

STATE OF VERMONT

2016

- DRAFT -

LIST OF PRIORITY SURFACE WATERS

PART F. SURFACE WATERS ALTERED BY FLOW REGULATION

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Watershed Management Division
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Overview

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. Alterations arise from flow fluctuation, obstructions, or other manipulations of water levels that originate from hydroelectric facilities, dam operations or water withdrawals for industrial or municipal water supply or snowmaking purposes. These waters correspond to Category 4c of EPA’s Consolidated Assessment Listing Methodology.

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, which are located in Vermont river basin #01. There are 17 river basins for planning purposes identified in Vermont. A statewide map that names these 17 river basins and identifies their approximate boundaries has been referenced earlier.

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

Use(s) Impacted - An indication of which designated or existing uses are impacted by flow alteration. The following conventions are used to represent a specific use:

AES - aesthetics

ALS or AH - aquatic life (biota and/or habitat) support

AWS - agricultural water supply

2CR - secondary contact recreation (fishing, boating)

FC - fish consumption

DWS - drinking water supply

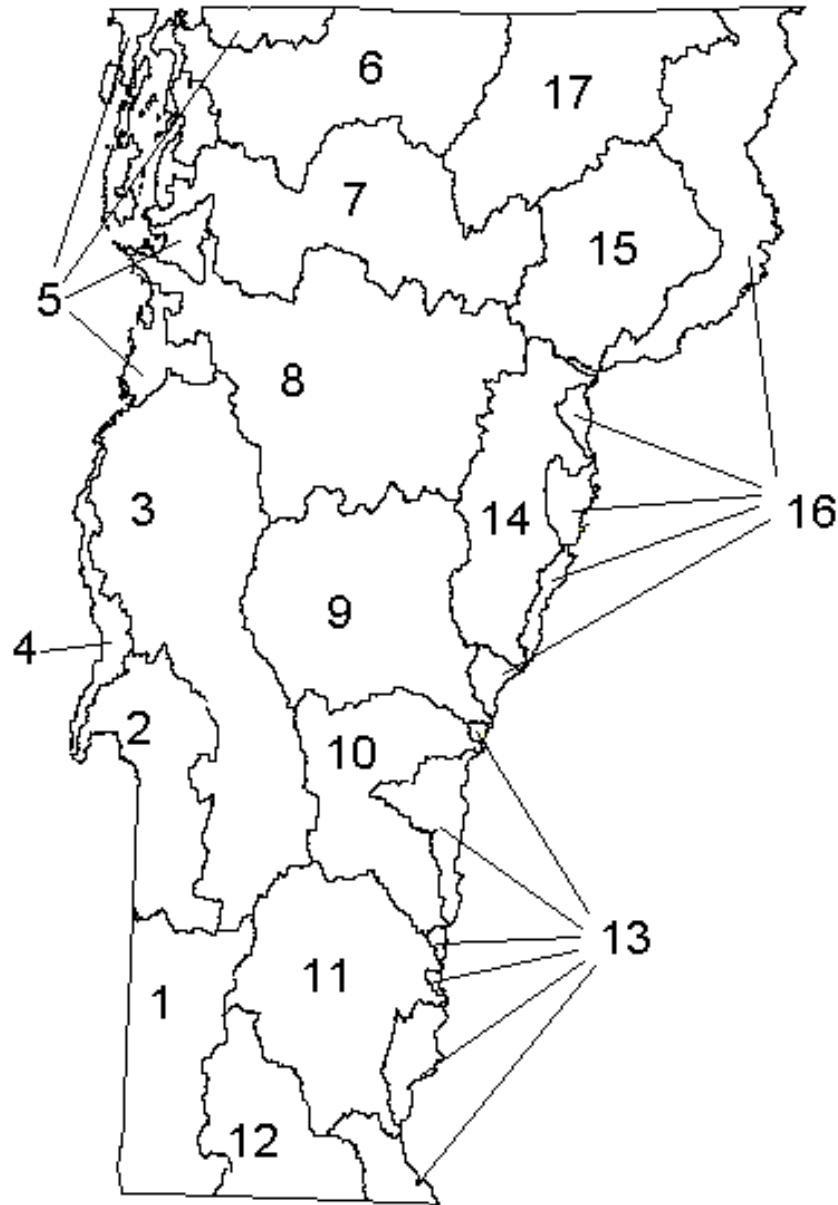
CR - contact recreation (i.e. swimming)

Surface Water Quality Problem - A brief description of the type of flow regulation problem affecting the segment. Situations with a threat to water quality are so noted.

Current Status/Management or Control Activity - An indication of current situation and/or recent or on-going management or control efforts.

Projected WQS Compliance Year - For those entries altered by flow regulation and that are associated with hydropower production, the year of facility compliance with the Vermont Water Quality Standards is provided as a projection (estimate). .

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

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Waterbody ID	ADB Code(s)	Segment Name/ Description	Use(s) Impacted	Surface Water Quality Problem	Current Status or Control Activity	Projected WQS Compliance Year
VT01-03	03	BASIN BROOK	ALS	POSSIBLE LACK OF MINIMUM FLOW BELOW WATER SUPPLY WITHDRAWAL POINT	WSID #5017 - NORTH BENNINGTON WATER DEPT; SERVES AS BACK UP SUPPLY SOURCE TO GRAVEL WELL FIELD. PERMIT DOWN TO 3.0 MGD FROM 4.0 MGD	
	03	BOLLES BROOK/ROARING BRANCH, INTAKE TO CITY STREAM CONFLUENCE	ALS	POSSIBLE LACK OF MINIMUM FLOW BELOW WATER SUPPLY WITHDRAWAL POINT	WSID #5016 - BENNINGTON WATER DEPT; ASSESSMENT OF WATER WITHDRAWAL IMPACT DIFFICULT GIVEN LOW PRODUCTIVITY & LOW pH EFFECT	
VT01-05		HOPPER BROOK	ALS	ARTIFICIAL FLOW REGIME AND CONDITION BY HYDRO OPERATIONS MAY ALTER AQUATIC	UNLICENSED HYDROELECTRIC PROJECT	2020
VT01-05L02		LAKE MADELEINE	ALS	WATER LEVEL FLUCTUATION ALTERS AQUATIC HABITAT	UNLICENSED HYDRO FACILITY	2020
VT03-04	01	LEICESTER RIVER, FROM DAM ON LAKE DUNMORE TO 1.0 MILE	ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BY HYDRO	UNLICENSED FACILITY	2019
	01	LEICESTER RIVER, FROM SALISBURY DAM TO 5 MILES DOWNSTREAM	ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BY HYDRO	UNLICENSED FACILITY	2019
	01		ALS	POSSIBLE DOWNSTREAM FISH PASSAGE PROBLEM AT DAM (THREAT)	UNLICENSED FACILITY	2019
VT03-04L05		LAKE DUNMORE (Salisbury)	ALS	WATER LEVEL MGMT BY HYDRO ALTERS AQUATIC BIOTA	LAKE ASSOC. HAS WATER LEVEL AGREEMENT W/GMP	2019
VT03-12	03	SOUTH BRANCH, MIDDLEBURY RIVER (1.4 MILES)	ALS	ARTIFICIAL FLOW CONDITION, INSUFFICIENT FLOW BELOW SNOW BOWL SNOWMAKING WATER WITHDRAWAL	PARTIAL SUPPORT 1.4 MI (6.0 MI TOTAL LENGTH)	
VT03-14	02	EAST CREEK, CHITTENDEN RESERVOIR TO 4 MILES DOWNSTREAM	ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BY DAM; ONLY LOCAL DRAINAGE BELOW	UNLICENSED FACILITY	2018
	02	EAST CREEK, FROM GLEN DAM TO 3.0 MILES DOWNSTREAM	ALS	POSSIBLE FISH PASSAGE PROBLEM AT DAM (THREAT)	UNLICENSED FACILITY	2018

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VT03-14	02	EAST CREEK, FROM GLEN DAM TO 3.0 MILES DOWNSTREAM	ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BY HYDRO	UNLICENSED FACILITY	2018
	02	EAST CREEK, FROM PATCH DAM TO 2.4 MILES DOWNSTREAM	ALS	POSSIBLE FISH PASSAGE PROBLEM AT DAM (THREAT)	UNLICENSED FACILITY	2018
	02		ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BY HYDRO	UNLICENSED FACILITY	2018
	03	MENDON BROOK (3.3 MILES)	ALS	ARTIFICIAL FLOW CONDITION, INSUFFICIENT FLOW BELOW PICO SNOWMAKING WATER WITHDRAWAL	PARTIAL SUPPORT 3.3 MI (6.9 MI TOTAL LENGTH)	
		TRIB TO EAST CREEK, HYDRO FACILITY TO EAST CK CONFLUENCE	ALS	LOW DO DOWNSTREAM OF HYDRO FACILITY	UNLICENSED FACILITY	2018
VT03-14L03		CHITTENDEN RESERVOIR (Chittenden)	ALS	WATER LEVEL FLUCTUATION BY HYDRO ALTERS AQUATIC BIOTA & WETLANDS	UNLICENSED FACILITY	2018
VT03-14L05		PATCH POND (Rutland)	ALS	WATER LEVEL FLUCTUATIONS MAY ALTER AQUATIC BIOTA	UNLICENSED FACILITY	2018
VT06-02	01	MISSISQUOI RIVER, BELOW ENOSBURG FALLS DAM (0.1 MILE)	ALS	ARTIFICIAL FLOW REGULATION & CONDITION BY HYDRO	FERC LICENSE EXPIRES IN 2023	2023
VT06-04		STANHOPE BROOK	ALS	POSSIBLE LACK OF MINIMUM FLOW BELOW WATER SUPPLY WITHDRAWAL POINT	RICHFORD WATER SUPPLY	
VT06-08	08	JAY BRANCH (4.7 MILES)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW JAY PEAK SNOWMAKING WATER WITHDRAWAL	PARTIAL SUPPORT 4.7 MI (8.7 MI TOTAL LENGTH); JAY PEAK EVALUATING EXPANSION/ALTERNATIVES	
VT07-04	01	MID-LAMOILLE RIVER, IMMEDIATELY BELOW CADYS FALLS DAM (0.3 MILES)	AES	ARTIFICIAL DEWATERING OF FALLS BY HYDRO	CURRENT FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS	2016
	01		ALS	POSSIBLE FISH PASSAGE PROBLEM AT DAM; LACK OF FLOWS TO SUPPORT AQUATIC HABITAT	FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS	2016

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Waterbody ID	ADB Code(s)	Segment Name/ Description	Use(s) Impacted	Surface Water Quality Problem	Current Status or Control Activity	Projected WQS Compliance Year
VT07-07		LAMOILLE RIVER - HARDWICK LAKE TO LAKE LAMOILLE IN MO'VILLE (15.7 MI)	AES, ALS, 2CR	WOLCOTT DAM: ARTIFICIAL & POOR FLOW REGIME DOWNSTREAM	UNLICENSED FACILITY	2018
			AES, ALS	WOLCOTT DAM: IMPOUNDMENT WATER LEVEL FLUCTUATION BY HYDRO IMPAIRS AQUATIC HABITAT; EROSION	UNLICENSED FACILITY	2018
			ALS	WOLCOTT DAM: POSSIBLE FISH PASSAGE PROBLEM AT DAM (THREAT)	UNLICENSED FACILITY	2018
			AES, ALS, 2CR	HARDWICK LAKE DAM: ARTIFICIAL FLOW REGIME DOWNRIVER		2018
			ALS	POSSIBLE FISH PASSAGE PROBLEM AT DAMS (THREAT)	FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS	2016
			AES, ALS, 2CR	BELOW MORRISVILLE DAM: NO FLOW IN BYPASS IMPAIRS AESTHETICS, RECREATION, HABITAT	FERC LICENSE EXPIRES IN 2015	2016
VT07-07L01		LAKE LAMOILLE (Morristown)	ALS	WATER LEVEL FLUCT'N BY HYDRO MAY ALTER AQUATIC HABITAT	FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS	2016
VT07-08	02	ELMORE POND BROOK-FROM DAM TO 2.2 MILES DOWNSTREAM	ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BY DAM	FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS	2016
VT07-08L02		LAKE ELMORE (Elmore)	ALS	WATER LEVEL FLUCT'N BY HYDRO MAY ALTER AQUATIC HABITAT	FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS	2016
VT07-13	02	UNNAMED BROOK, TRIB TO BREWSTER RIVER (1 MILE)	ALS	ARTIFICIAL FLOW CONDITION, INSUFFICIENT FLOW BELOW MORSE RESERVOIR, USED FOR DOMESTIC WATER	NON-SUPPORT 1.0 MI (2.7 MI TOTAL LENGTH); DOMESTIC WATER USE	
VT07-18		GREEN RIVER, DOWNSTREAM FROM RESERVOIR 4.7 MILES	ALS	ARTIFICIAL FLOW REGIME AND CONDITION BY HYDRO OPERATIONS ALTERS AQUATIC HABITAT	FERC LICENSE EXPIRES IN 2015; IN FERC RELICENSING PROCESS.	2016
VT07-18L03		GREEN RIVER RESERVOIR	ALS	WATER LEVEL FLUCTUATION AND WINTER DRAWDOWN ALTERS AQUATIC HABITAT	FERC LICENSE EXPIRED IN 2015; IN FERC RELICENSING PROGRAM	2016
VT07-21L05		HARDWICK LAKE (Hardwick)	AES, ALS	WATER LEVEL FLUCT'N BY HYDRO ALTERS AQUATIC HABITAT & WETLANDS	NO LONGER MANAGED FOR HYDRO; LAKE DRAINED DURING FALL WINTER FOR ICE CONTROL	2018

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VT08-04	01	JOINER BROOK (2.9 MILES)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW BOLTON VALLEY SNOWMAKING WATER WITHDRAWAL	NON-SUPP 2.9 MI (5.7 MI TOTAL LENGTH)	
VT08-05	02	WINOOSKI RIVER AT MIDDLESEX #2 DAM	AES	ARTIFICIAL DEWATERING OF BYPASS BY HYDRO	UNLICENSED FACILITY	2017
	02	WINOOSKI RIVER, IMPOUNDMENT OF MIDDLESEX #2 HYDRO (2 MILES)	AES, ALS	WATER LEVEL FLUCTUATION BY HYDRO CAUSES IMPOUNDMENT STREAMBANK EROSION	UNLICENSED FACILITY	2017
VT08-06	01	TYLER BRK (0.1 MI) & MERRIAM BRK (0.1 MI), THATCHER BROOK TRIBS	ALL USES	ARTIFICIAL & INADEQUATE FLOW CONDITION BELOW WATERBURY VILLAGE PUBLIC WATER SUPPLY WITHDRAWAL POINT	WSID #5284 - WATERBURY VILLAGE WATER	
VT08-09	01	MOLLYS FALLS BROOK (2 MILES)	ALL USES	ARTIFICIAL FLOW CONDITION CREATED BY HYDRO; BYPASSES ONE OF VT'S HIGHEST WATERFALLS	UNLICENSED FACILITY	2017
	01	SUCKER BROOK BELOW PEACHAM POND (1 MILE)	ALL USES	ARTIFICIAL FLOW REGULATION & CONDITION BELOW HYDRO DAM	UNLICENSED FACILITY	2017
VT08-09L03		PEACHAM POND (Peacham)	ALS	WATER LEVEL FLUCT'N BY HYDRO-RELATED DAM MAY ALTER AQUATIC HABITAT	UNLICENSED FACILITY	2017
VT08-09L05		MOLLYS FALLS RESERVOIR (Cabot)	ALS, CR, 2CR	WATER LEVEL FLUCT'N BY HYDRO ALTERS AQUATIC HABITAT & RECREATION	UNLICENSED FACILITY	2017
VT08-11	01	LOWER LITTLE RIVER BELOW HYDRO DAM (2.6 MILES)	ALL USES	ARTIFICIAL FLOW REGIME & CONDITION BY HYDRO	SECTION 401 WQ CERT. ISSUED IN 2014; FERC HAS YET TO ISSUE NEW LICENSE FOR THE PROJECT WHICH WILL DELAY CONSTRUCTION UNTIL 2017	2017
VT08-11L02		WATERBURY RESERVOIR (Waterbury)	ALL USES	WATER LEVEL FLUCTUATION ALTERS ALL USES	SECTION 401 WQ CERT. ISSUED IN 2014; FERC HAS YET TO ISSUE NEW LICENSE FOR THE PROJECT WHICH WILL DELAY CONSTRUCTION UNTIL 2017	2017
VT08-16	03	BENJAMIN FALLS BROOK (POND BROOK) FROM BERLIN POND TO MOUTH	ALS, AES	ARTIFICIAL DEWATERING OF BROOK BY MONTPELIER & BERLIN WATER SUPPLY WITHDRAWALS	WSID #5272	
VT08-20	02	MILL BROOK (2.1 MILES)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW MAD RIVER GLEN SNOWMAKING WATER WITHDRAWAL	PARTIAL SUPPORT 2.1 MI (5.9 MI TOTAL LENGTH)	

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VT08-20	03	SLIDE BROOK (0.8 MILE)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW MT. ELLEN SNOWMAKING WATER WITHDRAWAL	NON-SUPPORT 0.8 MI (3.4 MI TOTAL LENGTH)	
VT09-06		LOWER FLINT BROOK	ALS	ARTIFICIAL FLOW REGULATION; POSSIBLE LACK OF MINIMUM FLOW BELOW FISH HATCHERY WITHDRAWAL (THREAT)	CONDITION BASED ON ANR OBSERVATIONS	
VT10-01	01	LOWER OTTAUQUECHEE RIVER, BELOW NO. HARTLAND DAM (0.9 MILE)	AES, ALS, 2CR	ARTIFICIAL FLOW REGULATION & CONDITION	FLOW REGULATION LARGELY CONTROLLED BY HYDRO FACILITY. FERC LICENSE EXPIRES IN 2021	2021
	01	LOWER OTTAUQUECHEE RIVER, BELOW OTTAUQUECHEE WOOLEN MILL DAM (0.1 MI)	AES	ARTIFICIAL FLOW CONDITION, DEWATERING OF FALLS BY HYDRO		2021
VT10-02L01		NORTH HARTLAND RESERVOIR (Hartland)	ALS, 2CR	ANNUAL WATER LEVEL FLUCTUATIONS ALTER AQUATIC HABITAT	DAM NOW USED FOR HYDROPOWER; OPERATED UNDER FERC LICENSE EXPIRING IN 2021	2021
VT10-13L02		NORTH SPRINGFIELD RESERVOIR (Springfield)	ALS	WATER LEVEL FLUCTUATION ALTERS AQUATIC HABITAT	USACOE DAM; NO CONSERVATION FLOW BASED ON ANY BIOLOGICAL/WQ CRITERIA	2004
VT10-16L03		STOUGHTON POND (Weathersfield)	ALS	WATER LEVEL FLUCTUATION ALTERS AQUATIC HABITAT	USACOE DAM; NO CONSERVATION FLOW BASED ON ANY BIOLOGICAL/WQ CRITERIA	
VT11-07		WEST RIVER, MOUTH TO GRASSY BROOK (12 MILES)	AH, 2CR	WIDE SHALLOW CHANNEL, LOSS OF RIPARIAN VEGETATION, USACOE DAM OPERATION		
VT11-08	01	STICKNEY BROOK (2.5 MILES)	ALS, 2CR	ARTIFICIAL FLOW CONDITION, SEASONALLY DEVOID OF FLOW BELOW DIVERSION DAM; DREDGING	WSID # 5290 - BRATTLEBORO WATER DEPT; WATER SUPPLY RESERVOIR ABOVE DAM	
VT11-10	01	WEST RIVER, BELOW BALL MTN DAM TO TOWNSHEND DAM IMPOUNDMENT (9	ALL USES	ARTIFICIAL FLOW REGIME AT DAM	NO MINIMUM FLOW BY USACE BASED ON ANY BIOLOGICAL/WQ CRITERIA. STRUCTURAL STUDY COMPLETE, NO ACTION PLANNED	

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VT11-10	01	WEST RIVER, TOWNSHEND DAM TO GRASSY BROOK	AH, 2CR	USACE DAM OPERATION, IMPOUNDED WATERS		
VT11-10L01		BALL MOUNTAIN RESERVOIR (Jamaica)	AES, ALS	WATER LEVEL FLUCTUATION ALTERS AQUATIC HABITAT	NO MINIMUM FLOW BY USACE BASED ON ANY BIOLOGICAL/WQ CRITERIA. STRUCTURAL STUDY COMPLETE, NO ACTION PLANNED	
			ALS	UP & DOWNSTREAM FISH PASSAGE AT DAM - ESP. ANADROMOUS ATLANTIC SALMON	DOWNSTREAM PASSAGE PROVIDED THROUGH DAM OPERATIONS; UPSTREAM PASSAGE VIA TRAP AND TRUCK AT TOWNSHEND DAM	
VT11-10L02		TOWNSHEND RESERVOIR (Townshend)	ALS	WATER LEVEL FLUCTUATION ALTERS AQUATIC HABITAT	USACOE DAM; NO CONSERVATION FLOW BASED ON ANY BIOLOGICAL/WQ CRITERIA	
VT11-16	02	MILL BROOK (1.6 MILES)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW BROMLEY SNOWMAKING WATER WITHDRAWAL	PARTIAL SUPPORT 1.6 MI (8 MI TOTAL LENGTH)	
	03	TRIB TO MILL BROOK (2.2 MILES)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW BROMLEY SNOWMAKING WATER WITHDRAWAL	NON-SUPPORT 0.7 MI, PARTIAL SUPPORT 1.5 MI (2.5 MI TOTAL LENGTH).	
VT11-18L01		HAPGOOD POND (Peru)	ALS	ANNUAL DRAWDOWNS ALTER AQUATIC HABITAT		
VT12-01	01	LOWER DEERFIELD RIVER BELOW HARRIMAN RESERVOIR (3.5 MILES)	ALS	LOW TEMPERATURE HYPOLIMNETIC WATER RELEASE FROM RESERVOIR	401 CERTIFICATION ISSUED (1/95); FERC LICENSE ISSUED (4/97)	
VT12-05	04	NORTH BRANCH OF DEERFIELD RIVER (11.5 MILES)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW MT SNOW SNOWMAKING WATER WITHDRAWAL	NON-SUPPORT 2.2 MI, PART'L SUPPORT 9.3 MI (13.3 MI TOTAL LENGTH); MT SNOW PLANS NEWWITHDRAWL/RESERVOIR WITH INCREASEDCONSERVATION FLOWS	2016
	05	TRIB TO NORTH BRANCH (1 MILE) (AKA JACK'S BROOK)	ALS	ARTIFICIAL & INSUFFICIENT FLOW BELOW MT SNOW SNOWMAKING WATER WITHDRAWAL	PARTIAL SUPPORT 1 MI (1.5 MI TOTAL LENGTH); MT SNOW EVALUATING ALTERNATIVES	2016
VT13-01		CT RIVER, WILDER DAM TO ASCUTNEY VILLAGE (20.5 MILES)	ALS	ARTIFICIAL FLOW CONDITION, FLUCTUATING FLOWS ASSOCIATED WITH HYDROPOWER PRODUCTION	FERC LICENSE EXPIRES IN 2018	2019

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VT13-02		CT RIVER, ABOVE BELLOWS FALLS DAM (21.5 MILES)	ALS	WATER LEVEL FLUCTUATION AT DAM; DEWATERED SHORELINES/WETLANDS	FERC LICENSE EXPIRES IN 2018	2019
		CT RIVER, ABOVE BELLOWS FALLS DAM, SPRINGFIELD	AES, ALS	RESERVOIR WATER LEVEL FLUCTUATION AT DAM; DESTABIL/ERODING STREAMBANKS	OBSERVED IMPACTS TO "SKITCHEWAUG" ARCHEOLOGICAL SITE; SITE RIP-RAPPED; FERC LICENSE EXPIRES IN 2018	2019
VT13-03		CT RIVER, BELOW BELLOWS FALLS DAM (24 MILES)	ALS	ARTIFICIAL FLOW CONDITION, FLUCTUATING FLOWS BY HYDROPOWER PRODUCTION	FERC LICENSE EXPIRES IN 2018	2019
VT13-04		CT RIVER, ABOVE VERNON DAM	ALS	WATER LEVEL FLUCTUATION AT DAM; DEWATERED SHORELINE/WETLANDS	FERC LICENSE EXPIRES IN 2018	2019
VT13-05		CT RIVER, BELOW VERNON DAM (5.5 MILES)	ALS	ARTIFICIAL FLOW CONDITION, FLUCTUATING FLOWS BY HYDROPOWER PRODUCTION	FERC LICENSE EXPIRES IN 2018	2019
VT13-10		ELLIS BROOK, FARR (?) BROOK BELOW MINARDS POND	ALS	POSSIBLE LACK OF MINIMUM FLOW BELOW WATER SUPPLY WITHDRAWAL POINT (THREAT)	WSID #5298 - BELLOWS FALLS WATER DEPT	
VT13-12	01	SACKETTS BROOK	ALS	ARTIFICIAL FLOW CONDITION, INSUFFICIENT FLOW BELOW SACKETTS BROOK DAM	PUTNEY PAPER WATER WITHDRAWL	
VT14-04	01	WAITS RIVER, BELOW BRADFORD DAM (0.3 MILE)	AES, ALS	ARTIFICIAL FLOW CONDITION, POOR FLOW REGIME IN DAM'S BYPASS SEGMENT	FERC EXEMPTION	2021
VT14-07	01	WELLS RIVER, BELOW DAM AT BOLTONVILLE (0.4 MI)	AES, ALS	ARTIFICIAL FLOW CONDITION, POOR FLOW AND PHYSICAL ALTERATIONS IN HYDROELECTRIC DAM BYPASS SEGMENT	FERC EXEMPTION	2019
VT14-09		STEVENS RIVER (BELOW HARVEY'S LAKE)	ALS	DAM MANAGEMENT ALTERS AQUATIC HABITAT		
VT14-09L05		HARVEYS LAKE (Barnet)	ALS	WATER LEVEL MGMT MAY ALTER AQUATIC HABITAT	TOWN IS EXPLORING DAM RECONSTRUCTION	
VT15-01		PASSUMPSIC RIVER, BELOW GREAT FALLS DAM (0.1 MILES)	ALS	ARTIFICIAL FLOW REGIME AND CONDITION BY HYDRO OPERATIONS; ALTERS AQUATIC HABITAT IN BYPASS REACH	FERC LICENSE EXPIRES IN 2019; IN FERC RELICENSING PROCESS	2019

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VT16-07	01	CONNECTICUT RIVER, ABOVE WILDER DAM TO BRADFORD (APPROX 30 MILES)	ALS	RESERVOIR WATER LEVEL FLUCTUATION AT DAM; DESTABILIZING/ERODING STREAMBANKS UPSTREAM	EXPOSURE & EROSION ARCHEOL FEATURES KNOWN AS "LONG HOUSES"; ALSO "STOCKING" SITE	2018
VT17-03	02	AVERILL CREEK DOWNSTREAM FROM DAM ON GREAT AVERILL LAKE (5.4 MILES)	ALS	ARTIFICIAL FLOW CONDITION BY HYDRO CREATES POOR FLOW REGIME	UNLICENSED FACILITY; PSB HEARING TO BE HELD FALL 2016	2016
	03	AVERILL CREEK DOWNSTREAM FROM DAM ON LITTLE AVERILL LAKE (1 MILE)	ALS	ARTIFICIAL FLOW CONDITION BY HYDRO CREATES POOR FLOW REGIME	UNLICENSED FACILITY; PSB HEARING TO BE HELD FALL 2016	2016
	01	COATICOOK RIVER BELOW NORTON POND DAM (3 MILES)	ALS	ARTIFICIAL FLOW CONDITION BY HYDRO CREATES POOR FLOW REGIME	UNLICENSED FACILITY; PSB HEARING TO BE HELD FALL 2016	2016
VT17-03L01		LITTLE AVERILL POND (Averill)	ALS, 2CR	WATER LEVEL FLUCTUATION BY HYDRO ALTERS FISHERY, RECREATION & ENDANGERED SPECIES	UNLICENSED FACILITY; PSB HEARING TO BE HELD FALL 2016	2016
VT17-03L02		GREAT AVERILL POND (Norton)	ALS, 2CR	WATER LEVEL FLUCTUATION BY HYDRO ALTERS AQUATIC HABITAT, RECREATION	UNLICENSED FACILITY; PSB HEARING TO BE HELD FALL 2016	2016
VT17-03L04		NORTON POND (Norton)	AES, ALS, 2CR	WATER LEVEL FLUCTUATION BY HYDRO ALTERS AQUATIC HABITAT, RECREATION, AESTHETICS	UNLICENSED FACILITY; PSB HEARING TO BE HELD FALL 2016	2016
VT17-05		UNNAMED BROOKS, TRIBS TO CLYDE RIVER	ALS	POSSIBLE LACK OF MINIMUM FLOW BELOW WATER SUPPLY WITHDRAWAL POINT	WSID #5105; BRIGHTON	
VT17-08L03		SHADOW LAKE (Glover)	AES, ALS	WATER LEVEL FLUCTUATION (SEASONAL DRAWDOWN) MAY ALTER AQUATIC HABITAT AND AESTHETICS		