

BMP ID	Latitude	Longitude	Project Name	Assessed By	Date Assessed	BMP Address	Town	Site Type	Site Description	Notes	Hydrologic Soil Group	≥3 Acres Impervious	Act 250 Permit
1	44.2453489	-72.52680419	U-32 High School	KG,KB	2018-02-28	930 Gallison Hill Rd, East Montpelier, VT	East Montpelier	Educational	High school and associated parking lot and driveways	Middle and High School. Noted by Town and State. Hydric soils present.	D	Yes - 10.9 acres	500003 - Construction of High School
2	44.3158004	-72.52161239	Town Garage and Fire Station	KG,KB	2018-06-26	325 Templeton Rd, East Montpelier, VT	East Montpelier	Industrial	Town Garage with the Fire Station.	Noted by Town; the Town has a plan to move the sand pile up to the back of the site. Stream runs along the back of the site.	C/D	No	No
3	44.285827	-72.495046	East Montpelier Elementary School	KG,KB	2018-02-28	665 Vincent Flats Rd, East Montpelier, VT	East Montpelier	Educational	School site has a grass swale draining to a level spreader; stormline outlets to a wetland beyond the Town rec fields	School noted by Town; drainage feeds into area on Quaker Hill Rd (Town to be fixing this area); visited site on 7/9/18 with Pam DeAndrea (CVRPC) and Todd Hill (EMES's Head of Maintenance)	B	No	No
4	44.2845076	-72.48286718	Kelton Rd Field	KG,KB	2018-06-01	774-1034 Kelton Rd, East Montpelier, VT	East Montpelier	Road / ROW, Other	Farm field along Kelton Rd; drains south to stream.	Noted by Town; erosion noted at SW corner of field	D	No	No
5	44.2656654	-72.49524396	Mekkelsen RVs	KG,KB	2018-04-24	2419 US Route 2, East Montpelier, VT	East Montpelier	Commercial	Mekkelsen RV Sales & Rentals	Streams on 3 sides; State has noted that there is evidence of soap from RV washing at outfall.	C/D	No	No
6	44.2501122	-72.49119744	Washington Electric Cooperative	KG,KB	2018-04-24	344 Fassett Rd, East Montpelier, VT	East Montpelier	Industrial	Part of Packard Rd industrial park.	Noted by Town; lots of infrastructure; industrial; many low points in road; no ledge; many problems in this area	A	Yes - 10.9 acres	5W0002 - Washington Electric Coop - construction of commercial property
7	44.2571173	-72.516081	Town Hill Rd Materials	KG,KB	2018-04-24	2368 Towne Hill Rd, East Montpelier, VT	East Montpelier	Industrial	Materials storage site.	Noted by Town; stream is lacking buffer. Proposed practice may involve two parcels.	C	No	No
8	44.2637864	-72.48315712	Pine Ridge Rd	KG,KB	2018-04-24	110 Pine Ridge Rd, East Montpelier, VT	East Montpelier	Road/ROW	Road and surrounding development	Noted by Town; development along road.	A	No	No
9	44.2515937	-72.48820703	Crossroads Church & Pine State Trading	KG,KB	2018-04-24	230 Fassett Rd, East Montpelier, VT	East Montpelier	Industrial	Church on west side of swale and Pine State Trading on the east side of swale.	Large amount of impervious in this area; swale drains south to stream.	A	No	5W0002 - Washington Electric Coop - construction of commercial property
10	44.2613599	-72.53294061	Green Rd	KG,KB	2018-06-01	1-299 Green Rd, East Montpelier, VT	East Montpelier	Road / ROW	Area is very steep and there is an undersized culvert.	Noted by Town	C	No	No
11	44.3257023	-72.55919142	Sanders Cir	KG,KB	2018-06-01	842-1198 Sanders Cir, East Montpelier, VT	East Montpelier	Road / ROW	Road intersection with noted issues.	Noted by Town, erosion at Horn of the Moon Rd and Sanders Cir intersection.	C	No	No
12	44.2680094	-72.52086475	Brazier Rd	KG,KB	2018-06-01	801-1099 Brazier Rd, East Montpelier, VT	East Montpelier	Road/ROW	Road with erosion issues. Adjacent to Pratt conservation area.	Noted by Town; some ledge present; mature trees; headwater springs for the village water system (by Minister Rd)	C/D	No	No
13	44.286687	-72.543132	Morse Farm Maple Sugarworks	KG,KB	2018-06-27	County Rd (south of Barnes Rd), East Montpelier, VT	East Montpelier	Commercial	More Farm Maple Sugarworks.	Noted by Town; stream crossing. Some hydric soils.	C/D	No	No

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BMP ID	Latitude	Longitude	Project Name	Stormwater Permit	Hazardous Waste or UST	Active Pollution Visible	Operation and Maintenance Issues	Was Unpaved Road Assessed?	Is the Roadway Properly Crowned?	Length of Road Improperly Crowned if Improperly Crowned (%)	Grader Berm Present?	Length of Road with Grader Berm if Present (%)	Are Ditches Present Along Road?	If Present, are Ditches Completely Stabilized?	Length of Unstable Ditching if Present (%)	Are There Culvert Issues Present?	If Present, Describe Culvert Issues	Is there Erosion to Surface Waters?	If Present, Severity of Erosion to Surface Waters	Other Road-Related Notes	Proposed BMP Practice Type
1	44.2453489	-72.52680419	U-32 High School	6010-9015, 6010-9015.1, 6010-9015.2 - grass treatment swale	No			no													Filter Berm, Sand Filter, Cistern / Rain Barrel, Gravel Wetland, Check Dams
2	44.3158004	-72.52161239	Town Garage and Fire Station	No	No	Excessive Erosion, Road Salt		no													Cistern / Rain Barrel, Ditch / Swale Improvements, Gravel Wetland or Sand Filter, Salt Management
3	44.285827	-72.495046	East Montpelier Elementary School	6981-9015: Grass treatment swale to level spreader	No		Ditches/Swales Need to be Cleaned Out	no													Cistern / Rain Barrel, Ditch / Swale Improvements, Infiltration Basin
4	44.2845076	-72.48286718	Kelton Rd Field	No	No			yes	no	0-49%	yes	50-89%	yes	no	90-100%	yes	Erosion at Culvert Inlet, Erosion at Culvert Outlet	yes	High		Ditch / Swale Improvements, Check Dams, Gravel Wetland, Step Pools
5	44.2656654	-72.49524396	Mekkelsen RVs	No	No			no													Sand Filter, Cistern / Rain Barrel, Hydrodynamic Separator
6	44.2501122	-72.49119744	Washington Electric Cooperative	3179-9003.R; 3179-9010.R - swales, detention pond	No			no													Infiltration Basin
7	44.2571173	-72.516081	Town Hill Rd Materials	No	No		Uncovered piles of materials	no													Filter Strip / Buffer Enhancement, Cistern / Rain Barrel, Sand Filter
8	44.2637864	-72.48315712	Pine Ridge Rd	No	No			yes	no	0-49%	yes	0-49%	yes	yes		yes		no		Some areas with no ditching and grader berms	Ditch / Swale Improvements, Filter Strip / Buffer Enhancement, Infiltration Trench
9	44.2515937	-72.48820703	Crossroads Church & Pine State Trading	No	No		Litter thrown into ditch between sites; Erosion from parking lots into ditch	no													Infiltration Basin
10	44.2613599	-72.53294061	Green Rd	No	No			yes	no	50-89%	yes	50-89%	no			yes	Erosion at Culvert Outlet	yes	Moderate		Ditch / Swale Improvements, Check Dams, Turnouts, Filter Strip / Buffer Enhancement, Sediment Trap
11	44.3257023	-72.55919142	Sanders Cir	No	No			yes	no	0-49%	yes	0-49%	yes	no	50-89%	no		yes	Moderate		Filter Strip / Buffer Enhancement, Ditch / Swale Improvements, Check Dams, Turnouts
12	44.2680094	-72.52086475	Brazier Rd	No	No			yes	no	50-89%	yes	0-49%	yes	no	90-100%	yes	Erosion at Culvert Inlet, Erosion at Culvert Outlet	yes	Low		Ditch / Swale Improvements, Check Dams, Turnouts
13	44.286687	-72.543132	Morse Farm Maple Sugarworks	No	No			no													Stormwater Planters, Sand Filter, Filter Strip / Buffer Enhancement

BMP ID	Latitude	Longitude	Project Name	Describe Proposed BMP Practice(s)	Retrofit Priority	Retrofit Feasibility Issues	Ancillary Retrofit Benefits	Approximate Drainage Area Size	Approximate Pollutant Load Reduction	Impervious in Drainage Area (Approximate %)	Hydrologic Connectivity	Cost Projection	Landowner Interest	Design Complexity
1	44.2453489	-72.52680419	U-32 High School	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.	High	Poor Soils	Educational, Runoff from Heavily Used Impervious	Large	Moderate	High (50-75%)	Semi-Connected	Medium	Public	Medium
2	44.3158004	-72.52161239	Town Garage and Fire Station	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).	Very High	Wetlands, Poor Soils, Steep	Runoff from Heavily Used Impervious	Medium	High	Very High (75-100%)	Semi-Connected	High	Public	Complex
3	44.285827	-72.495046	East Montpelier Elementary School	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.	High	Utilities	Educational, Reduce Ponding / Puddling, Runoff from Heavily Used Impervious	Large	Moderate	Medium (25-50%)	Semi-Connected	Medium	Public	Medium
4	44.2845076	-72.48286718	Kelton Rd Field	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.	Very High	Ownership of Site, Space, Steep, Mature Trees, Poor Soils		Large	High	Low (0-25%)	Connected	Medium	Private Unknown	Medium
5	44.2656654	-72.49524396	Mekkelsen RVs	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.	High	Space, Poor Soils, Ownership of Site	Runoff from Heavily Used Impervious	Medium	High	High (50-75%)	Connected	Medium	Private Unknown	Medium
6	44.2501122	-72.49119744	Washington Electric Cooperative	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	Medium	Ownership of Site	Runoff from Heavily Used Impervious	Medium	Moderate	High (50-75%)	Semi-Connected	Medium	Private Unknown	Medium
7	44.2571173	-72.516081	Town Hill Rd Materials	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.	High	Poor Soils, Ownership of Site, Wetlands		Large	Moderate	High (50-75%)	Connected	Medium	Private Unknown	Medium
8	44.2637864	-72.48315712	Pine Ridge Rd	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.	High	Space, Mature Trees, Steep, Ownership of Site		Medium	Low	Medium (25-50%)	Connected	Medium	Private Unknown	Medium
9	44.2515937	-72.48820703	Crossroads Church & Pine State Trading	Formalize basin feature in ditch to allow for infiltration.	High	Ownership of Site	Runoff from Heavily Used Impervious	Medium	Moderate	High (50-75%)	Semi-Connected	Medium	Private Unknown	Medium
10	44.2613599	-72.53294061	Green Rd	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.	High	Space, Steep, Poor Soils		Medium	Moderate	Low (0-25%)	Connected	Medium	Public	Medium
11	44.3257023	-72.55919142	Sanders Cir	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.	High	Poor Soils		Medium	Moderate	High (50-75%)	Semi-Connected	Medium	Public	Medium
12	44.2680094	-72.52086475	Brazier Rd	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.	High	Space, Steep, Mature Trees, Poor Soils		Medium	Moderate	Low (0-25%)	Semi-Connected	Medium	Public	Minimal
13	44.286687	-72.543132	Morse Farm Maple Sugarworks	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.	High	Ownership of Site, Poor Soils		Medium	Low	Medium (25-50%)	Semi-Connected	Low	Private Unknown	Minimal

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1	44.2453489	-72.52680419	U-32 High School	0	25	10	20	10	25	15	10	15	20	110	125	52.38	65.79	65.79	1	1
2	44.3158004	-72.52161239	Town Garage and Fire Station	0	10	25	25	10	25	5	5	0	25	120	120	57.14	63.16	63.16	2	2
3	44.285827	-72.495046	East Montpelier Elementary School	10	25	10	10	10	25	15	10	0	20	110	110	52.38	57.89	57.89	3	3
4	44.2845076	-72.48286718	Kelton Rd Field	0	25	25	5	25	0	15	10	0	25	105	105	50	55.26	55.26	4	4
5	44.2656654	-72.49524396	Mekkelsen RVs	0	10	25	20	25	0	15	10	0	20	115	100	54.76	52.63	54.76	5	5
6	44.2501122	-72.49119744	Washington Electric Cooperative	25	10	10	20	10	0	15	10	15	10	100	100	47.62	52.63	52.63	6	6 (tie)
7	44.2571173	-72.516081	Town Hill Rd Materials	0	25	10	20	25	0	15	10	0	20	100	100	47.62	52.63	52.63	7	6 (tie)
8	44.2637864	-72.48315712	Pine Ridge Rd	25	10	5	10	25	0	15	10	0	20	110	95	52.38	50	52.38	8	8 (tie)
9	44.2515937	-72.48820703	Crossroads Church & Pine State Trading	25	10	10	20	10	0	15	10	0	20	110	95	52.38	50	52.38	9	8 (tie)
10	44.2613599	-72.53294061	Green Rd	0	10	10	5	25	25	15	10	0	20	110	95	52.38	50	52.38	10	8 (tie)
11	44.3257023	-72.55919142	Sanders Cir	0	10	10	20	10	25	15	10	0	20	110	95	52.38	50	52.38	11	8 (tie)
12	44.2680094	-72.52086475	Brazier Rd	0	10	10	5	10	25	15	25	0	20	110	80	52.38	42.11	52.38	12	8 (tie)
13	44.286687	-72.543132	Morse Farm Maple Sugarworks	0	10	5	10	10	0	35	25	0	20	105	55	50	28.95	50	13	13 (tie)

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14	44.2770598	-72.47816043	Sodom Pond Brook and Route 14	KG,KB	2018-06-01	628 VT Route 14 N, East Montpelier, VT	East Montpelier	Industrial	Development along river	Noted by Town; very dynamic area, very close to Sodom Pond Brook, lacks buffer. In river corridor. Some hydric soils.	B	No	No
15	44.2569907	-72.48497398	Humane Society	KG,KB	2018-04-24	1589 VT Route 14 S, East Montpelier, VT	East Montpelier	Other	Humane Society between VT-14 and Fair Rd	Noted by Town; site is fairly well disconnected.	A/B	No	No
16	44.244346	-72.502159	Anderson Equipment	KG,KB	2018-06-27	290 Packard Rd, East Montpelier, VT	East Montpelier	Commercial	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	Noted by Town as an industrial area that may have some issues; runoff from site, and roof drains, drain down to culvert on VT-2; A soils at top of hill and C soils by intersection with VT-2	A	No	5W0840 Indust Park, Com, Waste Mgmt Facility
17	44.2856059	-72.45330949	Coburn Rd	KG,KB	2018-05-24	1-627 Coburn Rd, East Montpelier, VT	East Montpelier	Road / ROW	Entire length of Coburn Rd from VT-14; many tributaries in this area; many ravines; NRCS focus on this road	Town priority area, see river corridors.	B/C	No	No
18	44.280853	-72.55071829	Cummings and County	KG,KB	2018-06-01	34-652 Cummings Rd, East Montpelier, VT	East Montpelier	Road / ROW	Intersection of Cummings Rd and County Rd	Noted by Town; always icy in the winter	C	No	5W1340- improvements for tennis teaching business
19	44.2615908	-72.49964198	Route 2 Pull-Off	KG,KB	2018-04-24	Route 2 and Towne Hill Rd, East Montpelier, VT	East Montpelier	Other	Pull-off area along Route 2 that abuts the Winooski River.	Noted by Town; this whole area floods during large storm events; very close to stream in river corridor	C	No	No
20	44.2871809	-72.44205215	Goddard College Maintenance Garage	KG,KB	2018-06-26	601-857 Vermont Route 214, East Montpelier, VT	East Montpelier	Educational, Other	Access drive to the maintenance garage.	Noted by Town; Water on either side of garage access drive and area floods	B	No	No
21	44.2956369	-72.51624863	Center Rd Field	KG,KB	2018-06-01	Center Rd, East Montpelier, VT	East Montpelier	Other	Farm field with stream running to the south and east of site.	Noted by Town; agricultural field where corn is grown.	C	No	No
22	44.3348271	-72.53232855	Doner Rd Farm	KG,KB	2018-06-01	320 Fitch Rd, East Montpelier, VT	East Montpelier	Other	Small farm property west of Doner Rd.	Noted by Town	C	No	No
23	44.2995583	-72.55273525	Sparrow Farm Rd	KG,KB	2018-06-01	1-807 Sparrow Farm Rd, East Montpelier, VT	East Montpelier	Road / ROW, Residential, Other	Road with farm on the west side of road.	Noted by Town, some erosion noted along road.	C	No	No
24	44.3044943	-72.44435718	Butterfield Rd and 15	KG,KB	2018-05-24	Butterfield Rd, East Montpelier, VT	East Montpelier	Road / ROW	Road that runs along North Montpelier Pond.	Noted by Town Butterfield Rd and 15	D	No	No
25	44.3231344	-72.55438228	Horn of the Moon Rd	KG,KB	2018-06-01	1320 Horn of the Moon Rd, East Montpelier, VT	East Montpelier	Road / ROW, Residential	Horn of the Moon Rd -- semi-active farms	Noted by Town; area is very wet; wetlands in this area	C	No	No
26	44.2576683	-72.51658768	Bobolink Farm	KG,KB	2018-04-24	2395 Towne Hill Rd, East Montpelier, VT	East Montpelier	Industrial	Farm site that straddles stream.	Noted by Town; hydric soils.	C/D	No	No
27	44.3043448	-72.48914453	Sodom Pond Brook Corridor	KG,KB	2018-06-01	1-23 Foster Rd, East Montpelier, VT	East Montpelier	Road / ROW, Other	Road follows brook and a lot of water flows through this area.	Noted by Town, Hydric soils.	D	No	No
28	44.3329035	-72.53096067	Fitch and Doner	KG,KB	2018-06-01	100-198 Doner Rd, East Montpelier, VT	East Montpelier	Road / ROW	Intersection of Doner Rd and Fitch Rd.	Noted by Town; wetlands and hydric soils to the east of this intersection. Stream crossings.	C	No	No
29	44.2984885	-72.49375171	Putnam Rd Ravine	KG,KB	2018-06-26	437 Putnam Rd, East Montpelier, VT	East Montpelier	Other	Ravine between Putnam Rd and Lyle Young Rd	Noted by Town; Hydric soils towards Lyle Young Rd	C/D	No	No
30	44.3178075	-72.52759958	County and Templeton	KG,KB	2018-06-01	101-389 Templeton Rd, East Montpelier, VT	East Montpelier	Road/ROW	Intersection of County Rd and Templeton Rd.	Noted by Town; hydric soils.	D	No	No
31	44.2908402	-72.49346886	Dodge Rd	KG,KB	2018-06-01	Dodge Rd and Lyle Young Rd, East Montpelier, VT	East Montpelier	Road / ROW	Unpaved road that drains east towards stream.	Erosion along road. Town has done some work here.	C	No	No
32	44.2891963	-72.55266863	North St Field	KG,KB	2018-06-01	North St and Cummings Rd, East Montpelier, VT	East Montpelier	Other	Farm field at the intersection of North St and Cummings Rd.	Crop field draining to spring, noted by Town	C	No	No
33	44.2995439	-72.43324326	Taylor Farm Rd	KG,KB	2018-06-26	240-696 Taylor Farm Rd, East Montpelier, VT	East Montpelier	Road / ROW	Road that has a small section within East Montpelier.	Noted by Town; hydric soils south of point.	B/D	No	No
34	44.3079784	-72.54110668	North St	KG,KB	2018-06-01	3240-4112 North St, East Montpelier, VT	East Montpelier	Road/ROW	Road with some noted erosion.	Noted by Town; Town has done work in this area	C/D	No	No
35	44.2806714	-72.46663413	L Brown Dr Residential	KG,KB	2018-05-24	389 L Brown Dr, East Montpelier, VT	East Montpelier	Road / ROW, Residential	Residential properties along private road.	Noted by Town; heavily damaged in 2011	B/C	No	5W1175 - Commercial Buildings, Roadway, 5 Lot Subdivision
36	44.2641983	-72.49964039	Route 2 Landslide	KG,KB	2018-04-24	Route 2 (north of Towne Hill Rd), East Montpelier, VT	East Montpelier	Other	Landslide noted to the west of Route 2	Town noted slide in this location	C	No	No

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14	44.2770598	-72.47816043	Sodom Pond Brook and Route 14	No	No			no													Filter Strip / Buffer Enhancement, Infiltration Basin, Cistern / Rain Barrel
15	44.2569907	-72.48497398	Humane Society	No	No		Recommend picking up all pet waste	no													Dry Well, Cistern / Rain Barrel
16	44.244346	-72.502159	Anderson Equipment		No	Oil, Grease	Oil/Grease stains in gravel parking lot	no													Check Dams, Cistern / Rain Barrel, Ditch / Swale Improvements, Infiltration Basin
17	44.2856059	-72.45330949	Coburn Rd	No	No		Ditches/Swales Need to be Cleaned Out	yes	no	50-89%	yes	0-49%	yes	no	0-49%			yes	Low	Regrade road	Ditch / Swale Improvements, Check Dams, Turnouts, Sand Filter
18	44.280853	-72.55071829	Cummings and County	No	No			yes	no	0-49%	yes	0-49%	yes	no	0-49%			no			Sand Filter, Ditch / Swale Improvements, Sediment Trap
19	44.2615908	-72.49964198	Route 2 Pull-Off	No	No			no													Filter Strip / Buffer Enhancement
20	44.2871809	-72.44205215	Goddard College Maintenance Garage	No	No			yes	no	0-49%	no		no					yes	Low	Regrade and recrown road; stabilize eroded channels to wetland area	Dry Wells, Culvert may be undersized
21	44.2956369	-72.51624863	Center Rd Field	No	No			no													Filter Strip / Buffer Enhancement, Sand Filter
22	44.3348271	-72.53232855	Doner Rd Farm	No	No			no													Filter Strip / Buffer Enhancement
23	44.2995583	-72.55273525	Sparrow Farm Rd	No	No		Ditches/Swales Need to be Cleaned Out	yes	no	0-49%	yes	0-49%	yes	no	0-49%		Erosion at Culvert Outlet, Erosion at Culvert Inlet	no			Ditch / Swale Improvements, Check Dams, Turnouts, Filter Strip / Buffer Enhancement
24	44.3044943	-72.44435718	Butterfield Rd and 15	No	No			yes	no	50-89%	yes	0-49%	no					yes	Low		Ditch / Swale Improvements, Check Dams, Filter Strip / Buffer Enhancement, Residential GSI
25	44.3231344	-72.55438228	Horn of the Moon Rd	No	No			yes	no	50-89%	yes	0-49%	yes	no	50-89%			yes	Low	Regrade road	Ditch / Swale Improvements, Check Dams, Turnouts, Sediment Trap
26	44.2576683	-72.51658768	Bobolink Farm	No	No			no													Filter Strip / Buffer Enhancement, Cistern / Rain Barrel
27	44.3043448	-72.48914453	Sodom Pond Brook Corridor	No	No		Ditches/Swales Need to be Cleaned Out, Grass clippings being dumped on river bank	yes	yes		no		yes	no	0-49%			yes	Low		Filter Strip / Buffer Enhancement, Check Dams
28	44.3329035	-72.53096067	Fitch and Doner	No	No		Ditches/Swales Need to be Cleaned Out	yes	no	50-89%	yes	50-89%	yes	no	50-89%			yes	Moderate	Regrade road	Ditch / Swale Improvements, Check Dams, Sand Filter, Turnouts
29	44.2984885	-72.49375171	Putnam Rd Ravine	No	No			no													Filter Strip / Buffer Enhancement
30	44.3178075	-72.52759958	County and Templeton	No	No		Ditches/Swales Need to be Cleaned Out	yes	no	50-89%	yes	0-49%	yes	yes				no			Check Dams, Turnouts
31	44.2908402	-72.49346886	Dodge Rd	No	No		Ditches/Swales Need to be Cleaned Out	yes	no	0-49%	yes	0-49%	yes	no	90-100%		Erosion at Culvert Inlet, Erosion at Culvert Outlet	no			Ditch / Swale Improvements, Check Dams, Turnouts
32	44.2891963	-72.55266863	North St Field	No	No			no													Filter Strip / Buffer Enhancement, Filter Berm
33	44.2995439	-72.43324326	Taylor Farm Rd	No	No			no	no	50-89%	no		no					no			Regrade road
34	44.3079784	-72.54110668	North St	No	No		Ditches/Swales Need to be Cleaned Out	yes	no	0-49%	yes	0-49%	yes	no	0-49%		Culverts Absent but Needed	no			Ditch / Swale Improvements, Turnouts
35	44.2806714	-72.46663413	L Brown Dr Residential		No		Ditches/Swales Need to be Cleaned Out, Culvert Needs Repair	yes	no	50-89%	no		yes	yes				no		Regrade road	Ditch / Swale Improvements, Sand Filter
36	44.2641983	-72.49964039	Route 2 Landslide	No	No			no													Filter Strip / Buffer Enhancement

BMP ID	Latitude	Longitude	Project Name	Describe Proposed BMP Practice(s)	Retrofit Priority	Retrofit Feasibility Issues	Ancillary Retrofit Benefits	Approximate Drainage Area Size	Approximate Pollutant Load Reduction	Impervious in Drainage Area (Approximate %)	Hydrologic Connectivity	Cost Projection	Landowner Interest	Design Complexity
14	44.2770598	-72.47816043	Sodom Pond Brook and Route 14	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.	High	Ownership of Site		Medium	Moderate	High (50-75%)	Connected	High	Private Unknown	Complex
15	44.2569907	-72.48497398	Humane Society	Manage roof runoff via dry wells or direct to a cistern if water could be used on site.	Low			Small	Low	Medium (25-50%)	Semi-Connected	Low	Private Unknown	Minimal
16	44.244346	-72.502159	Anderson Equipment	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).	High	Space, Ownership of Site	Runoff from Heavily Used Impervious	Medium	Moderate	Medium (25-50%)	Semi-Connected	Medium	Private Unknown	Medium
17	44.2856059	-72.45330949	Coburn Rd	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.	Medium	Space, Poor Soils		Medium	Low	Medium (25-50%)	Connected	Medium	Public	Medium
18	44.280853	-72.55071829	Cummings and County	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.	High	Space, Steep, Poor Soils	Reduce Ponding / Puddling	Medium	Moderate	Medium (25-50%)	Semi-Connected	Medium	Public	Medium
19	44.2615908	-72.49964198	Route 2 Pull-Off	Add vegetated filter strip between pull off and river.	Medium	Space, Poor Soils, Ownership of Site, River Corridor / Floodplain, Steep	Runoff from Heavily Used Impervious	Small	Low	Very High (75-100%)	Connected	Medium	VTrans	Medium
20	44.2871809	-72.44205215	Goddard College Maintenance Garage	Direct roof drainage to dry wells; improve road surface; increase size of cross culvert to mitigate flooding	Low	Space, Ownership of Site, Wetlands	Reduce Flooding, Infrastructure Improvement	Small	Low	Medium (25-50%)	Semi-Connected	Low	Private Unknown	Minimal
21	44.2956369	-72.51624863	Center Rd Field	Field runoff drains to stream. Improve buffer and direct runoff to a sand filter before stream.	High	Ownership of Site, Poor Soils		Large	Moderate	Low (0-25%)	Connected	Medium	Private Unknown	Medium
22	44.3348271	-72.53232855	Doner Rd Farm	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.	Medium	Ownership of Site, Poor Soils		Small	Low	Low (0-25%)	Connected	Low	Private Unknown	Medium
23	44.2995583	-72.55273525	Sparrow Farm Rd	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.	Low	Space, Steep		Medium	Low	Low (0-25%)	Semi-Connected	Medium	Public	Minimal
24	44.3044943	-72.44435718	Butterfield Rd and 15	Area is constrained, but ditches could be improved and residential GSI implemented. Formalize and stabilize ditches and add check dams. Improve buffer.	Medium	Space, Steep, Ownership of Site, Poor Soils		Small	Moderate	Low (0-25%)	Connected	Medium	Private Unknown	Minimal
25	44.3231344	-72.55438228	Horn of the Moon Rd	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.	Medium	Space, Poor Soils		Medium	Low	Medium (25-50%)	Semi-Connected	Medium	Public	Medium
26	44.2576683	-72.51658768	Bobolink Farm	Buffer restoration to stream; potential to direct roof runoff to cistern for water reuse.	High	Poor Soils, Ownership of Site, Wetlands		Medium	Low	Medium (25-50%)	Semi-Connected	Medium	Private Unknown	Minimal
27	44.3043448	-72.48914453	Sodom Pond Brook Corridor	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.	Medium	River Corridor / Floodplain, Poor Soils		Medium	Low	Medium (25-50%)	Semi-Connected	Medium	Public	Medium
28	44.3329035	-72.53096067	Fitch and Doner	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.	Medium	Ownership of Site, Space, Poor Soils		Small	Moderate	Low (0-25%)	Semi-Connected	Medium	Private Unknown	Medium
29	44.2984885	-72.49375171	Putnam Rd Ravine	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..	Medium	Ownership of Site, Poor Soils, Steep		Large	Low	Low (0-25%)	Connected	Medium	Private Unknown	Minimal
30	44.3178075	-72.52759958	County and Templeton	Add check dams and turnouts where feasible to distribute runoff. In some areas road is depressed below vegetated surface.	Very Low	Poor Soils		Small	Low	Low (0-25%)	Disconnected	Low	Public	Medium
31	44.2908402	-72.49346886	Dodge Rd	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.	Low	Space, Steep, Poor Soils		Medium	Low	Medium (25-50%)	Semi-Connected	Medium	Public	Medium
32	44.2891963	-72.55266863	North St Field	Add buffer along spring to filter runoff; potential to add a filter berm to intercept agricultural runoff.	Medium	Ownership of Site, Poor Soils		Medium	Moderate	Low (0-25%)	Connected	Medium	Private Unknown	Medium
33	44.2995439	-72.43324326	Taylor Farm Rd	Regrade road to better direct water off road.	Very Low	Ownership of Site, Poor Soils		Medium	Low	Low (0-25%)	Disconnected	Low	Private Unknown	Minimal
34	44.3079784	-72.54110668	North St	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.	Low	Space, Poor Soils		Medium	Low	Low (0-25%)	Semi-Connected	Medium	Public	Medium
35	44.2806714	-72.46663413	L Brown Dr Residential	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.	Low	Ownership of Site, Steep, Poor Soils		Small	Moderate	Low (0-25%)	Disconnected	Low	Private Unknown	Medium
36	44.2641983	-72.49964039	Route 2 Landslide	Revegetate any bare areas upslope of landslide. This slide is primarily caused by topography and soil conditions, not stormwater inputs.	Low	Ownership of Site, Poor Soils		Medium	Moderate	Low (0-25%)	Semi-Connected	Medium	Private Unknown	Medium

BMP ID	Latitude	Longitude	Project Name	Hydrologic Soil Group Score	DA Size Score	Pollutant Reduction Score	Impervious Percent Score	Hydrologic Connectivity Score	Landowner Score	Cost Score	Design Complexity Score	≥3 Acres Imp Score	Site Priority Score	Small Site Final Score	Large Site Final Score	Small Site Percent Score	Large Site Percent Score	Total Percent Score	BMP ID	BMP Rank
14	44.2770598	-72.47816043	Sodom Pond Brook and Route 14	10	10	10	20	25	0	5	5	0	20	95	95	45.24	50	50	14	13 (tie)
15	44.2569907	-72.48497398	Humane Society	15	5	5	10	10	0	35	25	0	5	105	50	50	26.32	50	15	13 (tie)
16	44.244346	-72.502159	Anderson Equipment	25	10	10	10	10	0	15	10	0	20	100	85	47.62	44.74	47.62	16	16 (tie)
17	44.2856059	-72.45330949	Coburn Rd	0	10	5	10	25	25	15	10	0	10	100	85	47.62	44.74	47.62	17	16 (tie)
18	44.280853	-72.55071829	Cummings and County	0	10	10	10	10	25	15	10	0	20	100	85	47.62	44.74	47.62	18	16 (tie)
19	44.2615908	-72.49964198	Route 2 Pull-Off	0	5	5	25	25	10	15	10	0	10	100	80	47.62	42.11	47.62	19	16 (tie)
20	44.2871809	-72.44205215	Goddard College Maintenance Garage	10	5	5	10	10	0	35	25	0	5	100	45	47.62	23.68	47.62	20	16 (tie)
21	44.2956369	-72.51624863	Center Rd Field	0	25	10	5	25	0	15	10	0	20	85	85	40.48	44.74	44.74	21	21
22	44.3348271	-72.53232855	Doner Rd Farm	0	5	5	5	25	0	35	10	0	10	90	50	42.86	26.32	42.86	22	22 (tie)
23	44.2995583	-72.55273525	Sparrow Farm Rd	0	10	5	5	10	25	15	25	0	5	90	60	42.86	31.58	42.86	23	22 (tie)
24	44.3044943	-72.44435718	Butterfield Rd and 15	0	5	10	5	25	0	15	25	0	10	90	55	42.86	28.95	42.86	24	22 (tie)
25	44.3231344	-72.55438228	Horn of the Moon Rd	0	10	5	10	10	25	15	10	0	10	85	70	40.48	36.84	40.48	25	25 (tie)
26	44.2576683	-72.51658768	Bobolink Farm	0	10	5	10	10	0	15	25	0	20	85	55	40.48	28.95	40.48	26	25 (tie)
27	44.3043448	-72.48914453	Sodom Pond Brook Corridor	0	10	5	10	10	25	15	10	0	10	85	70	40.48	36.84	40.48	27	25 (tie)
28	44.3329035	-72.53096067	Fitch and Doner	0	5	10	5	10	25	15	10	0	10	85	65	40.48	34.21	40.48	28	25 (tie)
29	44.2984885	-72.49375171	Putnam Rd Ravine	0	25	5	5	25	0	15	25	0	10	85	70	40.48	36.84	40.48	29	25 (tie)
30	44.3178075	-72.52759958	County and Templeton	0	5	5	5	5	25	35	10	0	0	85	45	40.48	23.68	40.48	30	25 (tie)
31	44.2908402	-72.49346886	Dodge Rd	0	10	5	10	10	25	15	10	0	5	80	65	38.1	34.21	38.1	31	31
32	44.2891963	-72.55266863	North St Field	0	10	10	5	25	0	15	10	0	10	75	60	35.71	31.58	35.71	32	32 (tie)
33	44.2995439	-72.43324326	Taylor Farm Rd	0	10	5	5	5	0	35	25	0	0	75	25	35.71	13.16	35.71	33	32 (tie)
34	44.3079784	-72.54110668	North St	0	10	5	5	10	25	15	10	0	5	75	60	35.71	31.58	35.71	34	32 (tie)
35	44.2806714	-72.46663413	L Brown Dr Residential	0	5	10	5	5	0	35	10	0	5	70	30	33.33	15.79	33.33	35	35
36	44.2641983	-72.49964039	Route 2 Landslide	0	10	10	5	10	0	15	10	0	5	55	40	26.19	21.05	26.19	36	36