

The background of the slide is a photograph of a calm lake. The water is dark blue-grey, and the surface is covered with numerous green lily pads. In the distance, there are rolling green hills under a clear sky. A small structure, possibly a tower or antenna, is visible on one of the hills. The text is overlaid on the left side of the image, which is a white diagonal shape.

STATE OF VERMONT

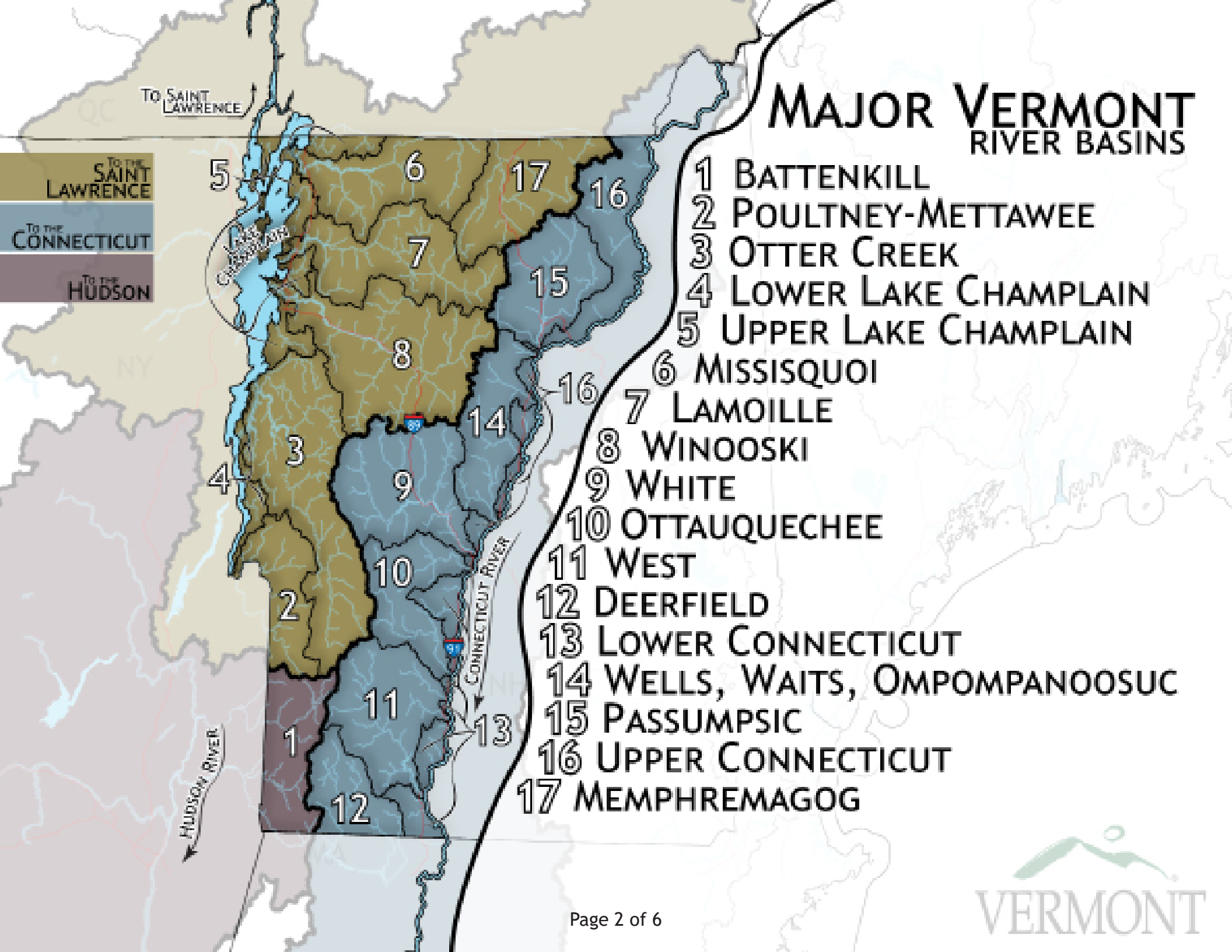
2022

LIST OF PRIORITY SURFACE WATERS

**PART E. SURFACE WATERS ALTERED BY
AQUATIC INVASIVE SPECIES**

-final-

July 6, 2022



MAJOR VERMONT RIVER BASINS

- 1 BATTENKILL
- 2 POULTNEY-METTAWEE
- 3 OTTER CREEK
- 4 LOWER LAKE CHAMPLAIN
- 5 UPPER LAKE CHAMPLAIN
- 6 MISSISQUOI
- 7 LAMOILLE
- 8 WINOOSKI
- 9 WHITE
- 10 OTTAUQUECHEE
- 11 WEST
- 12 DEERFIELD
- 13 LOWER CONNECTICUT
- 14 WELLS, WAITS, OMPOMANOOSUC
- 15 PASSUMPSIC
- 16 UPPER CONNECTICUT
- 17 MEMPHREMAGOG

Waters appearing in Part E are assessed as “altered.” They represent situations to be given priority for management where aquatic habitat and/or other designated uses are not supported due to the presence of invasive aquatic species. These waters correspond to Category 4c of EPA’s Consolidated Assessment Listing Methodology. ** Identify new listings.

Waterbody ID - The two digits following VT identifies the **MAJOR VERMONT RIVER BASIN** illustrated above and the two digits following - identifies the sub basin or mainstem within the major basin.

Code - If the code contains an L the listing is a Lake within the sub basin and if the code is two digits the listing is a river reach within the sub basin or mainstem.

Altered Use(s) - (ALS) Aquatic biota and wildlife that may utilize or are present in the waters; (AH) Aquatic habitat to support aquatic biota, wildlife, or plant life; (CR) The use of waters for swimming and other primary contact recreation; (RF) The use of waters for fishing and related recreational uses; (RB) The use of waters for boating and related recreational uses; (AES) The use of waters for the enjoyment of aesthetic conditions

Invasives - WC - Water chestnut *Trapa natans* EWM - Eurasian watermilfoil *Myriophyllum spicatum*
 VLM - Variable leaf milfoil *Myriophyllum heterophyllum* ZM - Zebra mussel *Dreissena polymorpha*
 SS - Starry stonewort *Nitellopsis obtusa*

Waterbody ID	Code	Waterbody Name	Altered Use(s)	Problem	Status
VT01-03	L05	Paran	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
VT02-01	02	Poultney River, From Hubbardton River To Carvers Falls	AES, ALS, CR, RB	Locally abundant WC growth.	Active hand-pulling efforts for water chestnut.
	L01	Coggman	AES, ALS, CR, RB	Locally abundant EWM and WC growth.	Active hand-pulling efforts for water chestnut.
VT02-02	L02	**Sunrise	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
	L04	Burr (Sudbry)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
	L05	Hortonia	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
	L06	Black (Hubdtn)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
VT02-03	L01	Echo (Hubdtn)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
	L02	Beebe (Hubdtn)	AES, AH, ALS, CR, RB	Abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
	L05	Bomoseen	AES, AH, ALS, CR, RB	Locally abundant EWM growthZM and AC also present.	Ongoing management plan that includes mechanical harvesting efforts.

Waterbody ID	Code	Waterbody Name	Altered Use(s)	Problem	Status
VT02-05	L01	Lily (Poultly)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
	L02	Little (Wells)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes mechanical harvesting.
	L03	St. Catherine	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
VT03-04	L04	Fern	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes mechanical harvesting, DOSH, benthic barriers, and hand-pulling.
	L05	Lake Dunmore (Salisbury)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes mechanical harvesting, DOSH, benthic barriers, and hand-pulling.
VT03-06	L01	Beaver (Proctr)	AES, AH, ALS, CR, RB	Abundant EWM growth.	No active management.
VT03-07	L01	Vergennes Watershed	AES, AH, ALS, CR, RB	Abundant EWM growth.	No active management.
VT03-08	L02	Cedar	AES, AH, ALS, CR, RB	Abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
VT03-10	L01	Richville	AES, AH, ALS, CR, RB	Abundant EWM growth.	No active management.
VT03-15	L01	Chipman	AES, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
VT03-17	L01	Star	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
VT04-01	L01	Otter Creek Section - Lake Champlain (Ferrisburg)	AES, AH, ALS, CR, RB	EWMZMand WC infestation.	Active hand-pulling efforts for water chestnut, ZM are ubiquitous.
	L02	Port Henry Section - Lake Champlain (Ferrisburg)	ALL USES	EWM and ZM infestation.	No active management, ZM are ubiquitous.
VT04-02	01	Lower Whitney Creek	AES, ALS, CR, RB	Locally abundant EWM and WC growth.	Active hand-pulling efforts for water chestnut.
	L01	Southern Section - Lake Champlain (Bridport)	AH, ALS, CR	EWMZMand WC infestation.	Active mechanical harvesting and hand-pulling efforts for water chestnut, ZM are ubiquitous.
VT04-03	01	East Creek Segment, Orwell	AES, ALS, CR, RB	Locally abundant WC growth.	Active hand-pulling efforts for water chestnut.
	02	South Fork East Creek	AES, ALS, CR, RB	Locally abundant WC growth.	Active hand-pulling efforts for water chestnut.

Waterbody ID	Code	Waterbody Name	Altered Use(s)	Problem	Status
VT04-04	L05	Southern Section (B) - Lake Champlain (Bridport)	AH, ALS, CR		
VT05-01	L01	Missisquoi Bay - Lake Champlain (Alburg)	ALL USES	EWMVLMZMand WC infestation.	Active hand-pulling efforts for water chestnut, ZM are ubiquitous.
VT05-02	L01	Lake Carmi (Franklin)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes mechanical harvesting efforts.
VT05-04	L01	Northeast Arm - Lake Champlain (Swanton)	ALL USES	EWM and ZM infestation.	No active management, ZM are ubiquitous.
	L02	Isle Lamotte - Lake Champlain (Alburg)	ALL USES	EWM and ZM infestation.	Some mechanical harvesting of all nuisance vegetation, ZM are ubiquitous.
VT05-07	L01	St. Albans Bay - Lake Champlain (St. Albans)	AES, AH, ALS, CR, RB	EWM and ZM infestation.	Some mechanical harvesting of all nuisance vegetation, ZM are ubiquitous.
VT05-09	L01	Malletts Bay - Lake Champlain (Colchester)	ALL USES	EWM and ZM infestation.	No active management, ZM are ubiquitous.
	L02	Indian Brook (Essex)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Herbicides previously used to control EWM.
VT05-10	L01	Burlington Bay - Lake Champlain (Burlington)	ALL USES	EWM and ZM infestation.	No active management, ZM are ubiquitous.
	L02	Main Section - Lake Champlain (South Hero)	ALL USES	EWM and ZM infestation.	No active management, ZM are ubiquitous.
VT05-11	L01	Shelburne Bay - Lake Champlain (Shelburne)	ALL USES		
	L02	Iroquois	AES, AH, ALS, CR, RB	Abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
VT06-05	L01	Metcalf	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
	L02	Fairfield Swamp	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
	L03	Fairfield	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
VT07-03	L03	Arrowhead Mountain Lake (Milton)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Locally abundant growth, No active management.,
VT07-08	L02	Lake Elmore (Elmore)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
VT08-02	L01	Shelburne Pond	AES, AH, ALS, CR	Locally abundant EWM growth.	No active management.
VT10-01	L01	Deweys Mill	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes benthic barriers and hand-pulling.
VT10-02	L03	Pinneo	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH.

Waterbody ID	Code	Waterbody Name	Altered Use(s)	Problem	Status
VT12-01	L02	Sadawga	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
VT13-02		Upper Mid-Southern Connecticut River	AES, ALS	Locally abundant EWM growth.	No active management.
	01	Connecticut River Above Bellow Falls Dam in Springfield	AES, ALS	Locally abundant EWM growth.	No active management.
	03	CT River, Hoyts Landing	AES, ALS	Locally abundant EWM growth.	No active management.
VT13-08	L01	Mill (Windsr)	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	No active management.
VT14-03	L01	Fairlee	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
VT16-07	01	Connecticut River, Above Wilder Dam	AES, ALS, CR, RB	Locally abundant EWM growth.	No active management.
VT16-20	L01	Morey	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes herbicides, DOSH, benthic barriers, and hand-pulling.
VT17-04	L05	Derby	AES, AH, ALS, CR, RB	Locally abundant EWM & SS growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
VT17-06	L02	Willoughby	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.
VT17-10	L01	Elligo	AES, AH, ALS, CR, RB	Locally abundant EWM growth.	Ongoing management plan that includes DOSH, benthic barriers, and hand-pulling.