

# Clean Water Project Explorer



## About the Project Explorer

The Clean Water Project Explorer is an interactive application that displays clean water project information including, funding, results and nutrient reductions from the State of Vermont's clean water tracking database. Users can search clean water project data from six state agencies and download individual project reports. The Explorer complements the Vermont Clean Water Initiative 2019 Performance Report containing projects funded or completed from State Fiscal Year (SFY) 2016 to 2019. In addition, the Explorer includes potential projects in various stages of development identified through Tactical Basin Planning and listed in the Watershed Projects Database (WPD).

Clean Water Project Explorer: <https://anrweb.vt.gov/DEC/cleanWaterDashboard/projectExplorer.aspx>

Vermont Clean Water Initiative 2019 Performance Report: <https://dec.vermont.gov/water-investment/cwi/projects>

## Explorer Functions

Access details of clean water projects funded by state agencies through a search engine and an interactive map.

1

Clean Water Project Explorer <<  
Project Status

Potential Projects | Projects In Progress | **Completed Projects**

Keyword: ex. storm water pond

Sector: [Dropdown]

Step: [Dropdown]

Type: [Dropdown]

Agency: [Dropdown]

County: [Dropdown]

Include Multi County Projects

Town: [Dropdown]

Basin: [Dropdown]

Include Multi Basin Projects

WPD ID: [Text Box]

1

A multiple parameter search tool searchable by "Potential", "In Progress", or "Completed" project status. Filter results further by using a keyword, location, type, step (e.g. design), or agency.

2

**List View:** Displays a summary of information on each project meeting search criteria. Click teal title to view an individual project report.

3

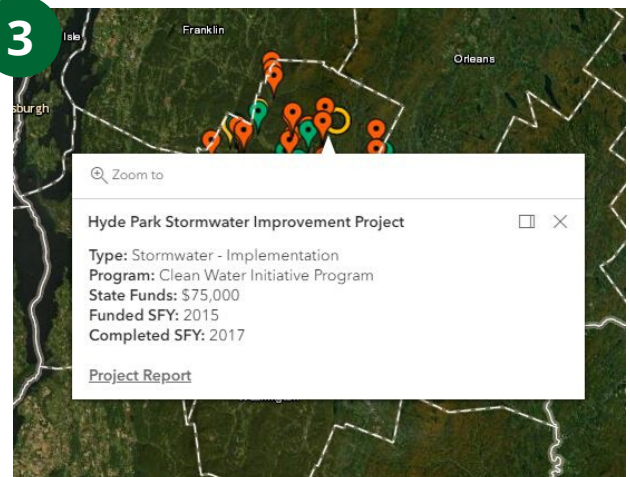
**Map View:** Displays projects as points on a map meeting search criteria. Click on pins to view project information. Select "Project Report" to view an individual project report (see reverse).

2

Project Listing Export to CSV

<b>LIDAR Mapping of the State of Vermont, Next Phase to Support Agriculture, Stormwater, River, and Forest Road Mapping</b> Project Type: Mapping and Analytical Support Program: ACCD Vermont Center for Geographic Information - Agency of Commerce and Community Development Partner: Vermont Center for Geographic Information County: Addison, Bennington, Franklin Basin: Batten Kill, Wallamoosac and Hoosic, Lamolle, Missisquoi Bay, North Champlain, Otter Creek, South Champlain Funded SFY: 2018 Completion SFY: 2020 State Funds: \$460,000
<b>Community Based Riparian Restoration and Recreation Enhancement Project</b> Project Type: River - Planting Program: Vermont Fish and Wildlife Watershed Grants - Agency of Natural Resources Partner: Vermont River Conservancy County: Statewide Basin: Statewide Funded SFY: 2016 Completion SFY: 2017 State Funds: \$8,750
<b>Valley Quest Watershed Institute and Curriculum</b> Project Type: Education & Outreach Program: Vermont Fish and Wildlife Watershed Grants - Agency of Natural Resources Partner: Valley Quest County: Statewide Basin: Statewide Funded SFY: 2016 Completion SFY: 2017 State Funds: \$5,000
<b>Widening Circles: Expanding the Effectiveness of Lake Protection Strategies</b> Project Type: Lake Shoreland - Education & Outreach Program: Vermont Fish and Wildlife Watershed Grants - Agency of Natural Resources Partner: Federation of Vermont Lakes and Ponds County: Statewide Basin: Statewide Funded SFY: 2016 Completion SFY: 2016 State Funds: \$6,000

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# Project Report Pages

Municipal Wastewater Improvements – Construction  
**St. Albans City – Wastewater Treatment Facility Upgrade –**

Water Quality Sampling  
**Water Quality Monitoring - Tributary monitoring- Memphremagog**

Lake Shoreland - Implementation  
**Lake Wise Practice Implementation- Lake Carmi, Franklin**

Agricultural Pollution Prevention - Implementation  
**Cover Crop**

Stormwater - Implementation  
**Hyde Park Stormwater Improvement Project**  
 AGENCY OF NATURAL RESOURCES

Town of  
 County of  
 Water  
 State  
 Funding  
 Description  
 Capacity  
 Refuse  
 Treatment  
 Partner  
 Part

**State** Towns: Hyde Park  
**Fund** County: Lamoille  
**Desc** Watershed: Lamoille  
**Fund** State Funding: \$75,000  
**Funding Source:** Capital Fund  
**Description:** This project, located in the Town of Hyde Park, seeks to reduce nutrient and sediment loading and increase nutrient and sediment storage by targeting two major stressors; land erosion and nutrient loading, as outlined in the Vermont Surface Water Management Strategy. The project includes both the design and construction of the following stormwater management practices: stabilizing a headcut on a private Depot Street culvert, restoring an eroded gully on Depot Street, and constructing a bioretention area on Morey Road.  
**Partner:** Lamoille County Conservation District



Erosion  


*An eroded gully on Depot Street in Hyde Park before restoration.*



*The restored gully on Depot Street after constructing and post-planting.*



**Project Status:**  
 Funded SFY 2015  
 Completed SFY 2017

**Results:**

- 4.4 Acres of existing impervious surface treated
- 1 Final designs completed
- 3.46 kg of phosphorous reduced annually, over 20 years

Data  
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Data Source: <https://dec.vermont.gov/water-investment/cwi/projects>  
 For more information visit: <https://dec.vermont.gov/water-investment/cwi>

