

Vermont Clean Water Board Meeting Minutes

Date/Time: Friday, December 21, 2018, 2:00-4:00 pm

Location: Agency of Transportation, Dill Building, 2178 Airport Road, Berlin VT

Clean Water Board Members/Designees:

Susanne Young, Agency of Administration (AoA) Secretary and Clean Water Board Chair

Ted Brady, Agency of Commerce and Community Development (ACCD) Deputy Secretary (filling in for Michael Schirling)

Bob Flint, public member

Joe Flynn, Agency of Transportation (VTrans) Secretary

Jim Giffin, public member

Chris Louras, public member (absent)

Julie Moore, Agency of Natural Resources (ANR) Secretary

Anson Tebbetts, Agency of Agriculture, Food and Markets (AAFM) Secretary

Chad Tyler, public member

Attendees:

Diane Bothfeld (on phone), AAFM

Rebecca Ellis, DEC

Ernie and Andrea Englehardt, Lake Carmi
Camper's Association (LCCA)

Jordyn Geller, DEC

Peter Gregory, Two River-Ottawaquechee Regional
Commission (TRORC)

Allison Lewis, DEC

Marli Rupe, DEC

Sue Scribner, VTrans

I. Review of Agenda, Approval of Minutes (2:03 pm)

Agency of Administration Secretary and Clean Water Board Chair, Susanne Young

- 10/31/2018 Meeting minutes approved
- 11/30/2018 Meeting minutes approved by Joe Flynn, Julie Moore seconds

II. Property Transfer Tax Surcharge Receipts Revenue Projection

Agency of Administration Secretary and Clean Water Board Chair, Susanne Young

- See supporting materials: *Property Transfer Tax Surcharge Receipts Revenue Projections, Email 12/4/2018*
- No action required
- Question raised by James Giffin on revising estimated funds available for next FY20
- Motion suggested by James Giffin for a \$1 million placeholder for FY20 for any additional revenue above the current budgeted amount
- Julie Moore seconds, all in favor

III. Review FY2020 Draft Budget (2:20 pm)

Agency of Natural Resources Secretary, Julie Moore and DEC Deputy Secretary, Rebecca Ellis

- See supporting materials: *FY20 DRAFT Clean Water Budget 12/13/2018*
- Line Item #19 (Program Audit): The \$100,000 is a place holder, open to discussion
- Line Item #5: Previously labeled as Agriculture, changed to Natural Resources as a reflection of VHCB's work and the breakdown of project

- The Board discussed the statute on Page 11, Susanne Young questioned if the audit will be before January 2021; Julie Moore noted that members may want to make further adjustments based on the SurveyMonkey results

FY16-20 Summary

- See supporting materials: *FY16-FY20, 5-year comparison, 12/13/2018*
- Line Item #3: Why is agriculture increasing their staff allocation by 33% covered by the Clean Water Fund? Are staff increasing by 33%? It seems like a cost shift from the general fund to the Clean Water Fund (James Giffin); Marcie Hodgdon explained that there was prior carryover and not an increase in staff
- Updated Page 21: Combined clean water bill and capital state fund revenues; Rebecca Ellis explained that in the capital bill section, those numbers are still showing FY19 capital numbers, which will drop out

IV. Review Survey Monkey Results on FY20 Draft Budget (2:45 pm)

DEC Deputy Secretary, Rebecca Ellis

- See supporting materials: *FY2020 Clean Water Fund Budget Survey Monkey Results (November-December 2018)*
- Received multiple comments from the audience as well as in emails that the survey was confusing; suggestion from Rebecca Ellis to use a different platform than Survey Monkey in the future; Board members discussed the possibility of hosting a couple of public hearings around the state, in addition to the survey
- Survey monkey comments included:
 - Focus on 1 or 2 areas rather than spread funds around; discussion detailed how the amount of funding is based on the TMDL and Act 73 priorities
 - When is the EPA going to say we have enough revenues? Response from Secretary Young: The Administration is working on the budget at this time and the next report will have further information; last year's EPA "report card" indicated that the State had achieved 25 of 28 items, and we are hoping all will be met by July (including developing long-term funding)

V. Public and General Comments (3:03 pm)

- Ernie Englehardt (LCCA) curious about the evaluation of projects to achieve water quality benefits; he questioned if the audit looked at phosphorus reduction or if it is an evaluation on the number of projects; Susanne Young clarified that the audit looks at how valuable and effective the projects have been; Rebecca Ellis commented that the Investment Report will answer this and it is clearly intended to be an analysis of our effectiveness and if investments are making water quality improvements
- Andrea Englehardt (LCCA) commented on the units used in the survey, people had to figure units out on their own because there weren't units on a vertical scale; she noted that the information given in the survey was helpful but didn't match up with the questions; Andrea raised concerns on the Act 73 recommendation to spend more money on municipal than agriculture; Rebecca Ellis explained that it is the amount of state funding recommended for municipalities and there is a lot packed into that municipal line, which is why those numbers are so high; Angela then questioned if the municipal overflow was more of a problem for the lake than agriculture; Julie Moore clarified it is an all-in approach, and it just so happens municipal investments are more expensive; the combination of expense and timeline makes the municipal bar so high
- Peter Gregory (TRORC) requested that we further invest in basin planning, to create better projects moving forward; he commented that investing in the foundation of basin planning is the best bang for the buck; he also noted that not all organizations in the state are given funding to support their participation

(for example, watershed groups cannot access funding provided to Regional Planning Commissions and Natural Resources Conservation Districts to assist in basin planning)

- Peter Gregory also commented that the funding to the Better Connections program is not the best use of dollars; VTrans could use other funds for this effort

VI. Discuss and Finalize FY20 Budget (3:17 pm)

Agency of Administration Secretary and Clean Water Board Chair, Susanne Young

- Susanne Young entertained a motion to approve the budget as submitted on Page 11.
 - Julie Moore approved, Joe Flynn seconds
- The board discussed an amendment to drop the line audit from \$125,000 to \$25,000.
- Move to amend the budget as follows:
 - Line Item #6: \$2,555,000
 - Line Item #19: \$25,000
 - Line Item #21: \$6,000,000
 - Line Item #22: FY19 carry over up to \$1,100,000 (new line)
- Total anticipated revenues are \$7.1 million with the two lines added, as of December 21st.
- Motion to approve the budget
 - So, moved, Julie Moore, Joe Flynn seconds move, all in favor

VII. Closing Remarks (3:42 pm)

Agency of Administration Secretary and Clean Water Board Chair, Susanne Young

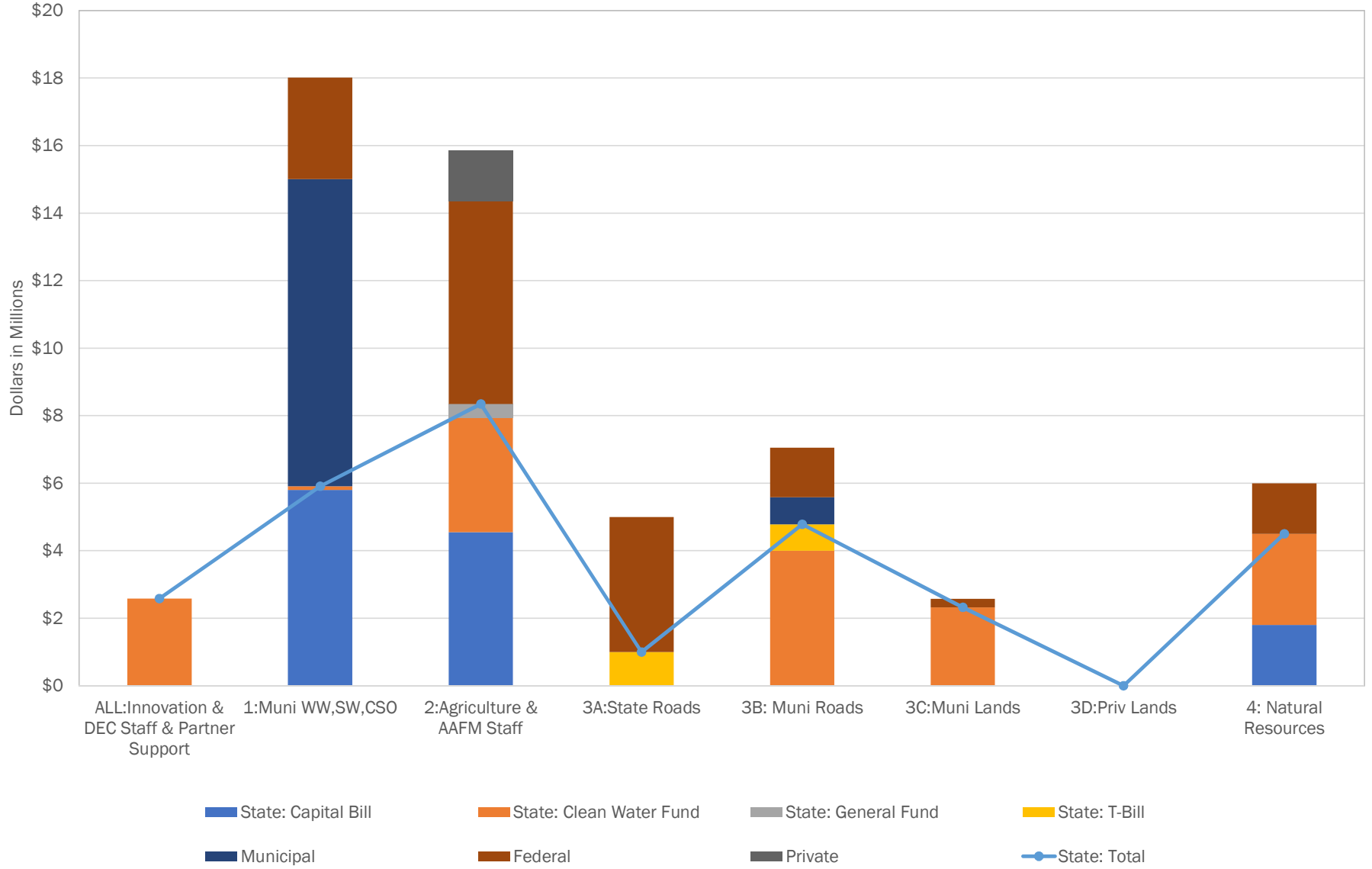
- For next meeting in January, there will be update of governor's budget, take the approved FY20 budget and work it into the big bill. This can be a conference call.
- The week after January 24, there will be a presentation on Clean Water Initiative Investment Report with Q&A. Melissa will be in touch with a January date.

Adjourn (3:47)

CLEAN WATER BOARD
SFY 2020 GOVERNOR'S BUDGET (1/24/2019)

No.	Sector	Agency	Activity	Clean Water Funds	Capital Bill FY20	Total
1	Agriculture	AAFM	Agronomy Conservation Assistance Program (ACAP)	235,000	-	235,000
2	Agriculture	AAFM	Water Quality Grants to Partners and Farmers	2,600,000	3,450,000	6,050,000
3	Agriculture	AAFM	Operating	550,000	-	550,000
4	Agriculture	VHCB	Agricultural Water Quality Projects	-	1,100,000	1,100,000
5	Nat'l Resources	VHCB	Land Conservation and Water Quality Projects	-	1,700,000	1,700,000
6	Innovation	All	Multi-Sector Innovation, DEC and Partner Support	2,555,000	-	2,555,000
7	Nat'l Resources	ANR-DEC (CWIP)	Natural Resources Restoration	2,650,000	-	2,650,000
8	Nat'l Resources	ANR-DEC (CWIP)	Lakes in Crisis Fund	50,000	50,000	100,000
9	Nat'l Resources	ANR-FPR	Forestry/Skidder Bridges		50,000	50,000
10	Roads	ANR-DEC (CWIP)	Municipal Roads Grants-in-Aid	3,200,000	-	3,200,000
11	Roads	VTrans	Municipal Better Roads	800,000	-	800,000
12	Stormwater	ANR-DEC (CWIP)	Municipal Stormwater Project Planning & Implt'ion	2,000,000	-	2,000,000
13	Stormwater	AoA	Stormwater Utility Payments (\$25K each)	125,000	-	125,000
14	Stormwater	ACCD	Better Connections (Stormwater planning)	100,000	-	100,000
15	Stormwater	ACCD	Downtown Trans Fund (Stormwater Best Mgt. Practices)	100,000		100,000
16	Wastewater	ANR-DEC	Wastewater Treatment Facility operators support	110,000	-	110,000
17	Wastewater	ANR-DEC (FED)	Clean Water State Revolving Fund (CWSRF)	-	2,500,000	2,500,000
18	Wastewater	ANR-DEC (FED)	Municipal Pollution Control Grants	-	3,300,000	3,300,000
19	Audit	AoA	Program Audit (10 V.S.A. § 1389b)	25,000	-	25,000
20			Total Requested	15,100,000	12,150,000	27,250,000
21			FY20 Anticipated Revenue Projection as of Dec. 21, 2018	6,000,000	12,150,000	18,150,000
22			FY19 Carry-Over Estimate as of Dec. 21, 2018	1,100,000		
23			FY20 Gap (Line 23 = 20 - 21 - 22) as of Jan. 24, 2019	8,000,000		

SFY 2020 Governor's Clean Water Budget (January 24, 2019)
 Capital \$12M, Clean Water Fund \$15M
 Compared to other potential funding sources (state, federal, municipal, private)



CLEAN WATER BOARD
SFY 2020 GOVERNOR'S BUDGET (1/24/2019)

No.	Sector	Agency	Activity	Clean Water Funds	Capital Bill FY20	Total	
1	Agriculture	AAFM	Agronomy Conservation Assistance Program (ACAP)	235,000	-	235,000	Administrator: Increased CWF cell by \$550k, decreased capital cell by \$550K.
2	Agriculture	AAFM	Water Quality Grants to Partners and Farmers	2,600,000	3,450,000	6,050,000	Administrator: Increased CWF cell by \$2.2M, from \$450K to \$2.65M; decreased capital cell by \$2.2M, from \$2.2M to \$0.
3	Agriculture	AAFM	Operating	550,000	-	550,000	
4	Agriculture	VHCB	Agricultural Water Quality Projects	-	1,100,000	1,100,000	
5	Nat'l Resources	VHCB	Land Conservation and Water Quality Projects	-	1,700,000	1,700,000	
6	Innovation	All	Multi-Sector Innovation, DEC and Partner Support	2,555,000	-	2,555,000	Administrator: Reduced CWF cell by \$500K, from \$3.7M to \$3.2M. This will be offset by \$500K in Vtrans Municipal Mitigation Funds.
7	Nat'l Resources	ANR-DEC (CWIP)	Natural Resources Restoration	2,650,000	-	2,650,000	
8	Nat'l Resources	ANR-DEC (CWIP)	Lakes in Crisis Fund	50,000	50,000	100,000	Administrator: Reduced CWF cell by \$600K, from \$1.4M to \$0.8M. This will be offset by \$600K in Vtrans Municipal Mitigation Funds.
9	Nat'l Resources	ANR-FPR	Forestry/Skidder Bridges	-	50,000	50,000	
10	Roads	ANR-DEC (CWIP)	Municipal Roads Grants-in-Aid	3,200,000	-	3,200,000	
11	Roads	VTrans	Municipal Better Roads	800,000	-	800,000	Administrator: Increased CWF cell by \$100K, from \$0 to \$100K; decreased capital cell by \$100K, from \$100K to \$0K.
12	Stormwater	ANR-DEC (CWIP)	Municipal Stormwater Project Planning & Impl'tion	2,000,000	-	2,000,000	
13	Stormwater	AoA	Stormwater Utility Payments (\$25K each)	125,000	-	125,000	
14	Stormwater	ACCD	Better Connections (Stormwater planning)	100,000	-	100,000	Administrator: Increased CWF Request by 1.75M, from \$13.35M to \$15.10M.
15	Stormwater	ACCD	Downtown Trans Fund (Stormwater Best Mgt. Practices)	100,000	-	100,000	
16	Wastewater	ANR-DEC	Wastewater Treatment Facility operators support	110,000	-	110,000	
17	Wastewater	ANR-DEC (FED)	Clean Water State Revolving Fund (CWSRF)	-	2,500,000	2,500,000	Administrator: Decreased capital allocation by \$2.85M, from \$15M to \$12.15M. This will be offset by an increase of \$1.1M in Vtrans Municipal Mitigation Funds and \$1.75M in Clean Water Fund.
18	Wastewater	ANR-DEC (FED)	Municipal Pollution Control Grants	-	3,300,000	3,300,000	
19	Audit	AoA	Program Audit (10 V.S.A. § 1389b)	25,000	-	25,000	
20			Total Requested	15,100,000	12,150,000	27,250,000	
21			FY20 Anticipated Revenue Projection as of Dec. 21, 2018	6,000,000	12,150,000	18,150,000	
22			FY19 Carry-Over Estimate as of Dec. 21, 2018	1,100,000			
23			FY20 Gap (Line 23 = 20 - 21 - 22) as of Jan. 24, 2019	8,000,000			Administrator: Increase in FY20 CWF Gap by \$1.75M, from \$6.25M to \$8M

CLEAN WATER FUNDING IN STATE BUDGET				FY20 Governor's Budget 01/24/19			
	(FY16+FY17)/2	FY18	FY19	Clean Water Fund	Capital Bill	Transportation Bill	FY20
Capital Bill (FY16-20) and Clean Water Fund (FY20)							
AAFM BMP & CREP Grants & Contracts	\$ 1,900,000	4,050,000	3,615,000	2,835,000	3,450,000		6,285,000
AAFM Operational Funds	\$ 450,000	375,000	375,000	550,000			550,000
Aeration System at Lake Carmi	\$ -	-	-				
Phosphorus removal equipment at dairy farms	\$ -	-	1,400,000				
DEC Clean Water State Revolving Fund (SRF)	\$ 1,200,000	1,000,000	1,200,000		2,500,000		2,500,000
DEC Ecosystem Restoration Grants/Lake Carmi aerator	\$ 3,730,000	6,000,000	8,850,000	8,010,000	100,000		8,110,000
DEC Lake Carmi aerator	\$ -	-	200,000				
DEC Municipal Pollution Control Grants (prior)	\$ 17,500	2,982,384	-				
DEC Municipal Pollution Control Grants (new)	\$ 1,653,250	2,704,232	4,040,000		3,300,000		3,300,000
VTrans Municipal Mitigation Program/Better Roads	\$ -	1,400,000	2,400,000	800,000			800,000
VHCB: water quality projects	\$ 1,875,000	2,800,000	2,750,000		1,700,000		1,700,000
VHCB: farm grants or fee purchase water quality projects	\$ -	1,000,000	1,100,000		1,100,000		1,100,000
ACCD Pilot Project Downtown Transportation Stormwater	\$ -	-	100,000	200,000			200,000
Stormwater Utility Support (5 x \$25,000) - through AoA	\$ -	-	-	125,000			125,000
Statewide Innovation & DEC & Partner Support	\$ -	-	-	2,555,000			2,555,000
Audit required by 10 VSA 1389b	\$ -	-	-	25,000			25,000
	\$ 10,825,750	\$ 22,311,616	\$ 26,030,000		12,150,000	-	12,150,000
Clean Water Fund	\$ 4,800,000	4,000,000	4,000,000	15,100,000			15,100,000
Transportation Bill							
State Highway Compliance (includes federal funds ~80%)	\$ 5,225,000	4,850,000	5,000,000			5,000,000	5,000,000
Section 14: Transportation Alternatives (for stormwater)	\$ 1,100,000	2,200,000	2,200,000				
Section 8: Municipal Mitigation/Better Roads	\$ 840,000	1,240,000	1,240,000			828,000	828,000
Section 8: Municipal Mitigation from Federal Hgwy STBG Fund	\$ 190,000	5,442,342	5,442,342			1,428,000	1,428,000
	\$ 7,355,000	\$ 13,732,342	\$ 13,882,342	-	-	7,256,000	7,256,000
Appropriations Bill							
DEC Federal match pass through for DEC Clean Water SRF	\$ 10,000,000	10,000,000	10,000,000				10,000,000
DF&W Watershed Grants Program	\$ 35,000	35,000	35,000				35,000
AAFM Farm Agronomic Practices Program, WQ Grants/Contracts	\$ 447,000	\$ 447,000	412,000				412,000
Federal Lake Champlain Appropriations passing through State Budget	\$ -	-	3,452,000				3,400,000
GRAND TOTAL	\$ 33,462,750	\$ 50,525,958	\$ 57,811,342	\$ 15,100,000	\$ 12,150,000	\$ 7,256,000	\$48,353,000

¹ Carryforward from two years (FY16 & FY17) of program development and staff onboarding allowed for a reduction in appropriations in FY18 & FY19 to \$375,000 each year.

² FY19: \$2,110,000 (ERP standard) + \$50,000 (forest skidders) + \$1,600,000 (Lake Carmi) + \$2,000,000 (block grants)+ \$3,090,000 (muni roads)
 FY20: CWF =Natural Resources (\$2,650,000)+Lakes in Crisis (\$50,000)+Muni Roads (\$3,200,000)+Muni SW (\$2,000,000)+WWTF Optimization (\$110,000)

³ FY20 Innovation: \$1,000,000 innovation grants, \$300,000 DEC innovation initiative; \$1,255,000 DEC partner support

⁴ VTrans does not have a separate line-item for clean water compliance. Assumes

For Vtrans state highway compliance, includes project development, construction, O&M and FTEs.

⁵ While no funding is set aside for stormwater, municipalities may apply for stormwater funding through a competitive process along with other eligible project types such as bicycle and pedestrian facilities.

⁶ Transportation Bill amount for Better Roads includes \$500,000 in state funds for construction projects and \$328,000 in federal funds for road erosion inventories.

⁷ Most of this appropriation is a federal pass-through. CWSRF loans will be repaid by municipalities.

⁸ Assumes FFY18 federal appropriation will be extended to FFY19.

In FY18, Vermont has appropriated \$51 million for clean water projects (state and federal funds).

In FY19, Vermont has appropriated \$58 million on clean water efforts (state and federal funds).

Over 2 years, this represents an increase of \$48 million over baseline spending, or \$24 million average annual increase (state and federal funds).

ENVIRONMENTAL PROTECTION

Clean Water Fund and Capital Bill Appropriations FY20



- **WHAT:** The Clean Water Fund was established by Act 64 of 2015 for the purpose of providing additional state funds to help municipalities, farmers, and others implement actions that will reduce pollution washing into Vermont's rivers, streams, lakes, ponds, and wetlands.

Current law revenues dedicated to the Clean Water Fund include:

- Approximately \$5 million per year generated from a 0.2% surcharge on the property transfer tax (PTT); and
- Approximately \$2 million per year (\$1 million in FY20 because only 6 months) in unclaimed beverage container deposits remitted to the State.

The Governor has proposed a multi-year transition to dedicating estate tax revenues to the fund, beginning with \$8 million in FY20. With this additional source of revenue in FY20, \$15 million will be available for allocation from the Clean Water Fund.

- **CLEAN WATER BOARD:** Current law requires the Clean Water Board to recommend to the Secretary of Administration expenditures from the Clean Water Fund and to allocate the clean water projects appropriated for that purpose in the Capital Bill.
- **CLEAN WATER FY20 BUDGET:** At its December 21, 2018 meeting, the Clean Water Board recommended that a total of \$28.35 million from the Clean Water Fund and proposed FY20 Capital Bill be appropriated as follows:
 - \$9.64 million for work in the agricultural sector, including \$2.8 million for land conservation and water quality project work by VHCB
 - \$2.55 million for innovation and partner support
 - \$2.8 million for natural resources restoration
 - \$7.45 million to manage stormwater runoff from developed land and roads
 - \$5.91 million for wastewater treatment
 - \$25,000 to start work on a statutorily required clean water audit
- **GOVERNOR'S RECOMMENDED FY20 CLEAN WATER ALLOCATIONS:** The Governor's proposed budget allocated the \$28.35 million as recommended by the Clean Water Board. The Governor was, however, able to reduce reliance on the capital bill by \$2.85 million. The Governor's recommended state revenue sources to fund the \$28.35 million allocation are as follows:
 - \$12.15 million in Capital Funds
 - \$15.1 million in Clean Water Funds
 - \$1.1 million in the Transportation Bill

With an additional \$19.26 million in federal funding being leveraged by our state dollars, approximately \$47.61 million in state and federal funds are allocated to clean water projects.

###

ENVIRONMENTAL PROTECTION

Clean Water Funding – Long Term Approach



- **WHAT:** The Governor is committed to providing long-term funding for funding clean water programs. The Administration proposes to fund clean water efforts with a suite of existing revenue sources – primarily the estate tax and the property transfer tax. The combination of these revenue sources provides a predictable stream of funding on an annual basis which, in turn, provides consistency that partners can rely on in developing and implementing clean water projects.

It is anticipated that Vermont’s total clean water appropriations will increase from \$47.61 million in FY20 to between \$50-60 million per year by FY24 and be sustained at this level for 20 years in order to fulfill the commitments made in Act 64. The suite of revenue sources will include: Clean Water Funds; Capital Bill appropriations; and, Transportation Bill appropriations. In turn, these funds will be used to leverage additional federal dollars that flow through the state budget, primarily thru the Clean Water State Revolving Fund (SRF) and Federal Highway Surface Transportation Block Grant (STBG) Fund, for clean water work.

The anticipated allocations from these sources are anticipated as follows:

- Clean Water Fund: \$25-28 million/year
- Capital Bill: \$10-12 million/year
- Transportation Bill: \$5 million/year
- Leveraged federal funds: \$10-12 million/year

The revenue sources that have been identified to ensure the Clean Water Fund is sustained at this level are:

- Property Transfer Tax (PTT) 0.2% surcharge: \$5 million/year
 - Unclaimed beverage container deposits (escheats): \$2 million/year
 - Estate Tax: \$8-11 million/year
 - Additional PTT allocation to clean water: \$10 million/year
- **WHY:** The quality of Vermont’s rivers, streams, ponds and lakes, and our natural environment as a whole, is one reason Vermont is the healthiest state in the nation and offers such a high quality of life that keeps and attracts families and jobs.

Over the next 20 years, Vermont – both the public and private sectors – will need to invest \$2.3 billion to meet federal and state clean water goals.¹ This effort will require the construction and on-going stewardship of thousands of water quality projects across the landscape. Some projects will be required by permits or regulations, while others will be “above and beyond” or non-regulatory activities that are necessary to restore and maintain the quality of Vermont’s rivers, streams, lakes and ponds.

¹ According to State Treasurer’s 2017 report (www.vermonttreasurer.gov/sites/treasurer/files/committees-and-reports/FINAL_CleanWaterReport_2017.pdf)

The Legislature has voiced a preference for using a revenue source that has a nexus to the issue of clean water and popular concept is either a per parcel tax or an impervious surface tax. The Administration is choosing to use the Estate Tax as dedicated revenue, as property transfer has been accepted as having a nexus to clean water, and the Estate Tax does represent a real estate property transfer in about half of the estates examined.

- **HOW:** The Governor’s proposed budget for FY20 will redirect a portion of the Estate Tax revenue from the General Fund to the Clean Water Fund. The Administration anticipates that all Estate Tax revenue will be directed to the Clean Water Fund starting in FY22, and that revenues to the Clean Water Fund will be further augmented by an additional allocation from the PTT.

Year	Exclusion Amount (Millions)	Revenue (Millions - Approx)	Clean H2O Need	Estate Tax to Clean H2O	Property Transfer Tax to Clean H2O	Lost GF Revenue (Millions)	GF Year to Year Change (Millions)
FY19	\$2.75 (Current Law)	19.9	-	-	-	-	-
FY20	\$3.50	20.2	8	8	-	-8.9	-8.9
FY21	\$4.25	15.3	12	12	-	-17.8	-8.9
FY22	\$5.00	13.1	18.8	13.1	5.7	-26.8	-9
FY23	\$5.75	11.5	20.9	11.5	9.4	-30.5	-3.7
FY24	\$5.75	11.1	20.7	11.1	9.6	-30.7	-.2

###



Environmental Protection

Strengthening Clean Water Project Implementation & Improving Regulations

- **INTRO:** Over the next 20 years, Vermont – both the public and private sectors – will need to invest \$2.3 billion to meet federal and state clean water goals.¹ This effort will require the construction and on-going stewardship of thousands of water quality projects across the landscape. Some projects will be required by permits or regulations, while others will be “above and beyond” or non-regulatory activities that are necessary to restore and maintain the quality of Vermont’s rivers, streams, lakes and ponds. Above-and-beyond activities are not required by permits or regulations but are necessary to achieve Vermont’s water quality standards and remove waterbodies from the list of impaired waters.
- **WHAT:** The Agency of Natural Resources and Agency of Administration propose establishing Clean Water Districts to achieve clean water targets and anticipates the State will provide full funding to implement projects not currently required by regulatory programs administered by the Agency of Natural Resources and Agency of Agriculture, Food & Markets. A network of Clean Water Districts will have the ability to partner with municipalities, regional planning commissions and conservation districts, as well as directly to municipalities, to identify, tackle and sustain critical water quality improvement projects.

Clean Water Districts will be provided with reliable block grant funding for water quality projects over multiple years, incentivizing districts to take on the most productive water quality projects within their service area first. This multi-year financial stability also helps them build clean water programs tailored to their communities in meeting pollution reduction targets provided by ANR. Districts can also seek other opportunities to leverage clean water fund dollars to invest in projects that provide multiple benefits like conserving land, reducing the risk of flooding or other disasters, and improving wildlife habitat.

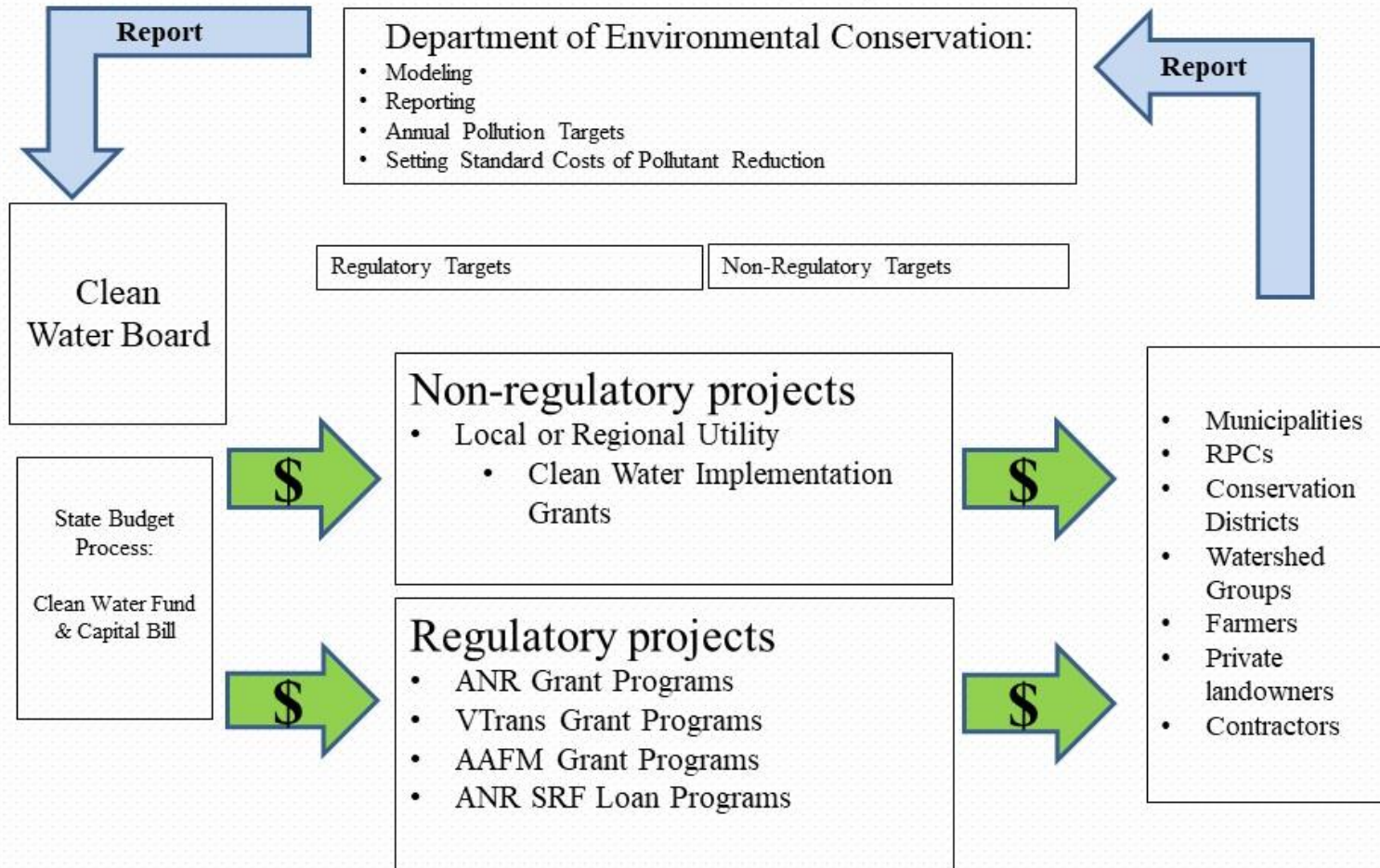
- **WHY:** The quality of our water, and our natural environment as a whole, is one reason Vermont is the healthiest state in the nation and offers such a high quality of life that keeps and attracts families and jobs. This is a critical time to bring local community leaders and State officials together to build a foundation for the next 20 years of clean water work. Protecting, maintaining, and restoring our water resources requires a shared commitment to make smart investments that prioritize cost-effective solutions, and provide long-term sustainable funding.
- **HOW:** The State of Vermont will maintain a lead role in water quality monitoring, planning and assessment, as well as track the results of individual projects and programs, ensuring they are having the anticipated cumulative impact. The State will also provide high-level guidance and oversight to clean water districts but will not be directly involved in project selection or implementation.
 - The proposed legislation requires the Agency of Natural Resources (ANR) to:
 - Set clean water goals for activities that go above and beyond (non-regulatory) and allocate pollutant reduction targets for above-and-beyond activities to clean water districts;

¹ According to State Treasurer’s 2017 report (www.vermonttreasurer.gov/sites/treasurer/files/committees-and-reports/FINAL_CleanWaterReport_2017.pdf)

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- Estimate the effectiveness of the most common stormwater and agricultural practices;
- Issue block grants to clean water districts to reach pollution reduction targets set by the State for above-and-beyond activities; and
- Track clean water districts' progress in meeting pollutant reduction targets.
- The Clean Water Board will:
 - Make recommendations to the Governor regarding funding required to achieve clean water goals established by ANR.
- Clean Water Districts will:
 - Use clean water funds to implement projects, directly and/or with partners;
 - Annually report their progress meeting pollution reduction targets for above-and-beyond activities. Failure to meet the targets over a five-year time period will result in loss of eligibility for State grants and contracts;
 - Have authority to raise revenues, adopt ordinances, and enter into contracts; and
 - Be responsible for on-going operation and maintenance of clean water projects.

Clean Water Redesign (1/9/2019)



State apportions a category of funds directly to a district/utility or municipality to support implementation based on a formula. Municipalities report back to state funding agencies or district/utility to certify compliance.

INTERAGENCY CLEAN WATER PROJECTS DASHBOARD



About the Clean Water Projects Dashboard

The Clean Water Projects Dashboard is an online, interactive platform that makes information on clean water projects funded by state agencies available to the public. The dashboard complements the Vermont Clean Water Initiative Annual Investment Report, which summarizes state investments in clean water projects and their results.

Dashboard: <https://anrweb.vt.gov/DEC/CleanWaterDashboard>
Investment Report: <https://dec.vermont.gov/watershed/cwi/reports>

Dashboard Functions

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

1 Project Search

The screenshot shows a search interface with the following elements:

- Buttons for "Listing" and "Map" views.
- Dropdown menus for "Sector" and "Step".
- A dropdown menu for "Agency".
- Dropdown menus for "Town" and "County".
- A dropdown menu for "Basin Plan".
- Buttons for "Funded", "Completed", and "Both" under "Project Status".
- "Search" and "Clear" buttons at the bottom.

1 A multiple parameter search with two viewing options. An individual project report can be viewed for each item searched (see reverse).

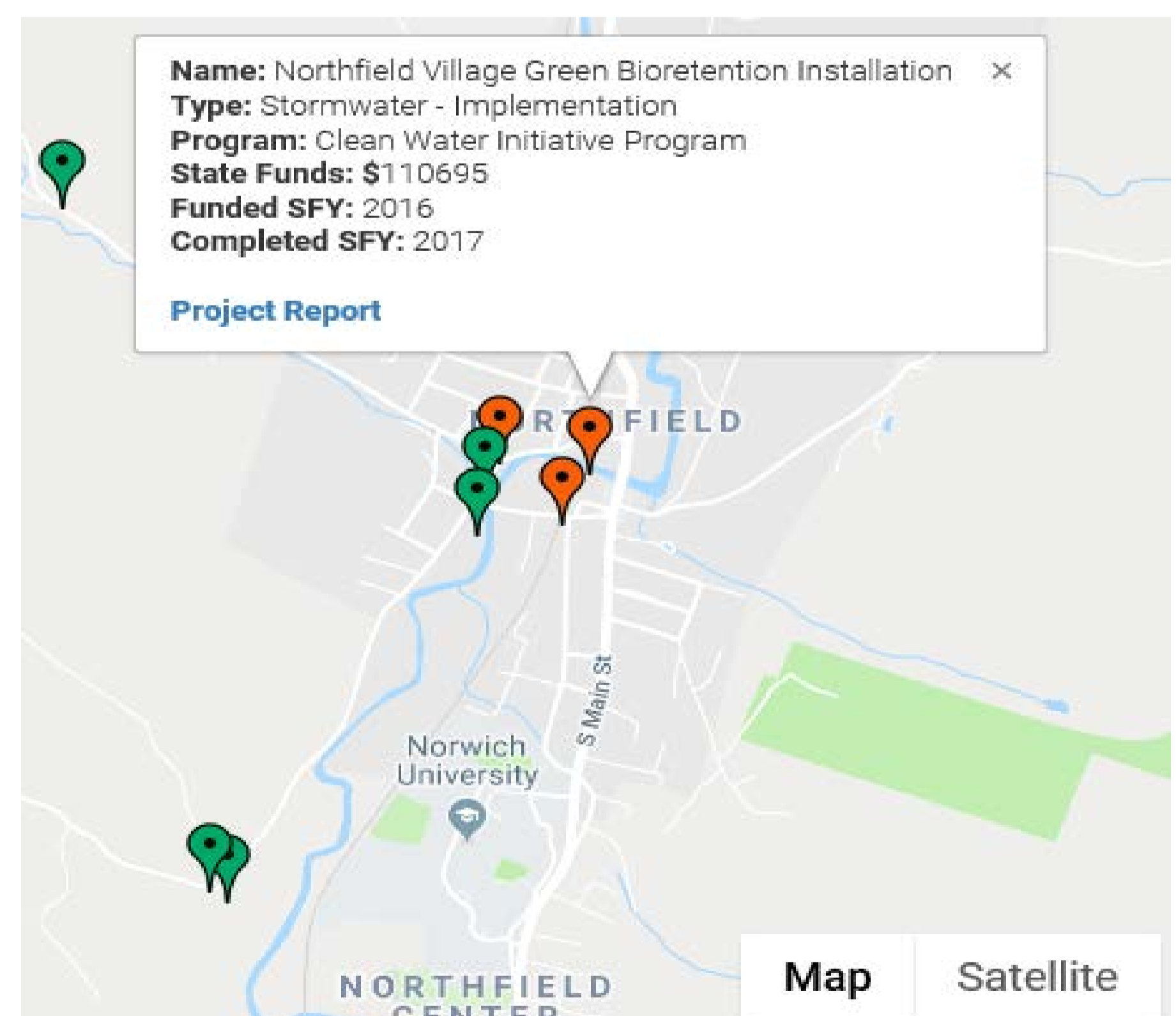
2 List View: Displays a summary of information on each project searched.

3 Map View: Displays projects within a defined geographic location. Click on pins to view project information and report.

2

Project
Northfield Stormwater Mitigation Site Construction (Central Street and Main Street) Project Type: Stormwater - Implementation Program: Clean Water Initiative Program - Agency of Natural Resources Partner: Central Vermont Regional Planning Commission County: Washington Basin: Winooski Funded SFY: 2015 Completion SFY: 2017 State Funds: \$59,842
Northfield Village Green Bioretention Installation Project Type: Stormwater - Implementation Program: Clean Water Initiative Program - Agency of Natural Resources Partner: Central Vermont Regional Planning Commission County: Washington Basin: Winooski Funded SFY: 2016 Completion SFY: 2017 State Funds: \$110,695
Union and Water Street, Northfield Stormwater Treatment - Dog River Project Type: Stormwater - Implementation Program: Clean Water Initiative Program - Agency of Natural Resources Partner: Central Vermont Regional Planning Commission County: Washington Basin: Winooski Funded SFY: 2017 Completion SFY: Ongoing State Funds: \$173,785

3



To learn more, visit: <https://dec.vermont.gov/watershed/cwi/projects>

INTERAGENCY CLEAN WATER PROJECTS DASHBOARD



AGENCY OF ADMINISTRATION
 AGENCY OF AGRICULTURE, FOOD & MARKETS
 AGENCY OF COMMERCE & COMMUNITY DEVELOPMENT
 AGENCY OF NATURAL RESOURCES
 AGENCY OF TRANSPORTATION

Project Report Pages

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

Water Quality Sampling
Water Quality Monitoring - Tributary monitoring- Memphremagog

Agricultural Pollution Prevention - Implementation
Equine Manure Runoff Management Program

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

Stormwater - Implementation
Harwood Union Middle and High School, Duxbury Stormwater Treatment
 AGENCY OF NATURAL RESOURCES

Towns: Duxbury
County: Washington
Watershed: Winooski
State Funding: \$29,040
Funding Source: Capital Fund

Description: The project is located at the Harwood Union High School in the town of Duxbury. The construction of Harwood Union predates state stormwater regulations and the infrastructure, therefore, offers little to no stormwater treatment. With approximately 8.3 acres of impervious surface, deteriorating stormwater infrastructure, as well as encroachment on (and direct input into) Lozelle Brook, runoff from Harwood Union High School contributes to stream bank erosion, sedimentation and pollutant transport to a Dowsville Brook tributary. The result of this project will be the construction of a 1,400 square foot bioretention practice that will mitigate runoff from approximately 0.53 acres of rooftop runoff that collects in roof drains and empties into a pipe system that outlets in Lozelle Brook.

Partner: Friends of the Mad River



Project Status:
 Funded SFY 2017
 Completed SFY 2018

Results:

- 0.53 Acres of impervious surface treated
- 0.26 kg of phosphorous reduced annually, over 20 years

Area outside classroom before bioretention was installed



Completed construction of bioretention area with boardwalk



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