

Item #3: Start of Northern Lake Champlain (Basin 5) TBP process: Karen Bates, DEC

Story Map Link: <http://bit.ly/2KV8O7x>

## TIMELINE

	Start date	End date
1. Collection of Agency, Partners, towns, information	Wednesday, December 19, 2018	Wednesday, May 1, 2019
2. Share Initial Draft with field staff in agency	June 1, 2019	Monday, July 15, 2019
3. Community and Partner meetings input (Phase III completed)	Sunday, August 1, 2019	Sunday, December 1, 2019
4. Revise	Wednesday, January 1, 2020	February 28, 2020
5. Agency review	Wednesday March 1, 2020	March 30, 2020
5. EPA and RPC review	April 1, 2020	Monday, June 1, 2020
6. Public Review (complete step I for Basin 6 -collection of information)	Wednesday, July 1, 2020	Saturday, August 1, 2020
7. Revise and TBP signed	August 1, 2020	August 30, 2020

**DRAFT IMPLEMENTATION STRATEGIES**

Plan Objectives	Focus Areas (not to exclude work in other areas)	Strategies
Implement agricultural BMPs	Jewitt, Mill, Malletts Bay, McCabes, LaPlatte, Mud Hollow	Complete surveys of farm needs; provide modeling analysis to identify most effective BMP, support BMP implementation, Equine management EO
Manage Stormwater	MS4 entities, towns with stormwater master plans and road erosion inventories,	Identify projects through assessments including Stormwater Master Plan and Road Erosion Inventories (REI); provide technical assistance to towns. Support MS4 municipalities and non-municipal MS4s in their work to develop and implement Flow Restoration Plans and Phosphorus Control Plans as well as projects identified by REI.
Protect and remediate river corridors	Stevens, Mill, LaPlatte, McCabes	Corridor protection Riparian buffer/ Floodplain restoration, dam removal, and review of permits to ensure adequate flows
Remediate logging roads and landings	LaPlatte?	Promote programs that protect riparian forests, identify old logging roads and landings for remediation with high erosion potential.
Restore wetland	Islands, Malletts Creek? LaPlatte, Mill River, South  From <a href="https://vermont.gov-my.sharepoint.com/:pers/ona1/karen_bates_vermont.gov/Documents/Basin%205/watlandsprogram.docx">https://vermont.gov-my.sharepoint.com/:pers/ona1/karen_bates_vermont.gov/Documents/Basin%205/watlandsprogram.docx</a>	Work with TNC and USFWS to identify and restore candidates
Protect and remediate lake shorelands	Lake Iroquois, Islands,	Shoreland protection, education and outreach about shoreland restoration practices, contractor certification through the Natural Shoreland Erosion Control Certification program
Reduce and manage the spread of Aquatic Invasive Species	Lake Iroquois, Islands,	Provide education and outreach to boaters to reduce spread; provide technical and financial resources to assist with spread prevention
Increase knowledge of water quality conditions in the Basin	See Table I I	Support watershed groups, NRCDs, Regional Planning Commissions and MS4 permittees
Address Toxics	Stevens Brook	Encourage winter maintenance plans that reduce chloride use, encourage management and reduction in use of toxins
Identify streams for reclassification	Entire watershed, Trout Brook	Continue to collect macroinvertebrate and fish data to support reclassification efforts

## BASIN 5 LAND COVER



# Land Cover of the NORTHERN LAKE CHAMPLAIN BASIN

Lake Champlain Basin Program 1-meter (UVM SAL 2018)

	Wetlands		Forested			
	Agriculture	Developed	Forest	Other	Water	Wetland
	% Agriculture Developed Forest Other Water Wetland					
Alburg Drainage	37.72	2.30	11.88	8.45	1.24	38.42
North Hero Land Drainage	29.66	2.73	15.18	9.42	8.48	34.53
Grand Isle Land Drainage	38.88	3.19	19.08	10.24	0.43	28.17
Upper Northeast Arm Direct	37.64	2.00	7.48	5.90	3.23	43.76
St. Albans Bay Drainage	40.83	5.07	25.23	12.21	0.75	15.91
Lower Northeast Arm Direct	19.17	2.37	52.25	7.35	1.80	17.05
Mallett's Bay Drainage	10.96	5.11	54.9	10.72	1.56	16.74
Burlington Direct Land Drainage	0.62	31.75	37.57	21.04	0.68	8.34
Shelburne Bay Direct Drainage	26.81	6.39	39.06	12.6	1.33	13.8
Southern Main Lake Direct	45.43	3.11	25.99	7.40	0.79	17.28

Land Cover of the Northern lake Champlain Basin relative to the rest of the Lake Champlain Basin. Grey (Other) includes shrub, herbaceous, and barren land.

