

STATE OF VERMONT

2010

LIST OF PRIORITY SURFACE WATERS OUTSIDE THE SCOPE OF CLEAN WATER ACT SECTION 303(d)

includes:

PART B. IMPAIRED SURFACE WATERS - NO TOTAL MAXIMUM DAILY LOAD DETERMINATION REQUIRED

PART C. SURFACE WATERS IN NEED OF FURTHER ASSESSMENT

PART D. SURFACE WATERS WITH COMPLETED AND APPROVED TMDLs

PART E. SURFACE WATERS ALTERED BY EXOTIC SPECIES

PART F. SURFACE WATERS ALTERED BY FLOW REGULATION

PART G. SURFACE WATERS ALTERED BY CHANNEL ALTERATION

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OVERVIEW

The following six-part list of waters has been prepared by the Vermont Department of Environmental Conservation (VT DEC) in accordance with the Vermont Surface Water Assessment and Listing Methodology. Each part is considered to be outside the scope of Clean Water Act Section 303(d).

All waters listed in **Part B** are assessed as “impaired” and do not require development of a TMDL as described in 40 CFR 130.7. Section 303d of the Federal Clean Water Act does not govern these waters. Impaired waters that do not need a TMDL are those where other pollution control requirements (such as best management practices) required by local, state or federal authority are expected to address all water-pollutant combinations and the Water Quality Standards are expected to be attained in a reasonable period of time. These waters correspond to Category 4b of EPA’s Consolidated Assessment Listing Methodology.

All waters appearing in **Part C** are assessed as “stressed” and have been identified as needing further assessment to confirm the presence of a violation of one or more criteria of the Vermont Water Quality Standards. A violation has not been documented by sufficient data (i.e. there is an insufficient weight of evidence). Part C waters are considered high priority waters for assessment and monitoring.

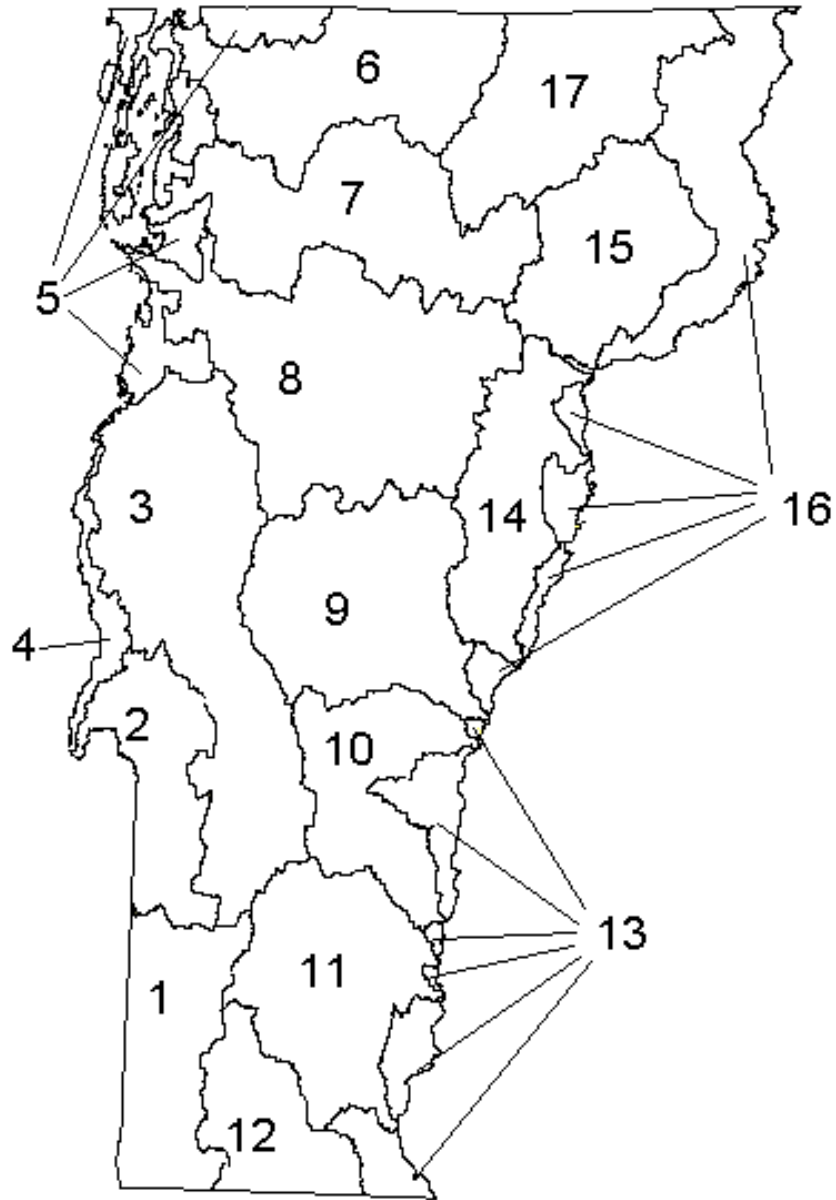
All waters identified on **Part D** have appeared on a previous version of the Part A-303d List and also have completed and approved TMDLs in place. If future assessments show the impairment has been eliminated, the waters will remain on Part D as a means of TMDL tracking. These waters correspond to Category 4a of EPA’s Consolidated Assessment Listing Methodology.

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 have been altered to the extent that one or more designated uses are not supported due to the presence of exotic aquatic species. This list currently includes waters altered by the proliferation of Eurasian watermilfoil, water chestnut, zebra mussels or the presence of alewives. These waters correspond to Category 4c of EPA’s Consolidated Assessment Listing Methodology.

Waters appearing in **Part F** of the Vermont Priority Waters List are assessed as “altered.” They represent priority management situations where aquatic habitat and/or other designated uses have been altered by flow regulation to the extent that one or more designated uses are not supported. Alterations arise from flow fluctuation, obstructions, or other manipulations of water levels that originate from hydroelectric facilities or other dam operations or from water withdrawals for industrial or municipal water supply or snowmaking purposes. These waters correspond to Category 4c of EPA’s Consolidated Assessment Listing Methodology.

Waters appearing in **Part G** have been assessed as “altered.” These waters include stream or river reaches with significant impacts due to physical channel alterations, documented channel degradation or a change in stream type that have resulted from human activities such as gravel mining, dredging, channelization, improper bridge or culvert placement, or floodplain encroachments. In these situations, the aquatic habitat is altered from the stable ecological state due to changes in bedload movement and habitat feature loss so that one or more designated uses are not supported. In these altered reaches, the changes in bedload and habitat features result from an instability of the system itself as streams naturally realign themselves into a new natural equilibrium. These waters correspond to Category 4c of EPA’s Consolidated Assessment Listing Methodology.

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, Ompompanoosic
15. Passumpsic
16. Upper Connecticut
17. Lake Memphremagog

List of Acronyms and Terms

AAFM	VT Agency of Agriculture, Food and Markets	pH	hydrogen ion concentration (measurement of)
As	arsenic	RCWP	Rural Clean Water Program
BMP	best management practice	RI/FS	Remedial Investigation/Feasibility Study
Cfu	colony forming unit	RM	river mile
CRJC	CT River Joint Commissions	SCS	Soil Conservation Service (same as USDA-NRCS)
CSO	combined sewer overflow	SECT 319	Section 319 [of federal Clean Water Act]
Cu	copper	SHG	Small High Gradient
DEC-AP	VT DEC, Air Pollution Division	SO ₂	sulfur dioxide
DEC-ENF	VT DEC, Enforcement Division	SRF	State Revolving Fund
DEC-FE	VT DEC, Facilities Engineering Division	UG/L	micrograms per liter (same as parts per billion)
DEC-HM	VT DEC, Hazardous Materials Section (of DEC-WM)	USACOE	US Army Corps of Engineers
DEC-SW	VT DEC, Solid Waste Section (of DEC-WM)	USBOM	US Bureau of Mines
DEC-WM	VT DEC, Waste Management Division	USDA	US Department of Agriculture
DEC-WQ	VT DEC, Water Quality Division	USDA-ACP	- Agriculture Conservation Program
DEC-WS	VT DEC, Water Supply Division	USDA-HUA	- Hydrologic Unit Area
DEC-WWM	VT DEC, Wastewater Management Division	USDA-SpP	- Special Project
DF&W	VT Department of Fish & Wildlife	USDA-WQIP	- Water Quality Incentive Program
DFP&R	VT Department of Forests, Parks & Recreation	USDA-NRCS	- Natural Resource Conservation Service
D.O.	dissolved oxygen	USEPA	US Environmental Protection Agency
DOH	VT Department of Health	USF&WS	US Fish & Wildlife Service
E.COLI	Escherichia coli (an indicator bacterium)	UVM	University of Vermont
EPT	Ephemeroptera/Plecoptera/Tricoptera	UVM-SNR	- School of Natural Resources
FERC	Federal Energy Regulatory Commission	VSA	VT Statutes Annotated
Fe	iron	VTDEC	Vermont Department of Environmental Conservation
F/S	feasibility study	WQ	water quality
Hg	mercury	WQS	Water Quality Standards
-HUA	Hydrologic Unit Area (a USDA cost share program)	WWTF	wastewater treatment facility
LCBP	Lake Champlain Basin Program	Zn	zinc
MG/L	milligrams per liter (same as parts per million)	1272	Section 1272 of 10 VSA Chapter 47
MOU	memorandum of understanding	1272 Order	An order issued by the ANR Secretary to properly manage or eliminate an existing discharge to waters that may cause a violation of the Water Quality Standards.
MT/YR	metric tons per year	1277	Section 1277 of 10 VSA Chapter 47
Ni	nickel	1277 Order	An order issued by the ANR Secretary to a municipality that is discharging untreated or improperly treated sewage that causes a reduction in water quality to construct a sewage collection and treatment system to correct or abate the discharge.
NO _x	nitrogen oxide	PL83-566	(a USDA cost share program)
NPL	National Priority Listing		
NPS	nonpoint source		
P	phosphorus		
Pb	lead		
PCB	poly-chlorinated biphenol		

Part D - Waters with Completed and Approved TMDLs

EXPLANATION OF COLUMN HEADINGS

Waterbody ID - An alphanumeric code used to spatially locate designated surface waterbodies. For example, VT01-02 and VT01-03L05 represent a river and a lake waterbody, respectively, that is located in Vermont river basin #01. River basin #01 includes the Batten Kill, Hoosic and Walloomsac rivers; there are 17 river basins for planning purposes identified in Vermont. A statewide map has been included that names these 17 river basins and identifies their approximate boundaries.

A statewide map further illustrating designated river and stream waterbodies and waterbody designations for Lake Champlain, Lake Memphremagog and South Bay can be obtained upon request from the Water Quality Division, Department of Environmental Conservation in Waterbury, Vermont.

Name - The name of the river/stream segment or lake/pond.

ADB Code(s) – Assessment Database segment code used for EPA tracking purposes. If blank, Waterbody ID represents entire ADB code.

Pollutant - The pollutant for which the TMDL was completed.

Previously Identified Problem - A brief description of the water quality problem associated with the particular segment.

Status – Gives the TMDL information and the date of EPA approval.

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT01-05L01		BOURN POND (Sunderland)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT01-05L10		LITTLE MUD (Winhall)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT01-05L11		LYE BROOK - N (Sunderland)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT01-05L12		LYE BROOK - S (Sunderland)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT01-06L01		BRANCH POND (Sunderland)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT01-06L02		BEEBE POND (Sunderland)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT02-01	01	POULTNEY RIVER, MOUTH UPSTRM TO CARVERS FALLS (10.4 MILES)	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT03-01	02	LOWER OTTER CREEK, MOUTH UPSTREAM TO VERGENNES DAM (APPROX 7.6 MILES)	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT03-06	01	MOON BROOK, MOUTH TO RM 2.9	STORMWATER	STORMWATER RUNOFF; EROSION	EPA APPROVED TMDL FEBRUARY 19, 2009
VT03-07	02	LITTLE OTTER CREEK, MOUTH UPSTRM TO FALLS/LEDGE WEST RT 7 (CIRCA 1 MI)	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE; FISH PRESENT ONLY SEASONALLY; EXTREMELY LOW #s	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT03-09	01	LOWER DEAD CREEK, FROM MOUTH UPSTREAM (APPROX 3 MILES)	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT03-11L01		NORTH POND (Bristol)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT03-11L02		GILMORE POND (Bristol)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT03-14L03		CHITTENDEN RESERVOIR (Chittenden)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT03-18L02		GRIFFITH LAKE (Peru)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT03-18L03		BIG MUD POND (Mt. Tabor)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT03-18L06		LONG HOLE (Mt. Tabor)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT03-18L07		LITTLE MUD (Mt. Tabor)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT04-01L01	01, 02, 03, 04	OTTER CREEK SECTION - LAKE CHAMPLAIN (Ferrisburg)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT04-01L01	01, 02, 03, 04	OTTER CREEK SECTION - LAKE CHAMPLAIN (Ferrisburg)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT04-01L02	01, 02, 03	PORT HENRY SECTION - LAKE CHAMPLAIN (Ferrisburg)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT04-01L02	01, 02, 03	PORT HENRY SECTION - LAKE CHAMPLAIN (Ferrisburg)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT04-02L01	01, 02	SOUTHERN SECTION (B) - LAKE CHAMPLAIN (Bridport)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT04-02L01	01, 02	SOUTHERN SECTION (A) - LAKE CHAMPLAIN (Bridport)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT04-02L01	01, 02	SOUTHERN SECTION - LAKE CHAMPLAIN (Bridport)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-01L01	01, 02	MISSISQUOI BAY - LAKE CHAMPLAIN (Alburg)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT05-01L01	01, 02	MISSISQUOI BAY - LAKE CHAMPLAIN (Alburg)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-02L01	01, 02, 03, 04	LAKE CARMi (Franklin)	PHOSPHORUS	ALGAE BLOOMS	EPA APPROVED TMDL APRIL 13, 2009
VT05-04L01	01, 02, 03	NORTHEAST ARM - LAKE CHAMPLAIN (Swanton)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT05-04L01	01, 02, 03	NORTHEAST ARM - LAKE CHAMPLAIN (Swanton)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-04L02	01, 02	ISLE LAMOTTE - LAKE CHAMPLAIN (Alburg)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-07	02	RUGG BROOK, RM 3.1 UPSTREAM 1.6 MILES	STORMWATER	STORMWATER RUNOFF	EPA APPROVED TMDL FEBRUARY 19, 2009

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT05-07	07	STEVENS BROOK, RM 6.8 (PEARL ST) TO RM 9.3	STORMWATER	STORMWATER RUNOFF, EROSION/SEDIMENTATION, MORPHOLOGICAL INSTABILITY	EPA APPROVED TMDL FEBRUARY 19, 2009
VT05-07L01	01, 02	ST. ALBANS BAY - LAKE CHAMPLAIN (St. Albans)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT05-07L01	01, 02	ST. ALBANS BAY - LAKE CHAMPLAIN (St. Albans)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-09	01	INDIAN BROOK, RM 5.8 (SUZIE WILSON RD) TO RM 9.8	STORMWATER	STORMWATER RUNOFF, LAND DEVELOPMENT, EROSION	EPA APPROVED TMDL AUGUST 21, 2008
VT05-09L01	01, 02, 03	MALLETTS BAY - LAKE CHAMPLAIN (Colchester)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-10	01	ENGLESBY BROOK, MOUTH TO RM 1.3	STORMWATER	STORMWATER RUNOFF, BLANCHARD BEACH CLOSURE	EPA APPROVED TMDL SEPTEMBER 30, 2007
VT05-10L01	01, 02, 03	BURLINGTON BAY - LAKE CHAMPLAIN (Burlington)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-10L02	01, 02	MAIN SECTION - LAKE CHAMPLAIN (South Hero)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-10L02	01, 02	MAIN SECTION - LAKE CHAMPLAIN (South Hero)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT05-11	01	MUNROE BROOK, MOUTH TO RM 2.8	STORMWATER	STORMWATER RUNOFF, EROSION, LAND DEVELOPMENT	EPA APPROVED TMDL AUGUST 21, 2008
VT05-11	02	BARTLETT BROOK, MOUTH TO RM 0.7	STORMWATER	STORMWATER RUNOFF, LAND DEVELOPMENT, EROSION	EPA APPROVED TMDL SEPTEMBER 30, 2007
VT05-11	03	POTASH BROOK, MOUTH TO RM 5.2	STORMWATER	STORMWATER RUNOFF, LAND DEVELOPMENT, EROSION	EPA APPROVED TMDL DECEMBER 19, 2006
VT05-11	04	LAPLATTE RIVER, AT MOUTH	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT05-11L01	01, 02, 03	SHELBURNE BAY - LAKE CHAMPLAIN (Shelburne)	PHOSPHORUS	P ENRICHMENT	EPA APPROVED LAKE CHAMPLAIN PHOSPHORUS TMDL SEPTEMBER 25, 2002
VT05-11L01	01, 02, 03	SHELBURNE BAY - LAKE CHAMPLAIN (Shelburne)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT06-01	01	MISSISQUOI RIVER, MOUTH UPSTRM TO SWANTON DAM (APPROX 8 MILES)	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT06-06L01		KINGS HILL POND (Bakersfield)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT07-01		LAMOILLE RIVER, MOUTH TO CLARKS FALLS DAM (8.5 MILES)	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT07-03L03	01, 02	ARROWHEAD MOUNTAIN LAKE (Milton)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT07-13L02		LAKE-OF-THE-CLOUDS (Cambridge)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT08-01	01	WINOOSKI RIVER, MOUTH TO WINOOSKI DAM	MERCURY	ELEVATED LEVELS OF Hg IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT08-02	01	ALLEN BROOK, RM 2.4 TO RM 5.0 (Talcott Rd)	STORMWATER	STORMWATER RUNOFF, LAND DEVELOPMENT; EROSION	EPA APPROVED TMDL AUGUST 21, 2008
VT08-02	04	SUNDERLAND BROOK, RM 3.5 (RT. 7) TO RM 5.3	STORMWATER	STORMWATER RUNOFF, LAND DEVELOPMENT; EROSION	EPA APPROVED TMDL AUGUST 21, 2008
VT08-02	05	CENTENNIAL BROOK, MOUTH TO RM 1.2	STORMWATER	STORMWATER RUNOFF, LAND DEVELOPMENT; EROSION	EPA APPROVED TMDL SEPTEMBER 30, 2007
VT08-02	06	MOREHOUSE BROOK, MOUTH TO RM 0.6	STORMWATER	STORMWATER RUNOFF, EROSION	EPA APPROVED TMDL SEPTEMBER 30, 2007

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT08-09		WINOOSKI RIVER - CABOT VILLAGE	E. COLI	RESIDENTIAL DIRECT DISCHARGES &/OR FAILED SEPTIC SYSTEMS	EPA APPROVED TMDL MARCH 8, 2001
VT08-13L01		HARDWOOD POND (Elmore)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT09-07L01		SKYLIGHT POND (Ripton)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT10-14		BLACK RIVER, BELOW LUDLOW WWTF FOR APPROX. 0.5 MILES	PHOSPHORUS	NUTRIENT ENRICHMENT FROM WWTF	EPA APPROVED TMDL MAY 1, 2001
VT11-08L01		SUNSET LAKE (Marlboro)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT11-15	01	TRIB #1, NO. BRANCH, BALL MTN BROOK, ABOVE GOLF COURSE POND	SEDIMENT	URBAN RUNOFF, LAND DEVELOPMENT IN STEEP AREA, EROSION	EPA APPROVED TMDL JUNE21, 2002
VT11-15	02	STYLES BROOK (2 MILES)	SEDIMENT	LAND DEVELOPMENT, HYDROLOGIC MODIFICATION	EPA APPROVED TMDL JUNE21, 2002

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT11-15L01		FORESTER POND (Jamaica)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT11-15L02		LITTLE POND (Winhall)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT11-16L01		STRATTON POND (Stratton)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT11-18L06		MOSES (Weston)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-01L01		HARRIMAN RESERVOIR (Whitingham)	MERCURY	ELEVATED LEVEL OF MERCURY IN ALL FISH EXCEPT BROWN BULLHEAD	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT12-01L01		HARRIMAN RESERVOIR (Whitingham)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT12-01L04		SHERMAN RESERVOIR (Whitingham)	MERCURY	ELEVATED LEVEL OF MERCURY IN ALL FISH EXCEPT BROWN BULLHEAD	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT12-02L02		HOWE POND (Readsboro)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-02L03		STAMFORD POND (Stamford)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-03	01	EAST BRANCH DEERFIELD RIVER, BELOW SOMERSET DAM	MERCURY	ELEVATED LEVELS OF Hg IN ALL FISH	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT12-03L01		GROUT POND (Stratton)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-03L01		GROUT POND (Stratton)	MERCURY	ELEVATED LEVEL OF MERCURY IN ALL FISH EXCEPT BROWN BULLHEAD	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT12-03L02		SOMERSET RESERVOIR (Somerset)	MERCURY	ELEVATED LEVEL OF MERCURY IN ALL FISH EXCEPT BROWN BULLHEAD	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT12-03L02		SOMERSET RESERVOIR (Somerset)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT12-04	01	UPPER DEERFIELD RIVER, BELOW SEARSBURG DAM	MERCURY	ELEVATED LEVELS OF Hg IN ALL FISH	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT12-04L01		ADAMS RESERVOIR (Woodford)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-04L02		LOST POND (Glastenbury)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT12-04L04		LITTLE POND (Woodford)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-04L05		SEARSBURG RESERVOIR (Searsburg)	MERCURY	ELEVATED LEVEL OF MERCURY IN ALL FISH EXCEPT BROWN BULLHEAD	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT12-05L01		HAYSTACK POND (Wilmington)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT12-07L01		SOUTH POND (Marlboro)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT14-07L01		LEVI POND (Groton)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 20, 2004
VT14-07L02		TICKLENAKED POND (Ryegate)	PHOSPHORUS	ALGAE BLOOMS, HIGH pH, LOW D.O.; MANURE RUNOFF	EPA APPROVED TMDL NOVEMBER 30, 2009
VT16-04L01		MOORE RESERVOIR (Waterford)	MERCURY	ELEVATED LEVELS OF MERCURY IN ALL FISH	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT16-05L01		COMERFORD RESERVOIR (Barnet)	MERCURY	ELEVATED LEVELS OF MERCURY IN ALL FISH	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007
VT16-11L01		UNKNOWN POND (Averys Gore)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT17-02L02		TURTLE POND (Holland)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT17-02L03		ROUND POND (Holland)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003

Part D. Waters in this section have completed and EPA-approved TMDLs.

Waterbody ID	ADB Code(s)	Name	Pollutant	Previously Identified Problem	Status
VT17-02L06		DUCK POND (Holland)	ACID	ATMOSPHERIC DEPOSITION: EXTREMELY SENSITIVE TO ACIDIFICATION; EPISODIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT17-03L03		HALFWAY POND (Norton)	ACID	ATMOSPHERIC DEPOSITION: CRITICALLY ACIDIFIED; CHRONIC ACIDIFICATION	EPA APPROVED TMDL SEPTEMBER 30, 2003
VT17-04L04	01, 02, 03	LAKE SALEM (Derby)	MERCURY	ELEVATED LEVELS OF MERCURY IN WALLEYE	EPA APPROVED REGIONAL MERCURY TMDL ON DECEMBER 20, 2007