

## MEMORANDUM

**To:** Rep. Alice Emmons and Rep. Butch Shaw, House Corrections & Institutions  
**From:** Kari Dolan, DEC Program Manager, Clean Water Investment Program  
Rebecca Ellis, DEC Senior Counsel for Governmental Affairs  
**Subject:** DEC's Watershed Project Database - *Go List*  
**Date:** April 4, 2017

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Attached is a list of projects from the Vermont Department of Environmental Conservation's (DEC) Watershed Projects Database that are:

- Eligible for Capital Funds;
- Ready for design and/or construction;
- Necessary for compliance with federal and state water quality law;
- Prioritized for nutrient and sediment pollution abatement; and
- Sponsored by municipalities if the projects involve stormwater pollution control.

The attached "Go List" was generated from the Watershed Projects Database on 3/31/2017. These projects were identified through DEC's Tactical Basin Planning Process. The database is used to track progress and report to the public, the Legislature and the U.S. Environmental Protection Agency on the state's progress in meeting pollution reduction goals. Because the database is constantly growing, the "Go List" is only snapshot in time and will change each time it is printed out.

<b>Sector</b>	<b>Project Type</b>	<b>Count</b>
Stormwater	Stormwater Management – Construction	17
Stormwater	Stormwater Management – Design	118
Stormwater	Stormwater Management – Equipment	3
Roads	Roads: Stormwater Construction	41
Roads	Roads: Stormwater Design	12
Natural Resources	Natural Resources – Restoration Construction	3
Natural Resources	Natural Resources – Restoration Design	10
Natural Resources	Natural Resources – River Corridor Easement	5
<b>Total</b>		<b>209</b>

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To view the Go List on line, visit:

[anrweb.vt.gov/DEC/IWIS/ARK/ARKReportViewer.aspx?Report=ImplementationReady](http://anrweb.vt.gov/DEC/IWIS/ARK/ARKReportViewer.aspx?Report=ImplementationReady)

**Vermont Department of Environmental Conservation (DEC)**  
**Watershed Projects Data Base**  
**Frequently Asked Questions**  
**4/4/2017**

**DEC Watersheds Projects Data Base**

**1. What is the DEC Watershed Projects Data Base?**

The DEC Watershed Projects Database stores projects and actions that are necessary for compliance with federal and state water quality law. DEC uses this data base to track and report on the State's progress in achieving its clean water goals.

To view the Watershed Project Data Base, visit:

<https://anrweb.vt.gov/DEC/IWIS/ARK/ProjectSearch.aspx>

**2. What is the Go List?**

The "Go List" is a subset of projects from the DEC Watershed Projects Data Base that are:

- Eligible for Capital Funds;
- Ready for design and/or construction;
- Necessary for compliance with federal and state water quality laws;
- Prioritized for nutrient and sediment pollution abatement; and
- Sponsored by municipalities if the projects involve stormwater pollution control.

To view the Go List on line, visit:

<https://anrweb.vt.gov/DEC/IWIS/ARK/ARKReportViewer.aspx?Report=ImplementationReady>

**3. Will the "Go List" projects count towards the TMDLs, Act 64 and CSO Policy?**

Yes. The projects on the "Go List" will support and count towards Vermont's compliance with federal and state clean water laws and regulations, including:

- Total Maximum Daily Loads are set by U.S. EPA for Vermont (TMDLs),
- 2015 Act 64, Vermont Clean Water Act (Act 64), and
- 2016 Vermont Combined Sewer Overflow (CSO) Policy.

More information on these laws and regulations is below.

**4. Does the "Go List" include other projects that are not capital-fund eligible?**

The "Go List" includes only those projects that are capital-fund eligible. The "Go List" is a subset of DEC's Watershed Projects Data Base, which includes other projects that may be important to implement, such as stormwater runoff assessments that identify projects for implementation, but that are not capital-fund eligible.

5. **What are Tactical Basin Plans?**

Working with partners, DEC’s Mapping, Assessment and Planning Program staff have developed “tactical basin plans” for each of Vermont’s fifteen watershed basins. The tactical basin plans identify, inventory, and prioritize all possible water quality improvement projects in a watershed. These projects are then implemented using a mix of grants and loans from State and federal funding sources, which vary by sector. The Watershed Projects Database lists all of the projects identified in the Tactical Basin Plans.

<http://dec.vermont.gov/watershed/map/basin-planning>



6. **Does the Go List have projects identified from across the State? It appears that the Go List has more projects from the Lamoille and Missisquoi Bay basins than from other watersheds across the state.**

DEC has Tactical Basin Plans for all fifteen basins in the State. However, DEC relatively recently revised its watershed-based planning process to identify specific projects and actions necessary to protect or restore Vermont’s waters. The first two tactical basin plans using this new process are the Lamoille River Basin Plan and the Northern Lake Champlain Basin Plan.

7. **When will other tactical basin plans be updated?**

DEC updates each of the fifteen Tactical Basin Plans on 5-year cycles. See the following link for the TBP release schedule:

<http://dec.vermont.gov/sites/dec/files/wsm/mapp/docs/MonitoringAssessmentPlanningRotationWeb2016.pdf>

8. **How frequently does DEC update the Go List?**

The Watershed Projects Data Base and the Go List are “living” documents. DEC periodically revises them as projects are identified. Currently, there are over 2,600 projects on the data base.

9. **Who implements the projects on the Go List?**

Municipalities, regional planning commissions, natural resources conservation districts, watershed organizations, lake associations and others use the Tactical Basin Plans to identify priority projects for implementation. DEC’s Clean Water Initiative Program supports these partners through the ecosystem restoration grants program. Other federal and state grant and loan programs may also support these projects.

## **Obligations under the State and Federal Water Quality Laws**

### **10. What is a TMDL?**

TMDL means “Total Maximum Daily Load”, which is a cap on the amount of a pollutant that a waterbody can safely absorb and still meet the State’s water quality standards. The cap, or the maximum amount of that pollutant, is then allocated among the various pollutant sources and locations. (See the Federal Clean Water Act, Section 303(d)).

Vermont waters contribute to pollution, and are therefore subject to TMDLs, for three different water bodies: [Lake Champlain](#) (phosphorus), [Lake Memphremagog](#) (phosphorus), and the [Long Island Sound](#) (nitrogen). Between the Champlain, Memphremagog, and Connecticut River watersheds, 94% of Vermont’s land area is subject to a TMDL.

### **11. How does Act 64 relate to the Lake Champlain TMDL?**

The U.S. EPA approved the 2016 Lake Champlain Phosphorus Total Maximum Daily Load (TMDL) in reliance on the State of Vermont’s Phase I Implementation Plan. Vermont’s Phase I Implementation Plan included various commitments, some of which were enacted into law by 2015 Act 64, which applies to waters statewide, and other commitments that were not enacted into state law, such as the requirement to upgrade wastewater treatment facilities (WWTFs). Some of the Act 64 commitments include:

- Stormwater Permit for Parcels with more than 3-acres of impervious surface
- Municipal Roads General Permit
- State Highway General Roads Permit
- New MS4 Permits
- New Stormwater Rules
- Required Agricultural Practices

Vermont’s Tactical Basin Plans are the State’s Phase II Implementation Plans. The Tactical Basin Plans identify steps and projects that are necessary to satisfy statutory and regulatory clean water requirements.

### **12. What are the most significant source of water pollution to Vermont’s waters?**

The most significant sources of water pollution are stormwater runoff from developed lands, roads, farms and stream channel erosion. Stormwater runoff is mostly associated with rainfall and snowmelt. Nationally and in Vermont, these “nonpoint” sources of pollution are the leading cause of water quality degradation.

ID	Project Name	Sector	Project Type	Step	Towns	Counties	Basin Plan	Estimated Cost
2185	Newport City Main street pull off - Underground chambers Final Design	Stormwater	Stormwater - Final Design	2	Newport City	Orleans	Memphremagog	\$12,000
2186	Derby Town Garage - underground Chambers - Site evaluation and final design	Stormwater	Stormwater - Final Design	2	Derby	Orleans	Memphremagog	\$12,000
2188	Newport State Airport - Gully remediation	Stormwater	Stormwater - Final Design	2	Coventry	Orleans	Memphremagog	\$17,500
2201	Pearl Street Parking Lots Stormwater Retrofit	Stormwater	Stormwater - Final Design	2	St. Johnsbury	Caledonia	Passumpsic	\$8,000
2202	St. Johnsbury School/Kiwanis Pool Gully Armoring Erosion Control	Stormwater	Stormwater - Final Design	2	St. Johnsbury	Caledonia	Passumpsic	
2220	Seminary Street East - bioretention cells	Stormwater	Stormwater - Final Design	2	Middlebury	Addison	Otter Creek	\$20,270
2221	Seminary Street West and northeast corner - bioretention cells	Stormwater	Stormwater - Final Design	2	Middlebury	Addison	Otter Creek	\$31,992
2225	Rutland City - West Street Outfall	Stormwater	Stormwater - Final Design	2	Rutland City	Rutland	Otter Creek	\$683,666
2226	Rotary Park Outfall - Underground Storage Chambers	Stormwater	Stormwater - Final Design	2	Rutland City	Rutland	Otter Creek	\$849,500
2232	town garage treatment	Stormwater	Stormwater - Final Design	2	Fairfield	Franklin	Missisquoi Bay	\$50,000
2243	Hungerford Stormwater Detention Basin and Retrofit	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$979,400
2244	Greenwood Cemetery	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$208,000
2245	St Albans Education center	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$289,455
2248	Maple Street	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$69,958
2249	s. main street infiltration	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$270,818
2250	65-67 Lower Weldon USCIS	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$452,000
2251	South Main St 2	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$80,695
2252	South Main St 3	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$37,120
2253	South main St. 1	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$17,753
2255	SASH/Nason St. connector	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$250,000
2256	Lemnah Drive Stormwater Detention Basin	Stormwater	Stormwater - Final Design	2	St. Albans City	Franklin	North Champlain	\$250,000
2259	Vermont Route 104 I-89 Exit 19 Intersection West Stormwater Treatment	Stormwater	Stormwater - Final Design	2	St. Albans Town	Franklin	North Champlain	\$85,000
2261	Rugg Brook Stormwater Detention Pond near Tanglewood Estates	Stormwater	Stormwater - Final Design	2	St. Albans Town	Franklin	North Champlain	\$180,000
2266	College St	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$513,400
2267	Edmunds School Erosion Repair	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$20,000
2268	Russell Street Bioretention	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$20,000
2274	Englesby Stormwater Detention Pond Retrofit	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$30,000
2275	Locust Street Swirl Separator	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$60,000
2276	Potash Brook Shelburne Road Gravel Wetland	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$1,000,000
2277	N. Decator and Winooski ST stormwater treatment	Stormwater	Stormwater - Final Design	2	Burlington	Chittenden	North Champlain	\$60,000
2331	Pinnacle at Spear Pond A	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$20,170
2333	Brookwood Drive Stormwater Treatment Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$393,763
2336	Butler Drive Culvert replacement	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$500,000

ID	Project Name	Sector	Project Type	Step	Towns	Counties	Basin Plan	Estimated Cost
2337	Bartlett Brook Stormwater Treatment Pond Expansion	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$378,260
2339	Woodcrest Drive	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$182,441
2341	Farrel st Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$13,202
2342	Kennedy Drive retrofit	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$15,000
2343	Bartlett Bay Road culvert replacement	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$280,000
2344	horticulture Farm Bioretention	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$267,800
2345	horticulture Farm detention pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$184,990
2346	Dumont Ave. infiltration Chambers	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$26,800
2347	Picard Circle Infiltration	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$26,800
2351	Whatley Road	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$189,050
2352	Brownell Way-3	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$24,699
2353	Eastwood Commons Pond Expansion	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$25,000
2354	Economou Farm Road	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$25,000
2355	Golf course road south	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$38,494
2356	South Burlington Windsor Court Infiltration Trench	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$27,051
2357	Lindenwood Drive Detention Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$88,966
2358	Park Road Detention Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$93,620
2360	189 Cloverleaf Detention Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	Winooski	\$59,015
2362	Grandview Drive North Detention Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$32,971
2363	Grandview Drive west Detention Pond	Stormwater	Stormwater - Final Design	2	South Burlington	Chittenden	North Champlain	\$35,666
2364	Mahan Farm Stormwater Pond	Stormwater	Stormwater - Final Design	2	Williston	Chittenden	Winooski	\$705,000
2192	Newport City Small Green stormwater infrastructure sites	Stormwater	Stormwater - Implementation	3	Newport City	Orleans	Memphremagog	
2196	Glover Town Office Bioretention swale	Stormwater	Stormwater - Implementation	3	Glover	Orleans	Memphremagog	\$17,534
2200	East Burke Village Green Stormwater Infrastructure Sediment Control Project	Stormwater	Stormwater - Implementation	3	Burke	Caledonia	Passumpsic	\$25,000
2204	St. Johnsbury Town Garage - Erosion Control Project	Stormwater	Stormwater - Implementation	3	St. Johnsbury	Caledonia	Passumpsic	\$15,000
2206	Concord/Gilman Ave Retrofit Remove impervious surface, GSI	Stormwater	Stormwater - Implementation	3	St. Johnsbury	Caledonia	Passumpsic	
2207	Underclyffe Road Gully Stabilization	Stormwater	Stormwater - Implementation	3	St. Johnsbury	Caledonia	Passumpsic	
2306	Nesti Drive Gravel Wetland	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$50,000
2307	Bartlett Brook Central	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$1,000,000
2308	Potash Brook Williston Road Stormwater Pond	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$280,000
2310	Heatherfield Stormwater Detention Pond 1	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$12,000
2311	Heatherfield Stormwater Detention Pond 2	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$12,700
2312	Heatherfield Stormwater Detention Pond 3	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$13,333
2313	Iby Street Gravel Wetlands	Stormwater	Stormwater - Implementation	3	South Burlington	Chittenden	North Champlain	\$72,380

ID	Project Name	Sector	Project Type	Step	Towns	Counties	Basin Plan	Estimated Cost
2318	Williston Stormwater Treatment at Heritage Meadows	Stormwater	Stormwater - Implementation	3	Williston	Chittenden	Winooski	\$40,000
2324	Williston Stormwater Treatment at Tafts Farm	Stormwater	Stormwater - Implementation	3	Williston	Chittenden	Winooski	\$40,000
2330	Williston Central School	Stormwater	Stormwater - Implementation	3	Williston	Chittenden	Winooski	\$140,000
2394	Cambridge Elementary Stormwater Project	Stormwater	Stormwater - Implementation	3	Cambridge	Lamoille	Lamoille	\$29,953
158	Stannard Stormwater Project - Sand Storage	Stormwater	Stormwater - Preliminary Design	1	Stannard	Caledonia	Lamoille	\$20,000
159	Elmore Garage Stormwater Project	Stormwater	Stormwater - Preliminary Design	1	Elmore	Lamoille	Lamoille	\$30,000
160	Belvidere Stormwater Project - Sand Storage	Stormwater	Stormwater - Preliminary Design	1	Belvidere	Lamoille	Lamoille	\$80,000
1051	Greensboro Green Stormwater Infrastructure Project	Stormwater	Stormwater - Preliminary Design	1	Greensboro	Orleans	Lamoille	\$9,000
2171	Clinton Street Combined Sewer Overflow Abatement	Stormwater	Stormwater - Preliminary Design	1	Springfield	Windsor	Black and Ottauquechee	\$680,000
2177	Crosby Brook Stormwater Treatment Practice 1-1	Stormwater	Stormwater - Preliminary Design	1	Brattleboro	Windham	West, Williams and Saxtons	\$689,000
2178	Crosby Brook Stormwater Treatment Practice 1-4	Stormwater	Stormwater - Preliminary Design	1	Brattleboro	Windham	West, Williams and Saxtons	\$236,000
2182	Killington Town Visitor's Center Park & Ride Stormwater Mitigation	Stormwater	Stormwater - Preliminary Design	1	Killington	Rutland	Black and Ottauquechee	\$40,000
2184	Castleton Town Right of Way Stormwater Treatment near Woodard Marine	Stormwater	Stormwater - Preliminary Design	1	Castleton	Rutland	South Champlain	\$10,000
2187	Orleans Park and Ride Infiltration basins	Stormwater	Stormwater - Preliminary Design	1	Barton	Orleans	Memphremagog	\$42,000
2190	Infiltration Chambers on Barton Village public lot on Church Street	Stormwater	Stormwater - Preliminary Design	1	Barton	Orleans	Memphremagog	\$4,000
2191	Mortimer Brown Landing Strip Airport Erosion Control	Stormwater	Stormwater - Preliminary Design	1	Castleton	Rutland	South Champlain	
2193	Newport City Elementary School Gravel wetland and green stormwater infrastructure practices	Stormwater	Stormwater - Preliminary Design	1	Newport City	Orleans	Memphremagog	\$18,914
2194	Kehoe Fishing Access Stormwater Treatment	Stormwater	Stormwater - Preliminary Design	1	Castleton	Rutland	South Champlain	\$8,000
2197	Buttolph Drive gravel wetland combined with Gravel Wetland S28 – S3 (Washington Street Outfall).	Stormwater	Stormwater - Preliminary Design	1	Middlebury	Addison	Otter Creek	\$415,319
2203	St. Johnsbury Academy Retrofit Opportunities	Stormwater	Stormwater - Preliminary Design	1	St. Johnsbury	Caledonia	Passumpsic	\$8,000
2223	Pawlet Town Green/ Town hall - sediment basin and drainage BMPs	Stormwater	Stormwater - Preliminary Design	1	Pawlet	Rutland	South Champlain	\$20,000
2224	Rutland City Hall Parking Lot - Underground Storage Chamber	Stormwater	Stormwater - Preliminary Design	1	Rutland City	Rutland	Otter Creek	\$9,827
2227	Field Avenue Outfall - Gravel Wetland	Stormwater	Stormwater - Preliminary Design	1	Rutland City	Rutland	Otter Creek	\$643,421
2228	State Street Outfall - Bioretention w/Offline Hydrodynamic Separator	Stormwater	Stormwater - Preliminary Design	1	Rutland City	Rutland	Otter Creek	\$643,040
2229	Lincoln Avenue Right-of-Way - Bioretention "Green Street"	Stormwater	Stormwater - Preliminary Design	1	Rutland City	Rutland	Otter Creek	\$78,117
2233	Preville Street Extension - bike path infiltration trench	Stormwater	Stormwater - Preliminary Design	1	Rutland City	Rutland	Otter Creek	\$42,183

ID	Project Name	Sector	Project Type	Step	Towns	Counties	Basin Plan	Estimated Cost
2235	Rutland Northwest Elementary Stormwater Treatment	Stormwater	Stormwater - Preliminary Design	1	Rutland City	Rutland	Otter Creek	\$50,183
2239	Pawlet Community Church - drainage swale and stormwater treatment	Stormwater	Stormwater - Preliminary Design	1	Pawlet	Rutland	South Champlain	\$35,000
2240	Nason St Detention- at Nason & Lemnah	Stormwater	Stormwater - Preliminary Design	1	St. Albans City	Franklin	North Champlain	\$150,000
2241	St. Albans City Stormwater Pond Retrofit at Green Mountain Power	Stormwater	Stormwater - Preliminary Design	1	St. Albans City	Franklin	North Champlain	\$2,129,400
2242	20 Houghton Street	Stormwater	Stormwater - Preliminary Design	1	St. Albans City	Franklin	North Champlain	\$61,000
2247	Governor Smith Drive Stormwater Pond Retrofit	Stormwater	Stormwater - Preliminary Design	1	St. Albans City	Franklin	North Champlain	\$14,780
2254	65 Bishop Street	Stormwater	Stormwater - Preliminary Design	1	St. Albans City	Franklin	North Champlain	\$473,000
2258	Lemnah Drive	Stormwater	Stormwater - Preliminary Design	1	St. Albans Town	Franklin	North Champlain	\$260,000
2260	VT route 104 I-89 exit 19 intersection east	Stormwater	Stormwater - Preliminary Design	1	St. Albans Town	Franklin	North Champlain	\$400,000
2269	South Cove Road Swirl Separator	Stormwater	Stormwater - Preliminary Design	1	Burlington	Chittenden	North Champlain	\$60,000
2270	Elmwood Parking Lot Stormwater Treatment	Stormwater	Stormwater - Preliminary Design	1	Burlington	Chittenden	North Champlain	\$60,000
2271	Pomeroy St. stormwater separation/treatment	Stormwater	Stormwater - Preliminary Design	1	Burlington	Chittenden	North Champlain	\$60,000
2272	Allen st stormwater separation and bioretention bumpout	Stormwater	Stormwater - Preliminary Design	1	Burlington	Chittenden	North Champlain	\$60,000
2278	Burlington International Airport Glyco Treatment System	Stormwater	Stormwater - Preliminary Design	1	South Burlington	Chittenden	Winooski	\$1,000,000
2284	Woodlands Pond retrofit	Stormwater	Stormwater - Preliminary Design	1	Essex	Chittenden	Winooski	\$304,940
2285	Essex Way Stormwater Treatment at Latter-day Saints Church	Stormwater	Stormwater - Preliminary Design	1	Essex	Chittenden	Winooski	\$1,200,000
2286	Harwood Union HS parking lot	Stormwater	Stormwater - Preliminary Design	1	Fayston	Washington	Winooski	\$150,000
2287	Lakeview Terrace Stormwater Project	Stormwater	Stormwater - Preliminary Design	1	Georgia	Franklin	North Champlain	
2293	Old Country Club Road	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$125,000
2294	Hubbard Park Road System	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$175,000
2295	River st (rte302)	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$200,000
2296	Dover st and Phillip St	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$50,000
2297	North st	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$1,000,000
2298	Harrison ST	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$40,000



ID	Project Name	Sector	Project Type	Step	Towns	Counties	Basin Plan	Estimated Cost
2299	Towne st	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$20,000
2300	Northfield Street	Stormwater	Stormwater - Preliminary Design	1	Montpelier	Washington	Winooski	\$110,000
2315	Brennan Woods	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$75,000
2316	Coyote Run	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$30,729
2317	Williston Stormwater Treatment at Golf Links	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$45,000
2319	Williston Stormwater Treatment at Indian Ridge	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$75,000
2320	Meadow and Forest Runs	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$95,000
2322	Williston Stormwater Treatment at Old Stage Estates	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$85,000
2323	South Ridge	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$115,000
2325	Turtle Crossing	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$47,000
2326	Turtle pond	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$15,000
2327	Whitney Hill	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$100,000
2328	Williston Commons	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$130,000
2329	Allen Brook School	Stormwater	Stormwater - Preliminary Design	1	Williston	Chittenden	Winooski	\$20,000
2332	Pinnacle at Spear Pond B	Stormwater	Stormwater - Preliminary Design	1	South Burlington	Chittenden	North Champlain	\$27,110
2334	Pinnacle at Spear Pond 2	Stormwater	Stormwater - Preliminary Design	1	South Burlington	Chittenden	North Champlain	\$21,000
2335	Pinnacle at Spear Pond 3	Stormwater	Stormwater - Preliminary Design	1	South Burlington	Chittenden	North Champlain	\$20,000
2349	Queen city park road detention pond	Stormwater	Stormwater - Preliminary Design	1	South Burlington	Chittenden	North Champlain	\$99,227
2279	Route 127 NW outfall repair	Stormwater	Stormwater/Roads Equipment	3	Burlington	Chittenden	Winooski	\$100,000
2280	Route 127 stormwater outfall repair	Stormwater	Stormwater/Roads Equipment	3	Burlington	Chittenden	Winooski	\$100,000
2281	Gazo Ave outfall repair	Stormwater	Stormwater/Roads Equipment	3	Burlington	Chittenden	Winooski	\$410,000
169	Bog Road (BG05) Ditch Repair	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
170	Bog Road Culvert (BG06)	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
315	Cabot Road Culvert Replacement, Walden	Roads	Road Project - Implementation	3	Walden	Caledonia	Lamoille	\$150,000
1061	Belvidere Road Erosion BG01 Bog RD	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
1062	Belvidere Road Erosion BG04 Bog RD	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
1063	Belvidere Road Erosion BG05 Bog RD	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	

ID	Project Name	Sector	Project Type	Step	Towns	Counties	Basin Plan	Estimated Cost
1064	Belvidere Road Erosion BG06 Bog RD	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
1065	Belvidere Road Erosion BK05 Back Road	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
1066	Belvidere Road Erosion BK06 Back Road	Roads	Road Project - Implementation	3	Belvidere	Lamoille	Lamoille	
1067	Eden Road Erosion SQ01 Square RD	Roads	Road Project - Implementation	3	Eden	Lamoille	Lamoille	
1068	Eden Road Erosion SQ06 Square RD	Roads	Road Project - Implementation	3	Eden	Lamoille	Lamoille	
1069	Eden Road Erosion SQ08 Square RD	Roads	Road Project - Implementation	3	Eden	Lamoille	Lamoille	
1070	Eden Road Erosion SQ09 Square RD	Roads	Road Project - Implementation	3	Eden	Lamoille	Lamoille	
1071	Eden Road Erosion WH02 White Road	Roads	Road Project - Implementation	3	Eden	Lamoille	Lamoille	
1072	Eden Road Erosion WR01 Warren RD	Roads	Road Project - Implementation	3	Eden	Lamoille	Lamoille	
1073	Johnson Road Erosion CH03 Coddington Hollow RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1074	Johnson Road Erosion CH04 Coddington Hollow RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1075	Johnson Road Erosion CH05 Coddington Hollow RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1076	Johnson Road Erosion FX01 Fox Lot RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1077	Johnson Road Erosion PR04 Prospect Rock RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1078	Johnson Road Erosion PR05 Prospect Rock RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1079	Johnson Road Erosion SI 01 Sinclair RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1080	Johnson Road Erosion WA03 Waterman RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1082	Johnson Road Erosion WI01 Wilson RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1083	Johnson Road Erosion WI02 Wilson RD	Roads	Road Project - Implementation	3	Johnson	Lamoille	Lamoille	
1084	Waterville Road Erosion BH05 BEALS HILL RD	Roads	Road Project - Implementation	3	Waterville	Lamoille	Lamoille	
1085	Waterville Road Erosion CH07 CODDINGTON HOLLOW RD	Roads	Road Project - Implementation	3	Waterville	Lamoille	Lamoille	
1086	Waterville Road Erosion HM01 HIGH MDWS	Roads	Road Project - Implementation	3	Waterville	Lamoille	Lamoille	
1088	Waterville Road Erosion LL03 LAPLAND RD	Roads	Road Project - Implementation	3	Waterville	Lamoille	Lamoille	
1089	Waterville Road Erosion OR01 OAKES RD	Roads	Road Project - Implementation	3	Waterville	Lamoille	Lamoille	
1090	Waterville Road Erosion RG02 ROGERS RD	Roads	Road Project - Implementation	3	Waterville	Lamoille	Lamoille	
2205	Lackey Hill Road Erosion Control Project	Roads	Road Project - Implementation	3	St. Johnsbury	Caledonia	Passumpsic	\$40,000
2208	Lemington TODD HILL ROAD Culvert upgrades	Roads	Road Project - Implementation	3	Lemington	Essex	Northern Connecticut	\$16,122
2209	Lemington MILL ROAD Erosion Control project	Roads	Road Project - Implementation	3	Lemington	Essex	Northern Connecticut	\$6,554
2210	Lemington CORR ROAD Erosion Control project	Roads	Road Project - Implementation	3	Lemington	Essex	Northern Connecticut	\$17,803
2211	Lemington FRIZELL ROAD Ditch Stabilization	Roads	Road Project - Implementation	3	Lemington	Essex	Northern Connecticut	\$7,352
2215	Concord - Prospect Street turn out and ditching	Roads	Road Project - Implementation	3	Concord	Essex	Passumpsic	\$9,577
2217	Concord - South Street Ditching and plunge pool	Roads	Road Project - Implementation	3	Concord	Essex	Passumpsic	
2282	Pleasant Street	Roads	Road Project - Implementation	3	Duxbury	Washington	Winooski	

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2283	Crossett Hill Road	Roads	Road Project - Implementation	3	Duxbury	Washington	Winooski	\$35,000
2391	Baltimore Road - Replace culvert	Roads	Road Project - Implementation	3	Weathersfield	Windsor	Black and Ottauquechee	\$180,000
96	Low-Armored Crossing for Scribner Bridge over Gihon River	Roads	Road Project - Preliminary Design	1	Johnson	Lamoille	Lamoille	\$75,000
1087	Waterville Road Erosion HM02 HIGH MDWS	Roads	Road Project - Preliminary Design	1	Waterville	Lamoille	Lamoille	
1996	I-89 Eroding Access Road, Milton	Roads	Road Project - Preliminary Design	1	Milton	Chittenden	Lamoille	
2288	Brook road	Roads	Road Project - Preliminary Design	1	Middlesex	Washington	Winooski	\$4,962
2289	Center Road	Roads	Road Project - Preliminary Design	1	Middlesex	Washington	Winooski	\$18,760
2290	McCullough Rd	Roads	Road Project - Preliminary Design	1	Middlesex	Washington	Winooski	\$12,943
2291	West Hill Rd (location 1)	Roads	Road Project - Preliminary Design	1	Middlesex	Washington	Winooski	\$4,942
2292	West Hill Rd (location 2)	Roads	Road Project - Preliminary Design	1	Middlesex	Washington	Winooski	\$3,757
2301	McGibbons Road	Roads	Road Project - Preliminary Design	1	Moretown	Washington	Winooski	
2302	Williams Road	Roads	Road Project - Preliminary Design	1	Moretown	Washington	Winooski	
2304	Cobb Hill Road	Roads	Road Project - Preliminary Design	1	Moretown	Washington	Winooski	\$12,000
2305	Farnham Road	Roads	Road Project - Preliminary Design	1	Moretown	Washington	Winooski	
2162	Adams Brook Stream Bank and Floodplain Restoration	Natural Resources	Floodplain/Stream Restoration - Implementation	3	Windham County, Newfane	Windham	West, Williams and Saxtons	
2169	Pouliot Avenue Stormwater Mitigation	Natural Resources	Floodplain/Stream Restoration - Implementation	3	Barre Town, Barre City	Washington	Winooski	\$83,518
2176	Crosby Brook Erosion Stabilization	Natural Resources	Floodplain/Stream Restoration - Implementation	3	Brattleboro	Windham	West, Williams and Saxtons	\$37,000
2159	Rock River Floodplain Restoration	Natural Resources	Floodplain/Stream Restoration - Preliminary Design	1	Highgate	Franklin	Missisquoi Bay	\$60,000
2180	Lincoln Street gully remediation	Natural Resources	Floodplain/Stream Restoration - Preliminary Design	1	Springfield	Windsor	Black and Ottauquechee	\$25,000
2181	Hartland floodplain restoration and riparian buffer restoration	Natural Resources	Floodplain/Stream Restoration - Preliminary Design	1	Hartland	Windsor	Black and Ottauquechee	
2212	Maidstone Lake Lakeshore restoration project - Ingerson	Natural Resources	Lake Shoreland - Design	2	Maidstone	Essex	Northern Connecticut	
2213	Maidstone Lake Sediment Control project - Mazzonna	Natural Resources	Lake Shoreland - Design	2	Maidstone	Essex	Northern Connecticut	
2214	Maidstone Lake Bank Stabilization project - Reed	Natural Resources	Lake Shoreland - Design	2	Maidstone	Essex	Northern Connecticut	
2121	Bedell Brook River Corridor Easement - Morristown	Natural Resources	River Corridor Easement - Design	2	Morristown	Lamoille	Lamoille	\$30,000
2237	Westfield Mill Brook Project	Natural Resources	River Corridor Easement - Design	2	Westfield	Orleans	Missisquoi Bay	\$36,930

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1614	Richford R18c River Corridor Easement	Natural Resources	River Corridor Easement - Implementation	3	Richford	Franklin	Missisquoi Bay	\$71,000
2366	Browns River Corridor Easement - M15 - Jericho	Natural Resources	River Corridor Easement - Implementation	3	Jericho	Chittenden	Lamoille	\$55,000
2367	White River River Corridor Easement - R22-S2.01 - Route 100 - Hancock	Natural Resources	River Corridor Easement - Implementation	3	Hancock	Addison	White	\$30,000
2368	White River River Corridor Easement - Route 107 - Stockbridge	Natural Resources	River Corridor Easement - Implementation	3	Stockbridge	Windsor	White	\$30,000
2369	Green River River Corridor Easement - Guilford	Natural Resources	River Corridor Easement - Implementation	3	Guilford	Windham	Deerfield	\$55,000
2126	Mud Brook Dam Removal - Morristown	Natural Resources	Structure/Dam Removal - Preliminary Design	1	Morristown	Lamoille	Lamoille	\$10,000
2173	Pingree Flats Wetland Restoration	Natural Resources	Wetland Restoration - Design	2	Plymouth	Windsor	Black and Ottauquechee	