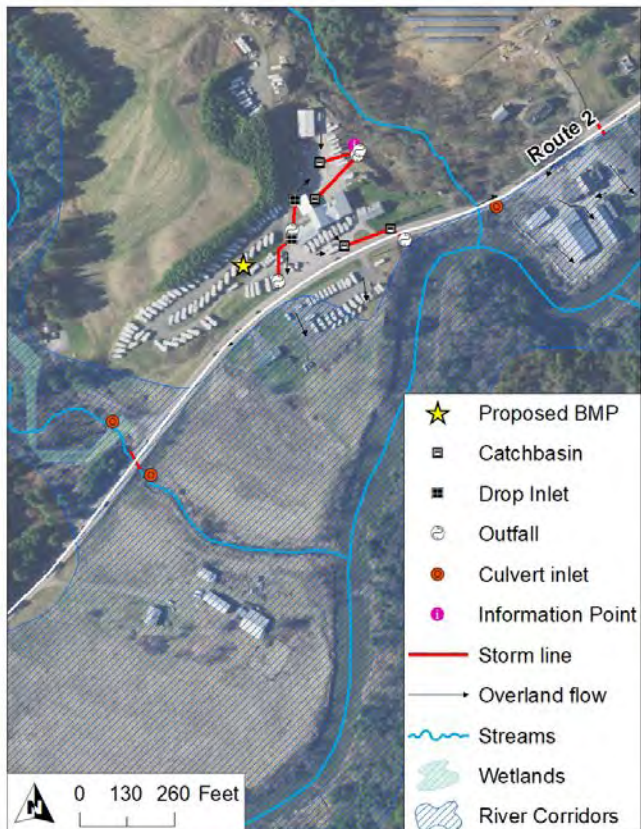
**Feasibility concerns:**

Space, Poor Soils, Ownership of Site

**Proposed BMP details**

Current site type	Commercial
Drainage area (acres)	Medium
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	High
BMP design required	Medium
Hydrologic soil group	C/D
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	Runoff from Heavily Used Impervious
Retrofit Priority	High
Relative project cost	Medium
Project score	54.76%
Project rank	5

**Site map**



**Site photo**



**Site name:** Washington Electric Cooperative

**Approximate address:** 344 Fassett Rd, East Montpelier, VT

**Proposed BMP type:** Infiltration Basin

**Proposed BMP description:**

The western side of this site is managed via ponds. Potential for infiltration basins at outfall and at culvert inlet prior to crossing under road (currently area is a "ponding area"); there is also potential to reroute all drainage to basin in front of building prior to culvert inlet

**Site Description**

Part of Packard Rd industrial park.

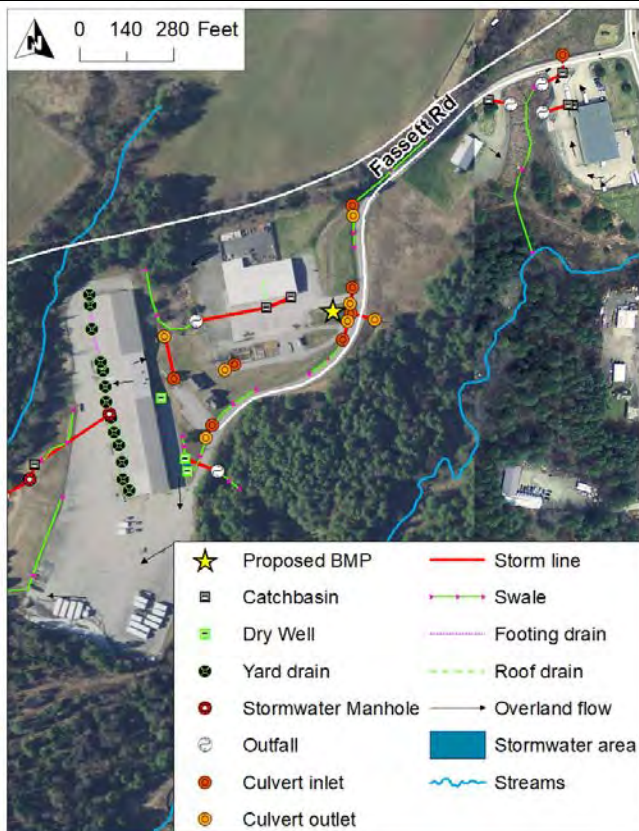
**Feasibility concerns:**

Ownership of Site

**Proposed BMP details**

Current site type	Industrial
Drainage area (acres)	Medium
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	A
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	3179-9003.R; 3179-9010.R - swales, detention pond
Auxiliary Benefits	Runoff from Heavily Used Impervious
Retrofit Priority	Medium
Relative project cost	Medium
Project score	52.63%
Project rank	6 (tie)

**Site map**



**Site photo**





**Site name:** Town Hill Rd Materials

**Approximate address:** 2368 Towne Hill Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Cistern / Rain Barrel, Sand Filter

**Proposed BMP description:**

Implement a stream buffer along this whole area; gutter roof and direct to cisterns for water reuse if useful for operations; direct stormwater that runs along the road to a sand filter near the south end of site before stream.

**Site Description**

Materials storage site.

**Feasibility concerns:**

Poor Soils, Ownership of Site, Wetlands

**Proposed BMP details**

Current site type	Industrial
Drainage area (acres)	Large
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	52.63%
Project rank	6 (tie)

**Site map**



**Site photo**



**Site name:** Pine Ridge Rd

**Approximate address:** 110 Pine Ridge Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Filter Strip / Buffer Enhancement, Infiltration Trench

**Proposed BMP description:**

Construct infiltration trench in existing swales; remove grader berms; add ditching or infiltration swale where possible; driveway culvert should be repaired (see photos); plant stream buffer along residential property east of stream crossing.

**Site Description**

Road and surrounding development

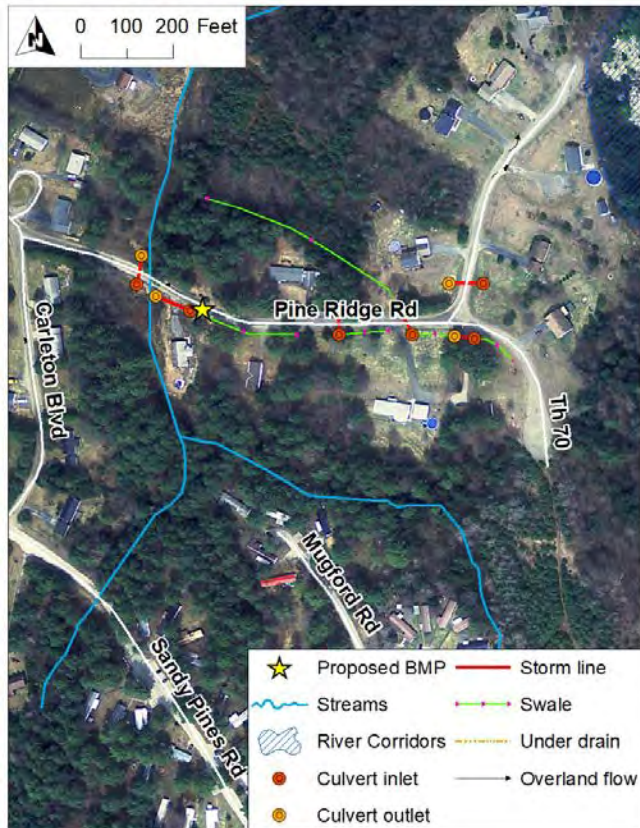
**Feasibility concerns:**

Space, Mature Trees, Steep, Ownership of Site

**Proposed BMP details**

Current site type	Road/ROW
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	A
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	52.38%
Project rank	8 (tie)

**Site map**



**Site photo**





**Site name:** Crossroads Church & Pine State Trading

**Approximate address:** 230 Fassett Rd, East Montpelier, VT

**Proposed BMP type:** Infiltration Basin

**Proposed BMP description:**

Formalize basin feature in ditch to allow for infiltration.

**Site Description**

Church on west side of swale and Pine State Trading on the east side of swale.

**Feasibility concerns:**

Ownership of Site

**Proposed BMP details**

Current site type	Industrial
Drainage area (acres)	Medium
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	A
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	Runoff from Heavily Used Impervious
Retrofit Priority	High
Relative project cost	Medium
Project score	52.38%
Project rank	8 (tie)

**Site map**



**Site photo**



**Site name:** Green Rd

**Approximate address:** 1–299 Green Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Turnouts, Filter Strip / Buffer Enhancement, Sediment Trap

**Proposed BMP description:**

Road needs to be re-graded to better direct water off of road. Ditches need to be formalized. Stabilize existing ditches. Add check dams and turnouts where feasible. Eliminate grader berms. Logging activity was noted by stream. Add sediment trap before stream. Ditch is currently draining directly to stream. Erosion noted. Stream area is eroding. Stabilize. Add buffer.

**Site Description**

Area is very steep and there is an undersized culvert.

**Feasibility concerns:**

Space, Steep, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	52.38%
Project rank	8 (tie)

**Site map**



**Site photo**





**Site name:** Sanders Cir

**Approximate address:** 842–1198 Sanders Cir, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Ditch / Swale Improvements, Check Dams, Turnouts

**Proposed BMP description:**

Intersection is overly wide. Large triangle area could be revegetated and a practice to detain road drainage implemented. Ditches should be stabilized and check dams and turnouts added where feasible.

**Site Description**

Road intersection with noted issues.

**Feasibility concerns:**

Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Medium
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	52.38%
Project rank	8 (tie)

**Site map**



**Site photo**



**Site name:** Brazier Rd

**Approximate address:** 801–1099 Brazier Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Turnouts

**Proposed BMP description:**

Areas of road are not formally ditched. Potential to add check dams and turnouts. Water is currently running down the road surface. Stabilize existing ditching.

**Site Description**

Road with erosion issues. Adjacent to Pratt conservation area.

**Feasibility concerns:**

Space, Steep, Mature Trees, Poor Soils

**Proposed BMP details**

Current site type	Road/ROW
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Minimal
Hydrologic soil group	C/D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	52.38%
Project rank	8 (tie)

**Site map**



**Site photo**





**Site name:** Morse Farm Maple Sugarworks

**Approximate address:** County Rd (south of Barnes Rd), East Montpelier, VT

**Proposed BMP type:** Stormwater Planters, Sand Filter, Filter Strip / Buffer Enhancement

**Proposed BMP description:**

Improve stream buffer that runs through field south of main site. Area is likely a water source for animals. Direct roof runoff to stormwater planters. Potential to install sand filter along County Rd.

**Site Description**

More Farm Maple Sugarworks.

**Feasibility concerns:**

Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Commercial
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	C/D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Low
Project score	50.00%
Project rank	13 (tie)

**Site map**



**Site photo**



**Site name:** Sodom Pond Brook and Route 14

**Approximate address:** 628 VT Route 14 N, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Infiltration Basin, Cistern / Rain Barrel

**Proposed BMP description:**

Add vegetated buffer to river. Also, potential to infiltrate drainage prior to river on the east side of access drive (outside of river corridor), and to collect roof drainage in cisterns for water reuse.

**Site Description**

Development along river

**Feasibility concerns:**

Ownership of Site

**Proposed BMP details**

Current site type	Industrial
Drainage area (acres)	Medium
Impervious area (acres)	High (50-75%)
BMP pollutant reduction	Moderate
BMP design required	Complex
Hydrologic soil group	B
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	High
Project score	50.00%
Project rank	13 (tie)

**Site map**



**Site photo**





**Site name:** Humane Society

**Approximate address:** 1589 VT Route 14 S, East Montpelier, VT

**Proposed BMP type:** Dry Well, Cistern / Rain Barrel

**Proposed BMP description:**

Manage roof runoff via dry wells or direct to a cistern if water could be used on site.

**Site Description**

Humane Society between VT-14 and Fair Rd

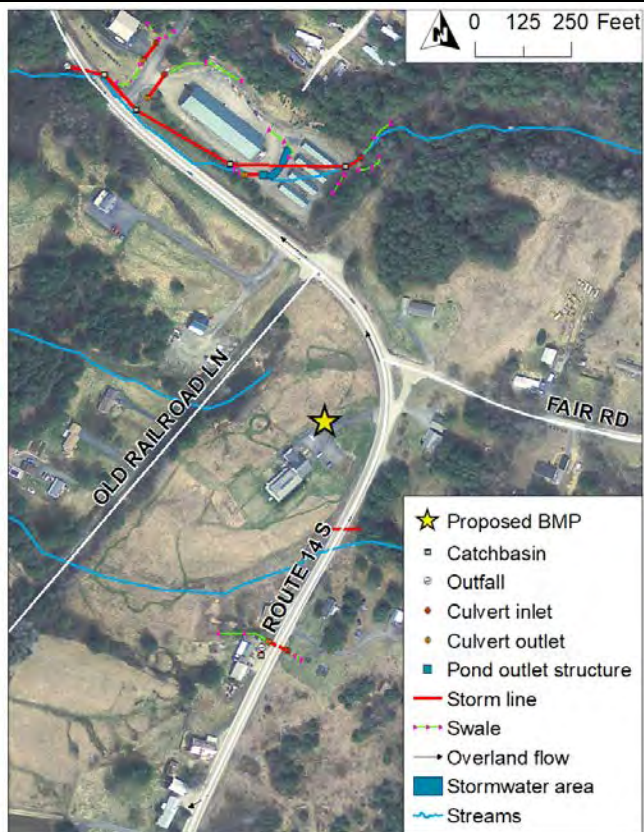
**Feasibility concerns:**

Ownership of Site

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Small
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	A/B
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Low
Relative project cost	Low
Project score	50.00%
Project rank	13 (tie)

**Site map**



**Site photo**



**Site name:** Anderson Equipment

**Approximate address:** 290 Packard Rd, East Montpelier, VT

**Proposed BMP type:** Check Dams, Cistern / Rain Barrel, Ditch / Swale Improvements, Infiltration Basin

**Proposed BMP description:**

Implement an infiltration basin at the existing outlets by the corner of the driveway and Packard Rd; add check dams in roadside swale along Packard Rd between VT-2 and Anderson Equipment building; also, potential to route roof drains to a cistern for water reuse (equipment washing).

**Site Description**

Equipment rental facility in the Packard Rd industrial park; roof drains drain to catchbasin on corner of hill to black pipe and into culvert at lower portion of property

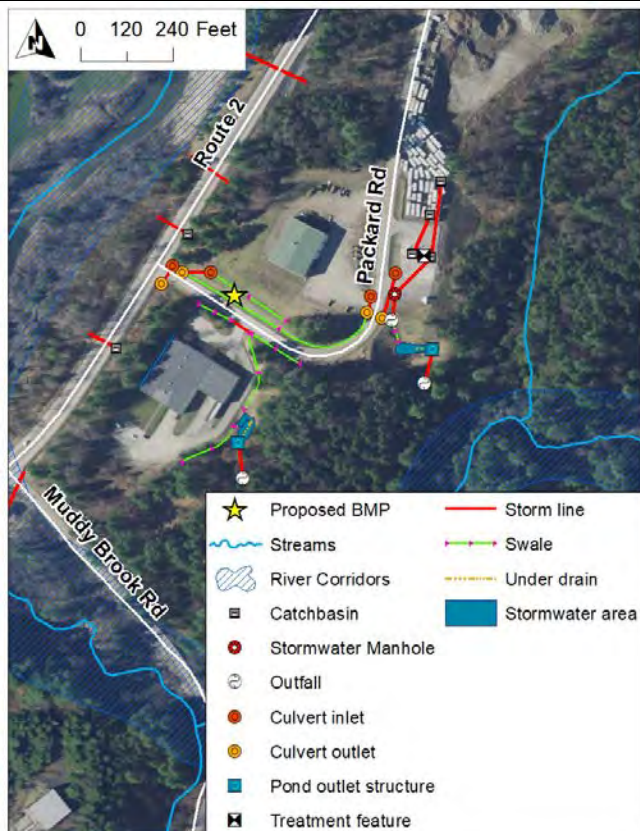
**Feasibility concerns:**

Space, Ownership of Site

**Proposed BMP details**

Current site type	Commercial
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	A
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	5096-9003.R, 4769-9010 - for Packard Facilities
Auxiliary Benefits	Runoff from Heavily Used Impervious
Retrofit Priority	High
Relative project cost	Medium
Project score	47.62%
Project rank	16 (tie)

**Site map**



**Site photo**





**Site name:** Coburn Rd

**Approximate address:** 1–627 Coburn Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Turnouts, Sand Filter

**Proposed BMP description:**

There are areas along road where drainage can't get into ditches. Formalize ditches in areas where water runs along road. Add check dams and turnouts where feasible. Improve buffer. Potential for sand filter in ditches where ditches are wide. Area upslope of road appears to have been cleared and has destabilized tributary area.

**Site Description**

Entire length of Coburn Rd from VT-14; many tributaries in this area; many ravines; NRCS focus on this road

**Feasibility concerns:**

Space, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	B/C
Hydrologic connectivity	Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	47.62%
Project rank	16 (tie)

**Site map**



**Site photo**



**Site name:** Cummings and County

**Approximate address:** 34–652 Cummings Rd, East Montpelier, VT

**Proposed BMP type:** Sand Filter, Ditch / Swale Improvements, Sediment Trap

**Proposed BMP description:**

Direct road drainage to triangle area. Construct practice in this location to detain stormwater and capture eroding sediment. Improve ditches and add turnouts. Some areas need formalized ditches.

**Site Description**

Intersection of Cummings Rd and County Rd

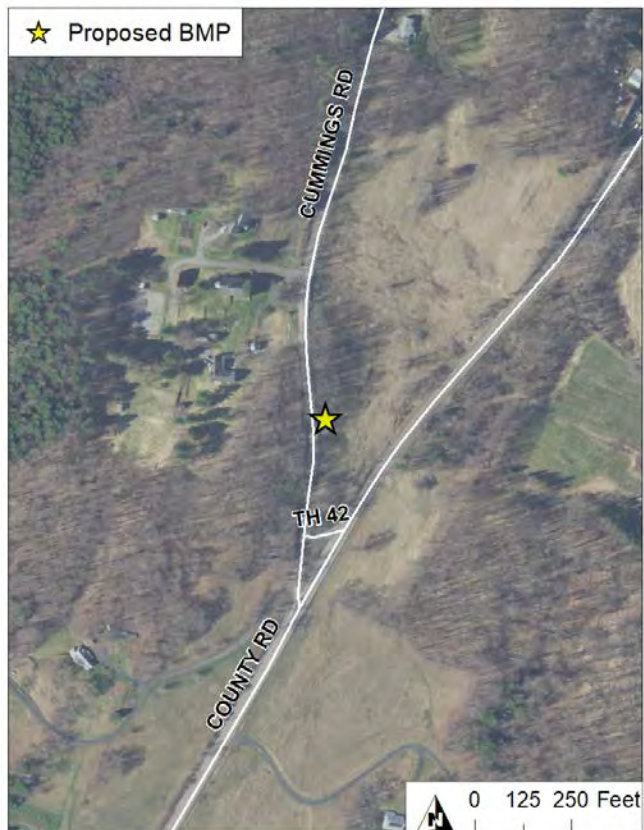
**Feasibility concerns:**

Space, Steep, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	Reduce Ponding / Puddling
Retrofit Priority	High
Relative project cost	Medium
Project score	47.62%
Project rank	16 (tie)

**Site map**



**Site photo**





**Site name:** Route 2 Pull-Off

**Approximate address:** Route 2 and Towne Hill Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement

**Proposed BMP description:**

Add vegetated filter strip between pull off and river.

**Site Description**

Pull-off area along Route 2 that abuts the Winooski River.

**Feasibility concerns:**

Space, Poor Soils, Ownership of Site, River Corridor / Floodplain, Steep

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Small
Impervious area (acres)	Very High (75-100%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Connected
Ownership of Site	VTrans
Stormwater Permit?	No
Auxiliary Benefits	Runoff from Heavily Used Impervious
Retrofit Priority	Medium
Relative project cost	Medium
Project score	47.62%
Project rank	16 (tie)

**Site map**



**Site photo**



**Site name:** Goddard College Maintenance Garage

**Approximate address:** 601–857 Vermont Route 214, East Montpelier, VT

**Proposed BMP type:** Dry Wells, Culvert may be undersized

**Proposed BMP description:**

Direct roof drainage to dry wells; improve road surface; increase size of cross culvert to mitigate flooding

**Site Description**

Access drive to the maintenance garage.

**Feasibility concerns:**

Space, Ownership of Site, Wetlands

**Proposed BMP details**

Current site type	Educational, Other
Drainage area (acres)	Small
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	B
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	Reduce Flooding, Infrastructure Improvement
Retrofit Priority	Low
Relative project cost	Low
Project score	47.62%
Project rank	16 (tie)

**Site map**



**Site photo**





**Site name:** Center Rd Field

**Approximate address:** Center Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Sand Filter

**Proposed BMP description:**

Field runoff drains to stream. Improve buffer and direct runoff to a sand filter before stream.

**Site Description**

Farm field with stream running to the south and east of site.

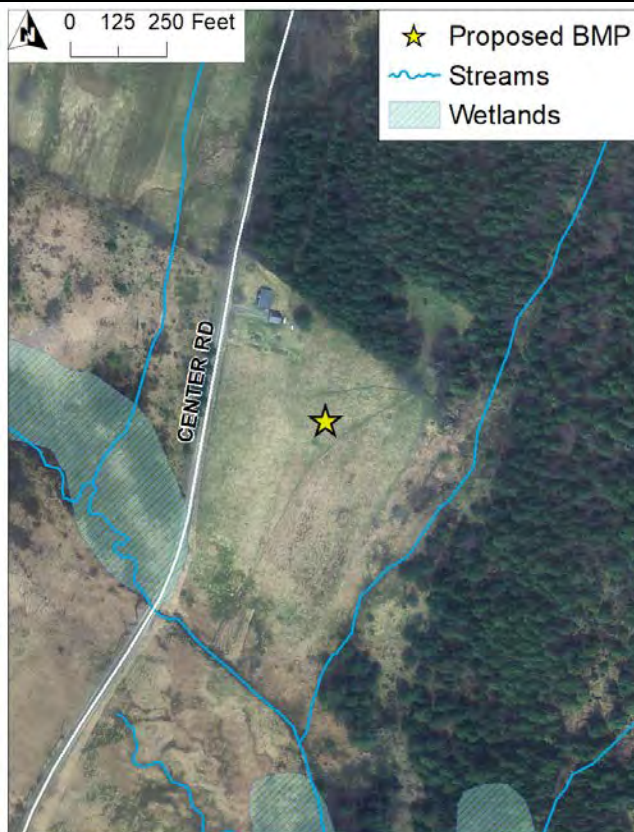
**Feasibility concerns:**

Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Large
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	44.74%
Project rank	21

**Site map**



**Site photo**



**Site name:** Doner Rd Farm

**Approximate address:** 320 Fitch Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement

**Proposed BMP description:**

Water source for cows appears to be part of a stream. Add buffer to stream and provide separate water source for cows. Area is trampled by cows currently.

**Site Description**

Small farm property west of Doner Rd.

**Feasibility concerns:**

Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Small
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Low
Project score	42.86%
Project rank	22 (tie)

**Site map**



**Site photo**





**Site name:** Sparrow Farm Rd

**Approximate address:** 1–807 Sparrow Farm Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Turnouts, Filter Strip / Buffer Enhancement

**Proposed BMP description:**

Regrade road to better direct water off road. Stabilize ditches and add check dams and turnouts where feasible. Some areas do not have formal ditches. Add ditches and direct to stable vegetated area. Stream in cow pasture needs buffer. If this is cow water source, supply new source.

**Site Description**

Road with farm on the west side of road.

**Feasibility concerns:**

Space, Steep, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW, Residential, Other
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Low
Relative project cost	Medium
Project score	42.86%
Project rank	22 (tie)

**Site map**



**Site photo**



**Site name:** Butterfield Rd and 15

**Approximate address:** Butterfield Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Filter Strip / Buffer Enhancement, Residential GSI

**Proposed BMP description:**

Area is constrained, but ditches could be improved and residential GSI implemented. Formalize and stabilize ditches and add check dams. Improve buffer.

**Site Description**

Road that runs along North Montpelier Pond.

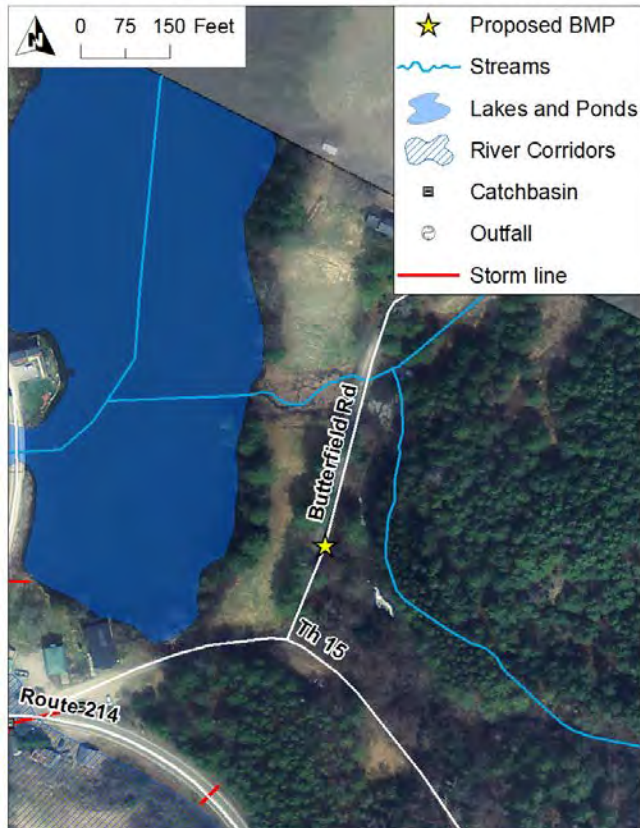
**Feasibility concerns:**

Space, Steep, Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Small
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Minimal
Hydrologic soil group	D
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	42.86%
Project rank	22 (tie)

**Site map**



**Site photo**





**Site name:** Horn of the Moon Rd

**Approximate address:** 1320 Horn of the Moon Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Turnouts, Sediment Trap

**Proposed BMP description:**

Town has done work in this area that is helpful, but stone and turnouts need to be maintained and erosion is still occurring at stone-lined area. Regrade road, stabilize ditches, add additional turnouts. Add check dams. Add sediment trap before stream crossing.

**Site Description**

Horn of the Moon Rd – semi-active farms

**Feasibility concerns:**

Space, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW, Residential
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	40.48%
Project rank	25 (tie)

**Site map**



**Site photo**



**Site name:** Bobolink Farm

**Approximate address:** 2395 Towne Hill Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Cistern / Rain Barrel

**Proposed BMP description:**

Buffer restoration to stream; potential to direct roof runoff to cistern for water reuse.

**Site Description**

Farm site that straddles stream.

**Feasibility concerns:**

Poor Soils, Ownership of Site, Wetlands

**Proposed BMP details**

Current site type	Industrial
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	C/D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	High
Relative project cost	Medium
Project score	40.48%
Project rank	25 (tie)

**Site map**



**Site photo**





**Site name:** Sodom Pond Brook Corridor

**Approximate address:** 1–23 Foster Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Check Dams

**Proposed BMP description:**

Several stream crossings along this road are lacking a buffer. Road has been over widened in sections. Add check dams in ditches to reduce velocity and trap sediment. Add turnouts where feasible.

**Site Description**

Road follows brook and a lot of water flows through this area.

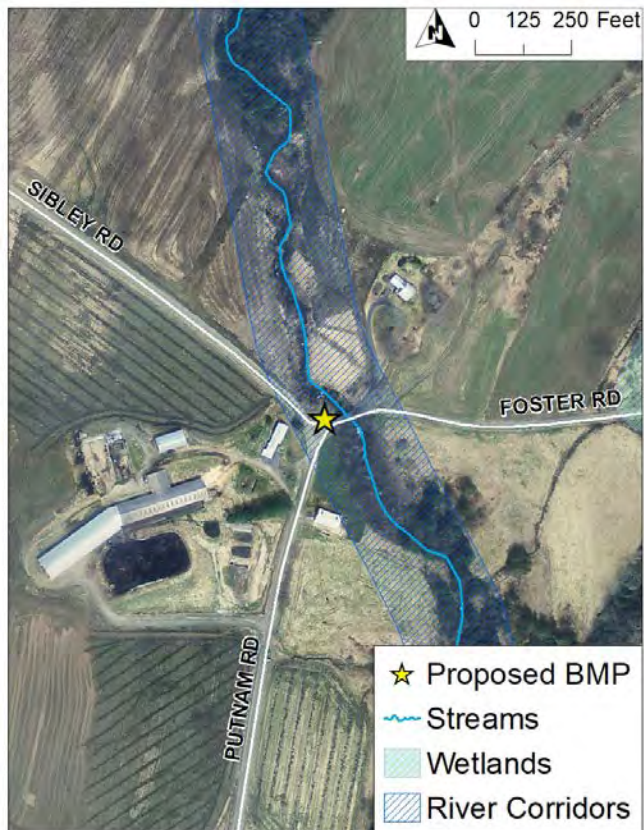
**Feasibility concerns:**

River Corridor / Floodplain, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW, Other
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	40.48%
Project rank	25 (tie)

**Site map**



**Site photo**



**Site name:** Fitch and Doner

**Approximate address:** 100–198 Doner Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Sand Filter, Turnouts

**Proposed BMP description:**

Potential to improve ditches, which are clogged with sediment. Stabilize. Add check dams and turnouts where feasible. Direct to sand filter in center island area or along roadside.

**Site Description**

Intersection of Doner Rd and Fitch Rd.

**Feasibility concerns:**

Ownership of Site, Space, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Small
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	40.48%
Project rank	25 (tie)

**Site map**



**Site photo**





**Site name:** Putnam Rd Ravine

**Approximate address:** 437 Putnam Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement

**Proposed BMP description:**

Soils are sandy and prone to erosion. No active erosion in gully area was noted, but stream buffers should be improved to better stabilize area and prevent future erosion. Stabilize eroding road area by stream culvert on Lyle Young Rd..

**Site Description**

Ravine between Putnam Rd and Lyle Young Rd

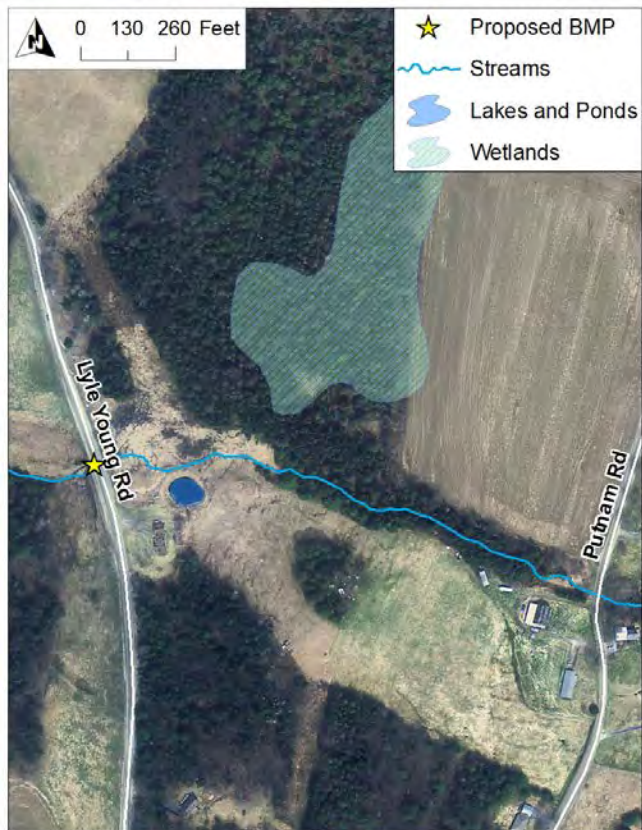
**Feasibility concerns:**

Ownership of Site, Poor Soils, Steep

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Large
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	C/D
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	40.48%
Project rank	25 (tie)

**Site map**



**Site photo**



**Site name:** County and Templeton

**Approximate address:** 101–389 Templeton Rd, East Montpelier, VT

**Proposed BMP type:** Check Dams, Turnouts

**Proposed BMP description:**

Add check dams and turnouts where feasible to distribute runoff. In some areas road is depressed below vegetated surface.

**Site Description**

Intersection of County Rd and Templeton Rd.

**Feasibility concerns:**

Poor Soils

**Proposed BMP details**

Current site type	Road/ROW
Drainage area (acres)	Small
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	D
Hydrologic connectivity	Disconnected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Very Low
Relative project cost	Low
Project score	40.48%
Project rank	25 (tie)

**Site map**



**Site photo**





**Site name:** Dodge Rd

**Approximate address:** Dodge Rd and Lyle Young Rd, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Check Dams, Turnouts

**Proposed BMP description:**

Sides of road are eroding upper portion. Improve and stabilize ditching. Add check dams and turnouts. However, ditches in the lower part of road are stabilized. Sediment does not appear to be making it to surface waters except in high flow events.

**Site Description**

Unpaved road that drains east towards stream.

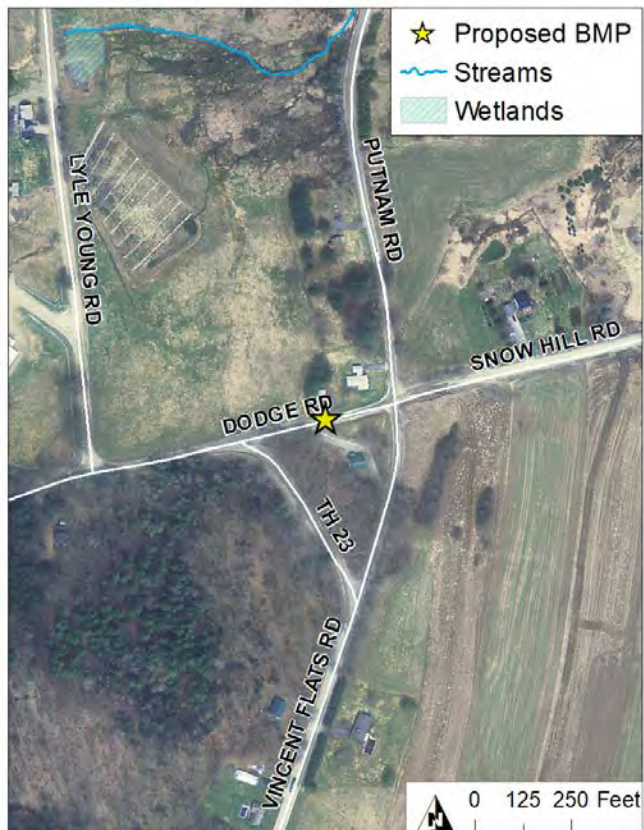
**Feasibility concerns:**

Space, Steep, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Medium
Impervious area (acres)	Medium (25-50%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Low
Relative project cost	Medium
Project score	38.10%
Project rank	31

**Site map**



**Site photo**



**Site name:** North St Field

**Approximate address:** North St and Cummings Rd, East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement, Filter Berm

**Proposed BMP description:**

Add buffer along spring to filter runoff; potential to add a filter berm to intercept agricultural runoff.

**Site Description**

Farm field at the intersection of North St and Cummings Rd.

**Feasibility concerns:**

Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Medium
Relative project cost	Medium
Project score	35.71%
Project rank	32 (tie)

**Site map**



**Site photo**





**Site name:** Taylor Farm Rd

**Approximate address:** 240–696 Taylor Farm Rd, East Montpelier, VT

**Proposed BMP type:** Regrade road

**Proposed BMP description:**

Regrade road to better direct water off road.

**Site Description**

Road that has a small section within East Montpelier.

**Feasibility concerns:**

Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Low
BMP design required	Minimal
Hydrologic soil group	B/D
Hydrologic connectivity	Disconnected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Very Low
Relative project cost	Low
Project score	35.71%
Project rank	32 (tie)

**Site map**



**Site photo**



**Site name:** North St

**Approximate address:** 3240–4112 North St, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Turnouts

**Proposed BMP description:**

In some areas road is depressed below vegetated surface. Some areas could be improved with formalized ditching. Add turnouts where feasible. Currently logs are piled up blocking a stream. A stream culvert should be installed under the road.

**Site Description**

Road with some noted erosion.

**Feasibility concerns:**

Space, Poor Soils

**Proposed BMP details**

Current site type	Road/ROW
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Low
BMP design required	Medium
Hydrologic soil group	C/D
Hydrologic connectivity	Semi-Connected
Ownership of Site	Public
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Low
Relative project cost	Medium
Project score	35.71%
Project rank	32 (tie)

**Site map**



**Site photo**





**Site name:** L Brown Dr Residential

**Approximate address:** 389 L Brown Dr, East Montpelier, VT

**Proposed BMP type:** Ditch / Swale Improvements, Sand Filter

**Proposed BMP description:**

Road needs to be regraded to direct water off road. Erosion along road as water runs down road. Potential for sand filter on ditch along route 14.

**Site Description**

Residential properties along private road.

**Feasibility concerns:**

Ownership of Site, Steep, Poor Soils

**Proposed BMP details**

Current site type	Road / ROW, Residential
Drainage area (acres)	Small
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	B/C
Hydrologic connectivity	Disconnected
Ownership of Site	Private Unknown
Stormwater Permit?	4472-9015 - primarily disconnection
Auxiliary Benefits	
Retrofit Priority	Low
Relative project cost	Low
Project score	33.33%
Project rank	35

**Site map**



**Site photo**



**Site name:** Route 2 Landslide

**Approximate address:** Route 2 (north of Towne Hill Rd), East Montpelier, VT

**Proposed BMP type:** Filter Strip / Buffer Enhancement

**Proposed BMP description:**

Revegetate any bare areas upslope of landslide. This slide is primarily caused by topography and soil conditions, not stormwater inputs.

**Site Description**

Landslide noted to the west of Route 2

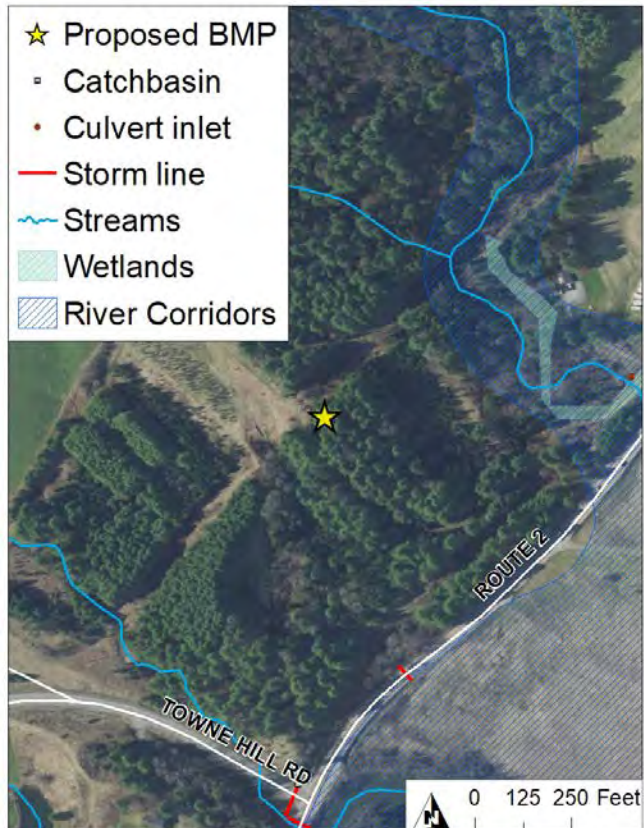
**Feasibility concerns:**

Ownership of Site, Poor Soils

**Proposed BMP details**

Current site type	Other
Drainage area (acres)	Medium
Impervious area (acres)	Low (0-25%)
BMP pollutant reduction	Moderate
BMP design required	Medium
Hydrologic soil group	C
Hydrologic connectivity	Semi-Connected
Ownership of Site	Private Unknown
Stormwater Permit?	No
Auxiliary Benefits	
Retrofit Priority	Low
Relative project cost	Medium
Project score	26.19%
Project rank	36

**Site map**



**Site photo**

