

Vermont Department of Environmental Conservation*Agency of Natural Resources*

Commissioner's Office

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To: Representative Janet Ancel, Chair, House Ways and Means Committee
Representative Carolyn Branagan, Vice Chair, House Ways and Means Committee

From: David Mears, Commissioner, Department of Environmental Conservation

Date: January 30, 2015

Re: Follow up from January 23 fee testimony on Department of Environmental Conservation
SFY16 Fee Proposal

Please see the following responses to the questions and comments from our discussion of DEC's fee proposal testimony on January 23rd.

Fee Memo and Fee Guide:

We have updated the attached fee memo and fee guide to reflect changes from the master Fee Bill spreadsheet and a few minor changes/clarifications that are highlighted in yellow.

Questions and Responses:**1) SW hauler fee (Row # 157-160) :**

With the recent removal of the 1 ton exemption for small haulers, will property owners and caretakers or property be subject to the \$50 fee?

An exemption for small trash haulers who collect trash in vehicles with less than one ton capacity was removed last Legislative session (2014), and brings a number of previously unregulated waste haulers subject to DEC's jurisdiction for waste hauling licenses.

There has been some uncertainty about whether this fee applies to caretakers. We will develop an internal policy to clarify this. We will not assess the fee on those we define as caretakers.

2) Hazardous Air Contaminant (HAC) Fees (Rows 186 – 193)

What fee increase would the McNeil Plant see under the revised HAC Fees?

As a wood burning utility, the HAC fuel surcharge fee for McNeil will increase from the current rate of \$0.03750/ton to \$0.06070/ton which will increase their fees from \$13,201 per year to \$21,379.

Under the HAC recalibration, why is the fee for emissions known or suspected to cause cancer so much higher than those that cause chronic diseases?

The regulations currently separate hazardous air contaminants (HACs) into three categories, in consultation with the Vermont Department of Health, based on their potential health effects rather than their potential cost to the health care system. Category I contaminants are known or suspected to cause cancer. These contaminants have no safe exposure level and cause the most severe health impacts. Category II- contaminants that cause chronic health effects- pose health impacts based on the quantity of emissions an individual is exposed to.

3) Dam Safety Annual Operating Fees (Rows 173-175):

Clarify the definition of a dam. What constitutes a dam? Is a large swimming pool considered a dam?

Definition of a Dam - Chapter 43 (Dams) does not define “dam”. §1082 Authorization refers to a structure capable of impounding more than 500,000 cubic feet of water or other liquid. These would be the dams subject to the fee proposed in the fee bill. By practice, these are typically earthen, concrete, timber, stone, or a combination of materials that are constructed to impound water, either on-stream or off-stream. For reference, an Olympic sized swimming pool contains about 88,000 cubic feet of water.

The Department classifies dams according to a dam’s potential for causing loss of life and property damage in the area downstream of the dam if it were to fail. The following Downstream Hazard Classification system is used by the Department:

DOWNSTREAMHAZARD CLASSIFICATION OF DAMS

Low	None expected (No permanent structures for human habitation)	Minimal (Undeveloped to occasional structures or agriculture)
Significant	Few (No urban developments and no more than a small number of inhabitable structures)	Appreciable (Notable agriculture, industry or structures)
High	More than few	Excessive (Extensive community, industry or agriculture)

How will ski areas be impacted?

Ski areas would be impacted no different than any other dam owner. Most ski areas have one or more dams, some are jurisdictional in size (capable of impounding more than 500,000 cubic feet of water). They would be subject to the same fee as other owners depending on the hazard class.

See attached list of dams, hazard class, and owners. The total impact for all ski areas is \$9,350. The ski area with the largest impact would be Mt. Snow with two high hazard dams and therefore an impact of \$2,000.

What kind of outreach has been done with Dam owners about the proposed fee?

Limited outreach was done to dam owners during the 2014 legislative session. This outreach was not quantified.

4) Stormwater Multi-Sector General Permit Application Fees (Row 98) and Operating Fees (Row 125)

Specifically, what types of facilities are covered under the MSGP?

There are approximately 260 industrial facilities covered under the MSGP. Many facilities fall under “no exposure coverage” which means their industrial process water is protected from run-off and are not required to seek coverage under the MSGP. See attached list of industrial facilities that are currently regulated under this permit and assessed the annual operating fee.

5) Other Clean Water Fee Questions

What additional fees will be assessed at St. Alban’s Co-Creamery as a result of the Clean Water Fee Proposal?

For stormwater, the Creamery does not currently pay annual operating fees and will therefore see no increase in annual stormwater fees. They have a “no exposure coverage” under the Multi-Sector General Permit. A “no exposure” project keeps all potential pollutants under cover and has simplified permitting requirements. The Creamery also has a construction permit for the construction of a retail store. This permit has no operating fees. They paid a \$50 application fee. That fee would go to \$100 if they were to need the same permit in the future. But again, they have no ongoing fee requirements associated with that permit.

For wastewater, the Creamery would see an increase in fees. They currently have a pre-treatment permit that allows for the treatment of wastewater prior to discharge into the municipal system. Under the new fee structure, they would see an increase of \$399 per year in operating fees, from \$10,241 to \$10,640. For renewal of their certification, which generally occurs every 5 years, they pay the \$120 administrative processing fee with no per gallon fee. Under the proposed fee structure, the administrative processing fee would be increased to \$240 and they would be charged a per gallon fee based on design capacity of their estimated discharge of \$532 (based on flows of 266,000 gallons per day at \$0.002/gallon). In summary, there would be an annual increase of \$399 and an increase of \$652 upon permit renewal, every 5 years.

Are there Clean Water Fee Comparisons to other New England states?

We are currently working to pull all this information together to get the best overall picture of where Vermont falls in comparison to other states and will get this information to you as soon as possible.

Attachments:

List of Dams currently under DEC Jurisdiction

Impact of Annual Dam Operating Fee to Ski Area

List of all facilities included under the Multi Sector General Permit Program

DEC Fee FY 16 Fee Bill Proposal - *Table of Contents*

General Program Support Proposal			
Fee category	Row # <small>from F&M Spreadsheet</small>	Page # <small>DEC Memo</small>	Description of Fee Change
Underground Injection Control (UIC) Application Fee	106-113	1	Restructure; Increase
Underground Injection Control (UIC) Operating Fee	134-139	2	Restructure; Increase
Potable Water Supply and Wastewater Program Application Fees	100-144	3	Increase
Potable Water Supply and Wastewater Program Minor Amendments	145	3	Increase
Potable Water Supply and Wastewater Program Minor Projects	146-149	4	Increase
Public community water system construction fee	150-153	5	Restructure; Increase
Public Community Water Systems Construction Permits Exemption Removal with DWSRF Loan Funding	219	5	Exemption Removal
Public community water system operating fee	155	5	Increase
Transient non-community water system operating fee	154	5	Increase
Transient non-community water system operator certification fee	156	6	Exemption Removal
Solid Waste Hauler fee	157-160	6	Restructure; Increase
Pollution Prevention Plan Assistance Fee	201-206	7	Increase
Annual Air Pollution Emission Registration Base Fee	75-77	8	Restructure; New Fees
Simplification of Hazardous Air Contaminant Fee	194-200	8	Restructure; Increase
Hazardous Air Contaminant Fuel Combustion Surcharge "Recalibration"	186-193	8	Restructure; Increase
Application for Authorization to Construct or Alter a Dam	171-172	9	Restructure; Increase
Dam Registration/Annual Operating Fee	173-175	9	New Fee

SIGNIFICANT HAZARD DAMS

VT DEC JURISDICTIONAL DAMS CAPABLE OF IMPOUNDING MORE THAN 500,000 CUBIC FEET OF WATER OR OTHER LIQUID

Summary:

- 15 State
- 78 Private
- 20 Municipality
- 113 Total
- 3 < 1.5 acres

Owner	DamName	OwnerType	Town	Acres
Dorset Park Community Association	Village at Dorset Park Pond #3	Private	South Burlington	1.04
South Royalton Fire Dist. No. 1	Lake John	Municipality	Royalton	1.2
Smugglers Notch Mgt. Co., Ltd.	Smugglers Notch Village	Private	Cambridge	1.3
Dorset Park Community Association	Village at Dorset Park Pond #1	Private	South Burlington	1.6
Town of Proctor	Olympus Pool	Municipality	Proctor	2
Town of Washington	Hands Mill	Municipality	Washington	2
Russell Green	Youngs Brook	Private	West Rutland	2
Woodstock Aqueduct Co	Cox Reservoir	Private	Woodstock	2
The Connors 2000 Family LLC	Connors Pond	Private	Woodstock	2.2
Plymouth Notch, LLC	Bear Creek Snowmaking Reservoir	Private	Plymouth	2.5
Joseph and Sandra Lockerby	Newbrough Upper	Private	Berlin	3
Joe Holland	Holland	Private	Corinth	3
Town of Hartford	Wright Reservoir	Municipality	Hartford	3
Town of Proctor	Reynolds Reservoir	Municipality	Proctor	3
Roger E. Carey	Carey	Private	Springfield	3
Omar Graddock	Bloch	Private	Stowe	3
R. Michael & Alice O'Traynor	Blake	Private	Topsham	3
Ali and Marina Banuazizi	Carlton Reservoir	Private	Woodstock	3
Kenward Elmslie	Elmslie	Private	Calais	4
Bob Bjorklund	Abatiell	Private	Hubbardton	4
Station Touristique Mont St Saveur	Jay Peak	Private	Jay	4
Middlebury Development Corp.	Middlebury Industrial Park	Private	Middlebury	4
Peter Christie	Bryan	Private	Morristown	4
James J. Ottoway	Lower Moore Pond	Private	Plymouth	4
Moore Pond Inc	Upper Moore Pond	Private	Plymouth	4

SIGNIFICANT HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Farm and Wilderness Foundation	Rockefeller	Private	Plymouth	4
William Richter	Keefe Site 2	Private	West Fairlee	4
Constance Rawson	Rawson	Private	West Windsor	4
Ben and Lorna Smith	Bronson	Private	West Windsor	4
Strattonwald Recreation Club	Strattonwald	Private	Winhall	4
Smugglers Notch Mgt. Co., Ltd.	Edwards Snowmaking	Private	Cambridge	4.45
Robert Traficanti	Brown	Private	Castleton	5
Town of Chester	Upper Chester Reservoir	Municipality	Chester	5
Sidney Lea and Robin Barone	The Fish Pond	Private	Newbury	5
Collier Family	Martin	Private	Pomfret	5
State of Vermont - AOT	Jones Mill	State	Brandon	6
Zachary Karas	South Village Pond	Private	Dorset	6
Seeger Valley, Inc.	Camp Killlooleet	Private	Hancock	6
Ted Hubbard Jr.	Upper Eddy Pond	Private	Rutland Town	6
Grace A. Andersen	Howland	Private	West Windsor	6
Elizabeth Hunt	South Woodbury Pond	Private	Woodbury	6
North Branch Fire District No. 1	North Branch Fire District No. 1	Municipality	Dover	7
Eric Lande	Schwartz	Private	Morristown	7
Elizabeth A. Bacon	Farnum	Private	Peru	7
Ken Alton	Kratky	Private	Strafford	7
Patricia Gahagan	Woodbury Upper	Private	Woodbury	7
Woodstock Aqueduct Co	Vondell Reservoir	Private	Woodstock	7
Kellogg Pond Corp	Kellogg Pond	Private	Barnard	8
Town of Marlboro	Mill Pond	Municipality	Marlboro	8
Richard W. and Lydia Johnson	Johnson Real Estate	Private	Sharon	8
Philip Harkins	Clark Site No. 2	Private	Topsham	8
Killington/Pico Ski Resort Partners	Snowshed Pond	Private	Killington	9
Equinox Resorts Associates, Ltd.	Equinox Pond	Private	Manchester	9
Robert Fuller	Baldwin Pond	Private	Starksboro	9
Richardson Real Estate	Paine Site No. 1	Private	Barton	10
Mike Palmer	Holdens Pond	Private	Brookfield	10
George and Carol Shangraw	Mill Pond	Private	Colchester	10
Jack Mannoia	Newman	Private	Peru	10

SIGNIFICANT HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Town of Springfield	Springfield Reservoir	Municipality	Weathersfield	11
Steven Watson	Beaver Lake	Private	Hyde Park	13
Goldberg - Meehan Family Trust	Miller Pond	Private	Arlington	14
Putnam W. Blodgett	Blodgett	Private	Bradford	14
Meccawee Club	Meccawe Pond	Municipality	Reading	14
Ryder Pond Homeowners Association	Ryder Pond	Private	Whitingham	14
Watershed Center	Norton Brook	Private	Bristol	15
Mike and Vivien Fritz	Richards	Private	Marshfield	16
Susan Lee & Tim Bergeron	Day-Bruorton	Private	Strafford	17
Mark Harper	Middle Brook	Private	West Fairlee	17
Kubin Family Partnership	Munger	Private	Benson	19
Larry W. Lee	Marble Mill	Private	Dorset	19
David J. Palmer	Kenny Pond	Private	Newfane	20
Aurthur Stern	Crescent Lake	Private	Sharon	20
Lakota Club	Lakota Lake	Private	Barnard	22
David Cannata	Melcher	Private	Wells	22
State of Vermont - DFW	McIntosh Pond	State	Royalton	23
Frederick and Patricia Porcello	Shippee Pond	Private	Whitingham	24
State of Vermont - FPR	Adams Reservoir	State	Woodford	24
Mark Liasson	Sunset Lake	Private	Brookfield	25
State of Vermont - DFW	Knapp Brook Site No. 1	State	Cavendish	25
Middlebury College	Perry-Jackson	Private	Cornwall	25
Northeast Developers, Inc	Northeast Developers	Private	Wells	27
City of St. Albans	Silver Lake	Municipality	Georgia	28
State of Vermont - DFW	Colton Pond	State	Killington	30
Verdmont Outing Club	Thompson Pond Upper	Private	Pownal	30
State of Vermont - DFW	Weatherhead Hollow Pond	State	Guilford	33
State of Vermont - DFW	Knapp Brook Site No. 2	State	Cavendish	35
State of Vermont - DEC	Noyes Pond	State	Groton	39
William A. Gardel	Pine Pond	Private	Castleton	42
Edward Larson	West Hill Pond	Private	Cabot	46
Village of Bellows Falls	Minards Pond	Municipality	Rockingham	46

SIGNIFICANT HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Frank A. Suchomel Jr	Adamant Pond	Private	Calais	50
Iroquois Manufacturing Co	Lower Pond	Private	Hinesburg	61
Town of Windsor	Lake Runnemede	Municipality	Windsor	63
Village of Lyndonville	Chandler Pond	Municipality	Wheelock	65
Candace Beardsley & J.E. Fothergill	Curtis Pond	Private	Calais	76
Lakeside Associates, Inc.	Amherst Lake	Private	Plymouth	76
Curtis Johnson	Mirror Lake	Private	Calais	86
Town of Brattleboro	Sunset Lake	Municipality	Dummerston	95
Town of Brattleboro	Sunset Lake	Municipality	Marlboro	95
State of Vermont - FPR	Lowell Lake	State	Londonderry	100
State of Vermont - DFW	Kent Pond	State	Killington	102
South Pond Land Owners Assoc.	South Pond	Private	Eden	109
Hardwick Electric Department	Hardwick Lake	Municipality	Hardwick	180
Winooski Valley Park District	Colchester Pond	Private	Colchester	182
State of Vermont - FPR	Glen Lake	State	Castleton	191
State of Vermont - DFW	Gale Meadows	State	Londonderry	195
Town of Glover	Shadow Lake	Municipality	Glover	199
State of Vermont - DEC	Miles Pond	State	Concord	206
Wilderness Corporation	Lake Ninevah	Private	Mount Holly	237
Town of Barnet	Harveys Lake	Municipality	Barnet	409
State of Vermont - DFW	Lake Hortonia	State	Hubbardton	449
State of Vermont - DEC	Crystal Lake	State	Barton	778
Hardwick Electric Department	Caspian Lake	Municipality	Greensboro	789

LOW HAZARD DAMS

VT DEC JURISDICTIONAL DAMS CAPABLE OF IMPOUNDING MORE THAN 500,000 CUBIC FEET OF WATER OR OTHER LIQUID

Summary:

64 State
174 Private
39 Municipality
277 Total
7 < 1.5 acres

Owner	DamName	OwnerType	Town	Acres
Town of Bennington Water Co.	Bennington Reservoir	Municipality	Bennington	1
Village of Barton	Barton Reservoir	Municipality	Barton	1.1
T. Dinnan and M. Illick	Scott Pond	Private	Charlotte	1.1
Moscow Mills, Inc.	Moscow Mills	Private	Stowe	1.15
Danville Fire District	Danville Reservoir	Municipality	Danville	1.2
Town of Richford	Richford Reservoir	Municipality	Richford	1.3
Winhall-Stratton Fire District 1	Stratton WWTF Lagoon	Private	Winhall	1.4
Sunrise Group	Sunrise Village Lagoon	Private	Killington	1.5
Barbara E. Wood	Wood	Private	Middlebury	1.7
David Wright	Vershire-6	Private	Vershire	1.9
Steve Amsden	Lawrence Four Corners	Private	Windham	1.9
Lagasse Property Investment	Adams Brook	Private	Brandon	2
Passumic Valley Land Trust	East Burke (Lumber Co.)	Private	Burke	2
George & Suprina Milne	Milne	Private	Cabot	2
Barbara Weedon	Rogers	Private	Calais	2
State of Vermont - CSC	Castleton State College	State	Castleton	2
IBM Corp	IBM Lagoon	Private	Essex	2
Champlain Valley Union High School	Champlain Valley Union High School	Municipality	Hinesburg	2
Elmer and Margaret Williams	Johnson	Private	Killington	2
George and Hillery Ballantyne	North Tower	Private	Mendon	2
F. Page Fenton	Fenton	Private	Middletown Springs	2
Town of Middletown Springs	Coy Brook	Municipality	Middletown Springs	2
Richard & Maryanne Dube	Cole	Private	Newbury	2
Ray and Dorothy Morton	Aiken	Private	Peacham	2
Bromley Equity Ltd	Lords Prayer Pond	Private	Peru	2

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Town of Plainfield	Old Batchelder Mill	Municipality	Plainfield	2
Pierre LaFrance	Lake Champagne	Private	Randolph	2
Elizabeth Eller	Eller	Private	Rochester	2
David Roller and Margaret Vincent	Eaton (Lower)	Private	Royalton	2
State of Vermont - DFW	Malmquist	State	Strafford	2
Lintilhac Family Trust	Brisco	Private	Waterbury	2
Winhall-Stratton Fire District 1	Stratton Mountain Lagoon	Private	Winhall	2
City of Barre	Upper Orange Reservoir	Municipality	Orange	2.1
Town of Newbury Water Company	Newbury Water Supply (Lower)	Municipality	Newbury	2.15
Judy Barone	Cameron Pond	Private	Rutland City	2.15
State of Vermont - DFW	Warner Site 3	State	Addison	2.2
Norwich Fire Dist No. 1	Norwich Reservoir	Municipality	Norwich	2.2
Hogback Heaven Farm	Common Ground Pond	Private	Starksboro	2.25
Leonard Abess	Kingsland	Private	Goshen	2.3
Ron Galotti	McCord	Private	Pomfret	2.6
Tower Partnership	Orange-12	Private	Orange	2.72
State of Vermont - DFW	Woodcock Site 4	State	Addison	3
State of Vermont - DFW	Norton Shallow Dike	State	Addison	3
Grey Camp Inc	Gray Camp Pond	Private	Barnard	3
Southern Vermont Orchards	Southern Vermont Orchard	Private	Bennington	3
State of Vermont - DFW	Ansel Pond	State	Bethel	3
Edward Larson	Clarks Saw Mill	Private	Cabot	3
Smugglers Notch Mgt. Co., Ltd.	Smugglers Notch Snow Pond	Private	Cambridge	3
Tilcon-Tomasso	Tomasso	Private	Chester	3
Jeffrey Kirk	Kirk	Private	Cornwall	3
Town of Fair Haven	Howard Pond	Municipality	Fair Haven	3
Dennis and Emma Pudvah	Winter	Private	Hardwick	3
Pierre Terrier	Hill	Private	Hyde Park	3
Glebe Mountain Ski Associates	Magic Mountain	Private	Londonderry	3
William & Jean Graustein	Manley	Private	Marlboro	3
Town of Middlebury	Buttolph	Municipality	Middlebury	3
Karen Lynch	Lynch	Private	North Hero	3
Phillip Dawson	Randall	Private	Peacham	3

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Sherman Lyon Baldwin	Lyons Pond	Private	Peru	3
Lake Mansfield Trout Club	Culver Mill	Private	Stowe	3
R. Bruce Nourjian	Sylvan Park	Private	Stowe	3
Lucille Farm Products	Lucille Farms WWTF	Private	Swanton	3
Susan Manchester	Manchester	Private	Thetford	3
American Baptist Churches	Gove Hill Christian Association	Private	Thetford	3
The Hermitage Club	Mirror Lake	Private	Wilmington	3
David Mamet	Mamet Pond	Private	Woodbury	3
Eagle Properties	Billings Pond	Private	Woodstock	3
Ira and Ester Wickes	Maud	Private	Winhall	3.2
State of Vermont - DFW	Woodcock Site 1	State	Addison	3.5
Vermont Tissue Paper Corp	Vermont Tissue	Private	Bennington	3.5
Byron Baribeau	Baribeau	Private	Sharon	3.5
Joan Tracy	Pechie	Private	Starksboro	3.5
David Wright	Whitehouse Pond	Private	Vershire	3.5
Cilohocla Inc	Towne	Private	Northfield	3.59
Samuel Lincoln	Hyde Mill	Private	Bethel	3.6
George Pittman Jr.	Shadow Pond	Private	Woodbury	3.6
State of Vermont - DFW	Woodcock Site 3	State	Addison	4
City of Barre	Habbep	Municipality	Barre City	4
National Hanger Co.	Cushman	Private	Bennington	4
Rod Williams	Polygraphic	Private	Bennington	4
June (Bunny) Daubner	Coffin	Private	Bristol	4
Jon Norinsberg	Norinberg	Private	Cornwall	4
Burton Frye	Frye Pond	Private	Danville	4
Town of Fair Haven	Sheldon Pond	Municipality	Fair Haven	4
Steve Stocking	Bancroft Mill	Private	Fairlee	4
State of Vermont - DFW	Harris	State	Ferrisburgh	4
Jennie Alan	Bergh	Private	Ferrisburgh	4
H. Carleton Ferguson	Ferguson	Private	Fletcher	4
Ronald Reese	Franklin Site No. 1	Private	Guilford	4
Andrew Stewart	Stokien	Private	Hartland	4
Steve and Jane Finn	Twitchell	Private	Hinesburg	4

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
James B. Taylor	Goeselt	Private	Lincoln	4
Richard Pomainville	Pomainville	Private	Middlebury	4
Adrian Dewind	Kimibakw	Private	Morristown	4
Marshall Simonds	Simonds	Private	Morristown	4
Freeman Farm Trust	Freeman	Private	Pomfret	4
David Dern	Morey Pond	Private	Pownal	4
Weston Community Association	Weston Mill	Private	Weston	4
Belle O. LeBaique	Goyette	Private	Williamstown	4
City of Montpelier	Montpelier Reservoir (Lower)	Municipality	Berlin	4.1
State of Vermont - DFW	Norton	State	Addison	4.2
Graydon and Shiela Neill	Benjamin	Private	Woodbury	4.2
State of Vermont - DFW	Warner Site 2	State	Addison	4.8
State of Vermont - DFW	McCuens Slang	State	Addison	5
Perry Cooper	Johnsons Mill	Private	Bakersfield	5
Steven and Carolyn Smith	Paine Site No. 2	Private	Barton	5
Killington/Pico Ski Resort Partners	Mirror Lake	Private	Killington	5
John and Emily Williams	Thomson	Private	Londonderry	5
Manchester Country Club, Inc	Pickereel Pond	Private	Manchester	5
Town of Newport	Sleeper Pond	Municipality	Newport Town	5
Jenna Goguen	East Peacham Pond	Private	Peacham	5
Bromley Equity Ltd	Bromley Snow Pond	Private	Peru	5
State of Vermont - FPR	Beaver Pond	State	Roxbury	5
Edgar May	Muckcross	Private	Springfield	5
Arthur Clifford	Clifford	Private	Starksboro	5
Jeremy Cole	Cole	Private	Stratton	5
John Denison or D.C. McNelly	Fin n' Feather	Private	Thetford	5
Frederick Grout	Colbyville Upper	Private	Waterbury	5
Reginald Cherrier	Westford	Private	Westford	5
State of Vermont - DFW	Red Mill Pond	State	Woodford	5
State of Vermont - DFW	Red Mill Pond Dike	State	Woodford	5
OMYA Inc	Smith Pond	Private	Pittsford	5.2
John Pandolfo	Nelson Pond	Private	East Montpelier	5.3
Adam and Lynn Costantini	Bolster Reservoir	Private	Barre Town	6

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
John Risse	East Calais Mill	Private	Calais	6
State of Vermont - DFW	Robinsons Slang	State	Ferrisburgh	6
James Callery	Callery	Private	Ferrisburgh	6
David Roller and Margaret Vincent	Eaton (Upper)	Private	Royalton	6
Stratton Corporation	Gulf Brook Reservoir	Private	Stratton	6
Kelly M. Moreton	Quinn Upper	Private	Wallingford	6
Stephanie Oscarson	Widow Hill	Private	Cavendish	6.83
State of Vermont - DFW	Woodcock Site 2	State	Addison	7
Twin Farms	Sonnenberg Ski Area	Private	Barnard	7
Dorset Fire District #1	Prentiss Pond	Private	Dorset	7
M. Diane Bodman	Holbrook	Private	Grafton	7
Doug Allen	Boutwell	Private	Northfield	7
Harvey R. Morrison	Tinkers Pond	Private	Peacham	7
M. Diane Bodman	Holbrook	Private	Rockingham	7
State of Vermont - DFW	Martin	State	Addison	7.3
State of Vermont - DFW	Farrel	State	Addison	8
State of Vermont - DFW	Harte	State	Addison	8
J.B. Rood	Rood	Private	Cambridge	8
Town of Londonderry	Williams	Municipality	Londonderry	8
Lynn A. Sanders	Vatters Pond	Private	Northfield	8
Bruce Hier	Pomainville	Private	Shoreham	8
State of Vermont - DFW	Vernon Fish Hatchery Pond	State	Vernon	8
Kelly M. Moreton	Quinn Lower	Private	Wallingford	8
Luzenac America, Inc.	Windsor Minerals Pond #10	Private	West Windsor	8
Imerys Talc	Reese-Hamm Mine	Private	Windham	8
Edward Shea	Bugbee Mill Pond	Private	Woodford	8
State of Vermont - DFW	Tetreault	State	Addison	9
Jamie Rozzi	Browns Pond	Private	Bakersfield	9
Town of Ludlow	Jewell Brook Site No. 3 Dike	Municipality	Ludlow	9
A. Johnson Co	Vermont Kaolin Corporation	Private	Monkton	9
City of Barre	Lower Orange Reservoir	Municipality	Orange	9
Jane Kidder	Guilmettes Pond	Private	Richford	9
State of Vermont - FPR	CCC Pond	State	Sharon	9

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Tunbridge Trout	Tunbridge Trout Pond	Private	Tunbridge	9
Roland Dupont	Johnson Pond	Private	Kirby	10
State of Vermont - DFW	East Creek Site No. 2	State	Orwell	10
George Maharay	Maharay	Private	Orwell	10
Town of Proctor	Beaver Pond	Municipality	Proctor	10
Luzenac America, Inc.	Windsor Minerals Pond #9	Private	Reading	10
Jason Schmitt	Schmidt	Private	Wells	10
Luzenac America, Inc.	Windsor Minerals Pond #9	Private	West Windsor	10
State of Vermont - DFW	Pelletier	State	Castleton	10.6
Birch Hill Holdings Inc	Goodnew	Private	Brandon	11
Goshen Farms of Florida	Stewart	Private	Goshen	11
William Schiff	Schiff	Private	Wells	11
State of Vermont - DFW	Howe Farm WMA	State	Burlington	12
Mike Sullivan	Chizmar	Private	Castleton	12
Speciality Filament	Dow Pond	Private	Middlebury	12
High Lake Club Inc.	Standing Pond	Private	Sharon	12
Town of Franklin	Bullis Pond	Municipality	Franklin	13
John Ring	Mud Pond	Private	Thetford	13
Summit Ventures N.E., LLC	Sugarbush Snowmaking Pond	Private	Waitsfield	13
Donald and Margaret Dexter	Limehurst Pond	Private	Williamstown	13
City of Rutland	Rutland City Reservoir Dike	Municipality	Rutland Town	14
Michael Horner & Sandra Sink	Mudd Pond	Private	Hubbardton	15
George Thomas	Cooks Pond	Private	Weathersfield	15
Spruce Lake Association	Spruce Lake	Private	Wilmington	15
State of Vermont - FPR	Said	State	Castleton	16
Kristian Srb	Walker Pond	Private	Hubbardton	16
Beatrice McArdle	Huff Pond	Private	Sudbury	16
State of Vermont - DFW	Jerome	State	Addison	18
Drew Mountain Association	Bailey Pond	Private	Marshfield	18
Laurel Lake Association	Laurel Lake	Private	Whitingham	18
Stratton Corporation	Stratton Mountain Lake	Private	Winhall	18
Dale and Barb Riker	Hidden Lake	Private	Marlboro	19
Dale and Barb Riker	Hidden Lake Dike	Private	Marlboro	19

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Edward Walbridge	Lane	Private	Montpelier	19
Lewis Hebert Estate	Barber Pond	Private	Pownal	19
State of Vermont - DFW	East Creek Site No. 5	State	Orwell	20
State of Vermont - DFW	Colby Pond	State	Plymouth	20
Henry Payson	Payson	Private	Thetford	20
David Bemis	Athens Pond	Private	Athens	21
Vermont Girl Scout Council, Inc	Wapanacki Lake	Private	Wolcott	21
Joyce C. Burland	Deer Park Pond	Private	Halifax	22
State of Vermont - DFW	South Stream Pond	State	Pownal	23
State of Vermont - DFW	Rood Pond	State	Williamstown	23
State of Vermont - DFW	Perch Pond	State	Benson	24
Prelco Inc	Richmond Pond	Private	Richmond	24
Town of Milton	Milton Pond	Municipality	Milton	25
Robert and Dorothy Funk	Stevens Pond	Private	Maidstone	26
Vermont Girl Scout Council, Inc	Gillette Pond	Private	Richmond	26
Dan Purjes	North	Private	Whitingham	26
State of Vermont - FPR	Lake Shaftsbury	State	Shaftsbury	27
City of St. Albans	Silver Lake North Dike	Municipality	Fairfax	28
City of St. Albans	Silver Lake South Dike	Municipality	Fairfax	28
Robert J. Navin	Austin Pond	Private	Hubbardton	28
Lake Mitchell Trout Club	Lake Mitchell	Private	Sharon	28
J.S. Kilner	Black Pond	Private	Plymouth	30
Lewis Ames Miller	Gates Pond	Private	Whitingham	30
Phyllis Parrott	Jobs Pond	Private	Westmore	31
Woodford Lake Estates	Big Pond	Private	Woodford	31
Town of Ludlow	Reservoir Pond	Municipality	Ludlow	32
Swanton Village	Swanton WWTF Lagoon	Municipality	Swanton	32
State of Vermont - DFW	Keiser Pond	State	Danville	33
State of Vermont - FPR	Emerald Lake	State	Dorset	34
Ernest K. Friedli	Burbee Pond	Private	Windham	34
State of Vermont - DFW	Baker Pond	State	Brookfield	35
Richard & Rachelle Lenchus	Parsons Mill	Private	Benson	39
Swift Water Girl Scout Council	Lake Abenaki	Private	Thetford	44

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
Foresight Partners LLP	Long Pond	Private	Milton	47
Paul Thomas	Ticklenaked Pond	Private	Ryegate	48
Quechee Lakes Landowners	Lake Pinneo	Private	Hartford	50
Ellen Robertson	Ewell Pond	Private	Peacham	50
BSA-Green Mountain Council	Sunrise Lake	Private	Benson	52
Town of Readsboro	Howe Pond Lower	Municipality	Readsboro	56
State of Vermont - DFW	Loves Marsh	State	Castleton	62
State of Vermont - DFW	Miller Pond	State	Strafford	63
Town of Windsor	Lake Runnemede Dike	Municipality	Windsor	63
Town of Glover	Daniels Pond	Municipality	Glover	65
State of Vermont - DEC	Wolcott Pond	State	Wolcott	68
State of Vermont - DFW	Burlington Electric WMA	State	Burlington	70
Drew Mountain Association	Marshfield Pond	Private	Marshfield	70
Billy Steele Jr.	Burr Pond	Private	Sudbury	74
State of Vermont - DFW	East Creek Site No. 1	State	Orwell	75
Hinkum Pond Association	Hinkum Pond	Private	Sudbury	75
Town of Fair Haven	Inman Pond	Municipality	Fair Haven	76
William M. and John Thomson	Chipman Lake	Private	Tinmouth	76
State of Vermont - DFW	Martins Pond	State	Peacham	77
Hertis Brokke	Halls Lake	Private	Newbury	84
State of Vermont - FPR	Ricker Pond	State	Groton	92
Village of Barton	May Pond	Municipality	Barton	116
Town of Wilmington	Lake Raponda	Municipality	Wilmington	116
State of Vermont - DFW	Old Marsh Pond	State	Fair Haven	123
State of Vermont - DFW	Coles Pond	State	Walden	125
State of Vermont - DFW	Brilyea East	State	Addison	126
State of Vermont - DEC	Great Hosmer Pond	State	Craftsbury	138
Swanton Light & Power Department	Swanton	Municipality	Swanton	150
State of Vermont - DFW	Richville Pond	State	Shoreham	156
Town of Ludlow	Lake Rescue	Municipality	Ludlow	180
State of Vermont - DFW	Neal Pond	State	Lunenburg	181
State of Vermont - DEC	Little Hosmer Pond	State	Craftsbury	183
State of Vermont - DFW	Brilyea West	State	Addison	186

LOW HAZARD DAMS

Owner	DamName	OwnerType	Town	Acres
State of Vermont - DFW	Lake Eden	State	Eden	186
Town of Benson	Sunset Lake	Municipality	Benson	195
Orville Danyou	Danyou	Private	Ferrisburgh	200
State of Vermont - DFW	Gale Meadows Dike	State	Winhall	204
Iroquois Manufacturing Co	Lake Iroquois	Private	Hinesburg	229
Town of Glover	Lake Parker	Municipality	Glover	240
City of Montpelier	Berlin Pond	Municipality	Berlin	256
State of Vermont - DFW	Mud Creek	State	Alburgh	318
International Water Company	Holland Pond	Private	Holland	330
State of Vermont - DEC	Lake Groton	State	Groton	414
State of Vermont - DFW	Stone Bridge	State	Panton	441
Kim A Smith	Lake Fairlee	Private	Thetford	463
Swanton Light & Power Department	Fairfield Pond	Municipality	Fairfield	472
State of Vermont - DFW	Fairfield Swamp Pond	State	Swanton	500
State of Vermont - DEC	Lake Morey	State	Fairlee	506
Maidstone Lake Dam Repair Committee	Maidstone Lake	Private	Maidstone	800
State of Vermont - DFW	Lake Winona	State	Bristol	813
State of Vermont - DFW	Little Pond	State	Wells	1024
State of Vermont - DEC	Lake Carmi	State	Franklin	1375
State of Vermont - DFW	Lake Willoughby	State	Westmore	1653
State of Vermont - DEC	Lake Bomoseen	State	Castleton	2360

Industrial Facilities covered under Stormwater MSGP - as of 1/26/15

Permit Number	Business	Project Town
3028-9003.R	Burlington International Airport	South Burlington
3065-9003.R	Vermont Agency of Transportation	Highgate
3271-9003.R	Casella Waste Management Inc	West Rutland
3292-9003.R	Cersosimo Industries, Inc.	Vernon
3314-9003.R	Agri-Mark, Cabot Creamery	Cabot
3606-9003	Vermont Plywood LLC.	Hancock
3653-9003.R	Entergy Nuclear Vermont Yankee	Vernon
3671-9003.R	Pelots Point Marine Service, LLC d/b/a North Hero Marina	North Hero
3705-9003	Brown Gravel Pit	Weathersfield
3769-9003.R	Vermont Agency of Transportation	Clarendon
3836-9003.R	Vemront Agency of Transportation	Coventry
3842-9003.R	Pike Industries, Inc.	Irasburg
3848-9003.R	Pike Industries, Inc.	Newbury
3859-9003.R	LeDuc & Many, Inc.	Highgate
3883-9003.R	Hard Rock Gravel Pit	Northfield
3890-9003.R	Pike Industries, Inc.	Williamstown
3896-9003.R	Vtrans	Lyndon
3987-9003	C&S Wholesale Grocers Inc	Brattleboro
4015-9003.1R	Moretown Landfill, Inc	Moretown
4020-9003.R	Hayward Tyler Inc	Colchester
4025-9003	Vermont Wood Pellet Company, LLC	Clarendon
4103-9003	Rivers Development, LLC	Moretown
4159-9003.R	Copeland Furniture Factory	Bradford
4221-9003.R	Roblee Farm, Inc.	Pawlet
4271-9003.R	Dale E. Percy, Inc.	Lowell
4272-9003.R	Vermont Agency of Transportation	Morristown
4291-9003.R	Williston Sand, LLC	Williston
4317-9003.R	Town of Dummerston	Dummerston
4343-9003.R	Mill River Lumber Ltd.	Clarendon
4345-9003.R	LMG Properties LLC/Clifford Lumber LLP	Hinesburg
4346-9003.R	RE Tucker Inc	Berlin
4348-9003.R	Rock-Tenn Converting Company	Sheldon
4349-9003.R	Columbia Forest Products Inc	Newport Town
4356-9003	Caledonian Kiln Corp. Inc.	St. Johnsbury
4357-9003.R	Pike Industries, Inc.	Swanton
4358-9003.R	Pike Industries, Inc.	Wallingford
4359-9003.R	Pike Industries, Inc.	Williston
4360-9003.R	Pike Industries, Inc.	New Haven
4361-9003.R	Pike Industries, Inc.	Waterford
4362-9003.R	Pike Industries, Inc.	Middlebury
4363-9003.R	Pike Industries, Inc.	Clarendon
4365-9003.R	Pike Industries, Inc.	Barre Town
4370-9003.R	Imerys Talc Delaware, Inc	Troy
4371-9003.R	Imerys Talc Vermont, Inc.	Ludlow
4378-9003.R	The A Johnson Co LLC	Bristol
4381-9003.R	Greenwood Mill, Inc.	Sutton
4382-9003.R	General Electric Co.	Clarendon
4383-9003.R	General Electric Co.	Rutland Town
4384-9003.R	Cersosimo Lumber	Brattleboro
4386-9003.R	Cersosimo Lumber	Highgate
4387-9003.R	Cersosimo Lumber	Brattleboro
4389-9003.R	Cersosimo Lumber	Brattleboro
4390-9003.R	Omya, Inc.	Middlebury
4391-9003.2	Troy Minerals	Wallingford
4392-9003.R	Omya Inc	Pittsford
4393-9003.R	S.D. Ireland Concrete Construction Corporation inc.	Williston
4394-9003.R	S.D. Ireland Concrete Construction Corporation, Inc.	South Burlington
4395-9003.R	Pike Industries, Inc.	Barre Town
4396-9003.R	Pike Industries, Inc.	Danby

Permit Number	Business	Project Town
4397-9003.R	Pike Industries, Inc.	Coventry
4407-9003.R	Rock of Ages Corporation	Barre City
4408-9003.R	Rock of Ages Corporation	Bethel
4409-9003.1R	Brown's Auto Salvage	Castleton
4412-9003.R	Vermont Castings Foundry	Randolph
4422-9003	Barney Marble Company	Swanton
4423-9003	Pike Industries, Inc.	Hartland
4425-9003.R	Pike Industries, Inc.	Woodford
4426-9003.R	Ames True Temper, Inc.	Wallingford
4427-9003.1	Britton Lumber Company, Inc.	Fairlee
4432-9003.R	Fibermark North America	Brattleboro
4433-9003.R	Plumb Lumber Co., Inc.	Andover
4440-9003.R	Hazelett Strip-Casting Corporation	Colchester
4459-9003.R	Lawrence White Construction	Dorset
4463-9003.R	Authentic Log Homes of Vermont, Inc.	Hardwick
4464-9003.R	D. Richard Automotive	Colchester
4465-9003.R	Shelburne Limestone Corporation	Swanton
4466-9003.R	Shelburne Limestone Corporation	Shelburne
4470-9003.R	Jeld-Wen, Inc.	Ludlow
4477-9003	Interstate Technology and Aerospace, Inc.	Burlington
4479-9003.R	S.D. Ireland Concrete Construction Corporation Inc.	Berlin
4480-9003.R	S.D. Ireland Concrete Construction Corporation Inc.	Swanton
4481-9003.R	S.D. Ireland Concrete Construction Corporation, Inc.	Morristown
4483-9003.R	M.B Heath & Sons Lumber Company, Inc.	Hyde Park
4486-9003.R	Lamell Lumber Corporation	Essex
4501-9003.R	Claire Lathrop Band Mill Inc	Bristol
4507-9003.R	Tivoly, Inc.	Derby
4508-9003.R	OMYA, Inc.	Pittsford
4519-9003.R	Perrigo Company	Georgia
4529-9003	Burgess Brothers, Inc	Bennington
4534-9003.R	Con-way Freight - XLL	Westminster
4553-9003.R	Franklin Foods, Inc.	Enosburgh
4557-9003.R	Ryegate Associates	Ryegate
4573-9003.R	P&P Lumber	Starksboro
4576-9003.R	Vtrans	Dorset
4577-9003.R	Vtrans	Hinesburg
4579-9003.R	Vtrans	Bennington
4580-9003.R	Vtrans	Springfield
4581-9003.R	Vtrans	Middlebury
4582-9003.R	Vermont Agency of Transportation	Berlin
4583-9003.R	Lussier's Sawmill	Enosburgh
4590-9003.R	Con-way Freight - XBR	Williston
4604-9003.R	G.W. Tatro Construction, Inc. - Belvidere Pit	Belvidere
4623-9003	Colton Enterprises	Pittsfield
4628-9003.R	Leach Family, Inc.	Enosburgh
4669-9003.R	Browns Sales & Service	Windsor
4710-9003.R	Tardie Memorials, Inc.	Berlin
4711-9003.R	Hadeka Stone Corp	Castleton
4712-9003.R	P.G. Adams, Inc.	Burlington
4742-9003.R	Charles Murray & Son	Lyndon
4750-9003.R	Shelburne Shipyard, Inc.	Shelburne
4754-9003.R	B-D-R Transport, Inc.	Westminster
4757-9003.R	Hodgdon Brothers, Inc.	Weathersfield
4763-9003.2	Greyhound Lines, Inc	Hartford
4770-9003.1R1	The Morrings, Inc	Colchester
4773-9003.R	S.D. Ireland Concrete Construction Corp.	Burlington
4776-9003.R	Casella Waste Management, Inc - Highgate Transfer Station	Highgate
4777-9003.R	Casella Waste Management Inc	Hyde Park
4788-9003.R	Casella Waste Management Inc	Arlington
4789-9003.R	Casella Waste Management Inc	Middlebury
4790-9003.R	Casella Waste Management Inc	Montpelier

Permit Number	Business	Project Town
4792-9003.RA	CSWD Material Recovery Facility - Casella Waste Management Inc.	Williston
4793-9003.R1	Casella Waste Management Inc	Hartford
4794-9003.R1	Casella Waste Management Inc	Rutland City
4795-9003.R	New England Waste Services of Vermont, Inc. Landfill	Coventry
4804-9003.R	Carris Reels, Inc.	Rutland City
4830-9003.R	General Dynamics Armament & Technical Products	Jericho
4847-9003.R	Queen City Steel	Burlington
4848-9003.R	Cooperman Fife & Drum, Co.	Westminster
4850-9003.R	Hinesburg Sand and Gravel Main Pit	Hinesburg
4852-9003.R	Okemo Gravel Extraction	Ludlow
4853-9003.R	North Hartland Tool Corporation	Hartland
4856-9003.R	Pelkey Pit	Ludlow
4858-9003.R	Addison County Asphalt Products	Middlebury
4859-9003.R	Allard Lumber Company	Brattleboro
4869-9003.R	Gagnon Lumber	Pittsford
4870-9003.R	Ranger Industrial Park, LLC	Colchester
4883-9003.R	Jeff's Autobody & Salvage, LLC	Milton
4884-9003.1	Rays Used Cars	Swanton
4906-9003.R	Timber Resource Group, Inc.	Burke
4907-9003.R	Timber Resource Group, Inc.	Hardwick
4908-9003.R	Caruso's Wood Poducts	Readsboro
4916-9003.R	Cersosimo Industries, Inc.	Vernon
4917-9003.R	Cersosimo Industries, Inc	Jamaica
4918-9003.R	Cersosimo Industries, Inc.	Weathersfield
4921-9003.R	Harrison Redi-Mix Corp.	Georgia
4922-9003.R	Harrison Sand, Inc.	Georgia
4924-9003.R	Bishop Enterprise	Springfield
4928-9003.R	Northeast Aggregate Corp.	Swanton
4929-9003.R	Brault's Market	Troy
4930-9003.R	Town of Rockingham	Rockingham
4931-9003.R	Bellows Falls Village Corp.	Rockingham
4932-9003.R	DCI Inc.	Royalton
4938-9003.R	Mr. Robert Yaremko	Arlington
4947-9003.R	City of St. Albans - WW Treatment Facility	St. Albans City
4951-9003.R	Wright's Excavating, Inc.	Berkshire
4952-9003.R	WRB, LLC	Highgate
4956-9003.R	Couture Trucking, Inc.	Troy
4965-9003	Green Mountain Fence	Glover
4971-9003.R	Greenstone Slate	Poultney
4972-9003.R	Briar Hill, LLC	Pawlet
4973-9003.R	Gillian Quarry	Cambridge
4984-9003.R	Carroll Concrete	Guildhall
4997-9003.R	Carroll Concrete	Berlin
4998-9003.R	Hayes Recycled Pallets, Inc.	Brandon
5002-9003.R	Champlain Construction Co., Inc.	Middlebury
5004-9003.R	Burnett Scrap Metals, LLC	Hinesburg
5010-9003.R	Cobb Lumber, Inc.	Londonderry
5011-9003.R	Carpenters Motor Transport, Inc.	Williston
5017-9003.R	Baker Slate Inc.	Wells
5019-9003.R	Dupuis Sand & Gravel	Brighton
5027-9003.R	Manchester Lumber	Johnson
5029-9003.R	L.E. Weed & Son, LLC	Hartford
5030-9003.A	Copper Mine Corporation	Wolcott
5037-9003.R	Weidmann Electrical Technology, Inc.	St. Johnsbury
5044-9003.R	Vermont Verde Antique LLC - Rochester Quarry	Rochester
5045-9003.R	Chester Quarry	Chester
5046-9003.R	Johnson Marble and Granite, Inc	Proctor
5047-9003.R	Town of Salisbury	Salisbury
5050-9003.R	Packard of Vermont	New Haven
5054-9003.R	Sheldon Slate Products Inc.	Rupert
5056-9003.R	Tatko Bros. Slate co., Inc.	Poultney

Permit Number	Business	Project Town
5057-9003.R	Sheldon Slate Production Co., Inc.	Poultney
5065-9003.R	Caledonia Ins., d/b/a Calco Inc.	Waterford
5066-9003.R	Deerfield Valley Transit Association, Inc.	Wilmington
5071-9003.R	HP Hood	Barre Town
5073-9003.R	All Metals Recycling, Inc.	Hardwick
5095-9003.R	Glover Log Yard - Wheelock Wood Yard, Inc.	Glover
5107-9003.R	Markowski Excavating, Inc.	Plymouth
5109-9003.R	Safety-Kleen Systems, Inc.	Barre City
5112-9003.R	United Parcel Service, Inc.	Barre City
5113-9003.R	United Parcel Service, Inc.	Hartford
5114-9003.R	United Parcel Service, Inc.	St. Johnsbury
5115-9003.R	United Parcel Service, Inc.	Rutland City
5116-9003.R	United Parcel Service, Inc.	Brattleboro
5117-9003.R	United Parcel Service, Inc.	Williston
5120-9003	HBH Prestain, Inc	Arlington
5121-9003	HBH Prestain, Inc.	Arlington
5122-9003	Green Mountain Prestain, Inc	Bennington
5133-9003.R	Twin State Sand and Gravel Co., Inc.	Hartford
5134-9003.R	Peckham Industries, Inc.	Shaftsbury
5135-9003.R	Waits Sand & Gravel	Shaftsbury
5136-9003.R	Peckham Industries, Inc.	Wilmington
5137-9003.R	William E Dailey Precast, LLC	Shaftsbury
5138-9003.R	Peckham Industries, Inc.	Jamaica
5139-9003.R	Peckham Industries, Inc.-William E. Dailey	Shaftsbury
5140-9003.R	Peckham Industries, Inc.	Shaftsbury
5141-9003.R	Peckham Industries, Inc.	Manchester
5165-9003.R	Newmont Slate Co., Inc.	Pawlet
5168-9003.R	Gosselin Enterprises, Inc.	Derby
5169-9003.R	Marble Valley Regional Transit District	Rutland City
5182-9003.R	Cyr Lumber, Inc.	Milton
5201-9003.R	Frank W. Whitcomb Construction Corp., Quarry, Hot Mix Plant	Colchester
5203-9003.R	Hinesburg Sand and Gravel Co., Inc. - Tracy Pit	Hinesburg
5204-9003.R	Hinesburg Sand and Gravel Co., Inc.	Hinesburg
5205-9003.R	Hinesburg Sand and Gravel Co., Inc. - Hill Pit	Hinesburg
5212-9003.R	Bolduc Auto Salvage, Inc.	Middlesex
5213-9003	New England Quality Service, Inc. - Wyre Wheel	Middlebury
5217-9003.R	Newmont Slate Co., Inc.	Pawlet
5218-9003.R	Newmont Slate Co., Inc.	Poultney
5223-9003.R	Dan Turner Automotive	Milton
5232-9003.R	Newmont Slate Co., Inc.	Poultney
5234-9003.R	St. Onge Custom Spreading	Derby
5242-9003.R	Fuller Sand & Gravel - Danby Pit	Danby
5248-9003.R	Vermont Quarries Corp. - Danby Quarry	Danby
5249-9003.R	Harvey Peavine Pit	Stockbridge
5250-9003.R	Washington County Railroad Company	Hartford
5251-9003.R	Vermont Railway, Inc.	Burlington
5252-9003.R	Vermont Railway, Inc.	Rutland City
5258-9003.R	Fontaine Sandpit	Williston
5261-9003.R	B&J Enterprises, LLC	Bennington
5265-9003.R	Ethan Allen Operations, Inc.	Canaan
5276-9003.R	Westwood Fences Inc	Irasburg
5277-9003.R	Jewett's Salvage & Auto	Eden
5280-9003.R	Vam Alstyne Family Farm Inc.	Royalton
5283-9003.R	Baird Mill	Waitsfield
5287-9003.R	Grimes, Inc.	Wolcott
5288-9003.R	S.A.W. Mill	Morristown
5291-9003.R	Croteau Auto Parts	Irasburg
5293-9003.1R	B&T Black Creek Farms, Ltd.	Fairfield
5302-9003.R	Mac Equipment & Steel	Rutland Town
5303-9003.R	Rosen & Berger Used Auto Parts	Rutland Town
5310-9003.R	Carris Reels, Inc.	West Rutland

Permit Number	Business	Project Town
5319-9003.R	Dale E. Percy Inc.	Morristown
5320-9003.R	Barre Town Gravel Pit	Williamstown
5321-9003	Gale Gravel Extraction Pit	Eden
5322-9003.R	LePage's Gravel Pit	Barre Town
5324-9003.R	Rutland Plywood Corp.	Rutland Town
5327-9003.R	LaBranche Lumber Co., Inc.	Newport City
5336-9003.1	Granville MFG. Co., Inc.	Granville
5344-9003.R	David Chaves	Andover
5346-9003.R	Norris Paving	Barton
5347-9003.R	Roscoe's Metal Salvage	Granby
5372-9003.R	Poulin Grain, Inc.	Newport City
5376-9003.R	Town of Bristol	Bristol
5409-9003.R	FEDEX Freight, Inc. - MPV	Berlin
5416-9003.R	Town of Craftsbury	Craftsbury
5427-9003.R	Ethan Allen Operations, Inc.	Barton
5430-9003.R	NSK Steering Systems America, Inc.	Bennington
5439-9003.R	Williamstown Gravel Pit	Williamstown
5458-9003	Evergreen Quarries, LLC	Wells
5482-9003.R	Kennametal, Inc.	Lyndon
5490-9003.R	Lathrop Limited Partnership	Bristol
5528-9003.R	Burlington Electric Department	Burlington
5548-9003.R	Rathe Salvage, Inc.	Colchester
5590-9003.R1	UPS Freight	South Burlington
5599-9003.R	Sto Corp.	Rutland Town
5639-9003.R	Sheldon Concrete and Sheldon Excavating	Pawlet
5663-9003.R	McCullough Crushing, Inc.	Calais
5667-9003.R	Wheeler Gravel Pit	Rockingham
5678-9003.R	Zaluzny Excavating Corporation	Vernon
5690-9003.R	Monadnock Stock Farm Gravel Pit	Lemington
5699-9003.R	John Cerreta Excavating	Pownal
5742-9003.R	Ducharme Gravel	Williamstown
5744-9003.R	Poulin Grain, Inc.	Swanton
5748-9003.R	McCullough Crushing Inc	Barre Town
5756-9003.R	Puffer Excavating, LLC	Groton
5759-9003.R	Winterset Inc	Lyndon
5779-9003.R	Wilk Paving, Inc. Batuminous Concrete Products & Recycling Facility	Rutland City
5794-9003.R	Town of Coventry	Coventry
5804-9003	Green Stone Slates	Wells
5829-9003.R	KingdomCome Corp.	Newport Town
5844-9003.R	Allard Stone Quarry	Chester
5925-9003.R1	YRC Inc., (Formerly Yellow Transportation, Inc.)	Williston
5983-9003.R	David Chaves	Londonderry
5992-9003.R	Lora Gravel Pit	Stamford
6005-9003	Copper Mine Corporation	Wolcott
6007-9003.R	FedEx Freight, Inc.	Rockingham
6012-9003.R	Grow Compost of Vermont LLC	Moretown
6032-9003.R	S.D. Ireland Airport Quarry	South Burlington
6035-9003.R	Town of Waitsfield	Waitsfield
6044-9003.R1	L-3 Communication Corporation	Brattleboro
6054-9003.R	Vermont Agency of Transportation	Calais
6055-9003.R	Big Rock Gravel Operations, Inc.	Londonderry
6057-9003.R	Pion Gravel Extraction Pit	Lowell
6059-9003.R	Gray's Asphalt Plant, Inc	Coventry
6061-9003.R	LSF Forest Products, LLC	Fletcher
6072-9003.R	Calkins Sand and Gravel, Inc	Coventry
6089-9003.R	David Chaves	Arlington
6098-9003.R	PBM Acquisition LLC	Charlotte
6110-9003.R	W B and R L Martin Inc	Bradford
6111-9003	Martelle Quarry	Wells
6118-9003.R	Barrup Farms, Inc.	Derby
6127-9003.R	Airport Sand and Fill, LLC	Highgate

Permit Number	Business	Project Town
6168-9003.R	Matt Waite Excavation	Pawlet
6171-9003	Peth Pit	Randolph
6209-9003.R	McCullough Crushing, Inc	Georgia
6213-9003.R	Paquette Sand Extraction	Highgate
6237-9003	American Waste & Metal, LLC	Castleton
6241-9003.R	Champlain Marina Inc	Colchester
6250-9003	Gates Salvage Yard, Inc.	Hardwick
6258-9003.R	Town of Braintree	Braintree
6276-9003	Woodard Marine	Castleton
6357-9003.R	Bartlett & Boyd Pit	Halifax
6361-9003.R	Blaisdell Route 14 Gravel Pit	Randolph
6381-9003.R	Kingdom Gravel and Aggregate, Inc.	Sheffield
6396-9003.R	Kent Nutrition Group	Richford
6407-9003.R	Swenson Granite Company	Woodbury
6408-9003.R	A.R. Rathburn Sand & Gravel	Bristol
6413-9003.R	Capitol Earthmoving, Inc.	Brookfield
6447-9003.R	Swenson Granite Company	Barre City
6452-9003.R	Maple Mountain Woodworks	Richford
6459-9003.R	Hefferman Rock Quarry	Bristol
6467-9003.R	Gray Rock Quarry	Milton
6472-9003.R	Vermont Compost Company	Montpelier
6480-9003.R	Limlaw Pulpwood Inc.	Topsham
6481-9003	Eureka Pit	Corinth
6487-9003	Oakes Salvage Yard	Hartford
6490-9003	C & C Bunnell Sand Pit	Barnet
6496-9003.R	Saxon Hill Corporation	Essex
6507-9003.R	Mid-State Sand & Gravel Operations, Inc.	West Haven
6513-9003.R	JCR Realty	Brattleboro
6522-9003.R	Ridge Road Quarry, LLC	Randolph
6523-9003.R	Hart's Gravel Pit	Pownal
6541-9003.R1	Bay Harbor Marnia, Inc.	Colchester
6567-9003.R	Calkins Rock Products, Inc.	Lyndon
6570-9003.R	David Patoine Pit	Burke
6577-9003.R	Casella Associates nc	Windsor
6593-9003.R	Twin Rivers Sand & Gravel	Bradford
6604-9003	Ladds Landing Marina	Grand Isle
6606-9003.R	Gilman Renewal LLC	Lunenburg
6639-9003.R	Casella Construction Inc.	Pittsford
6663-9003.R	Sceptre, LLC	Hyde Park
6664-9003.R	The highfields Institute DBA Highfield Center for Composting	Wolcott
6674-9003	Maple Lane Gravel	Barnet
6694-9003	Weston Island Logging, Inc.	Londonderry
6712-9003	Tom's Marine Service	Ferrisburgh
6728-9003	Powhatan, LLC	Ferrisburgh
6735-9003	Town of Bennington	Bennington
6737-9003	Butch Wilson Excavating	Rockingham
6749-9003	The Marina at Marble Island	Colchester
6761-9003	RJF Vermont Brick	Highgate
6771-9003	Brownell Auto Salvage Yard	Bennington
6796-9003	The Vermont Mulch Company, Inc.	Vernon
6802-9003	Alburgh Golf Links	Alburgh
6804-9003	North East Materials Group	Barre Town
6806-9003	Riegel Sand and Gravel	Glover
6807-9003	Twin Brook Gravel	Groton
6830-9003	Cersosimo Industries, Inc.	Newfane
6838-9003	William Barney Gravel Pit	Pownal
6848-9003	Riendeau	Sutton
6864-9003	Bullcok Sand and Gravel	Waterford
6888-9003	H.A. Manosh Inc.	Morristown
6896-9003	B&T Black Creek Farms, Ltd.	Fairfield
6908-9003	Wright Brothers VT, LLC	Newport City

Permit Number	Business	Project Town
6914-9003	Town of Duxbury	Duxbury
6940-9003	First Student, Inc	Brattleboro
6943-9003	Simpson Sand Pit	Lyndon
6965-9003	Town of Dummerston	Dummerston
6991-9003	Lands of Hopkins and Palmer	Grafton
6996-9003	South Mountain Pit	Goshen
7085-9003	Integrated Energy Solutions	Salisbury
7093-9003	Eddy Farm Pit	Chester
7101-9003	Manchester Brook Materials	Ryegate
7115-9003	Goodridge Lumber	Albany
7121-9003	Bearclaw Quarry	Rochester
7123-9003.A	Sunnymede Farm II, LP	Hartland
7127-9003	Town of Bakersfield	Bakersfield
7150-9003	Vermont Structural Slate Company	Fair Haven
7160-9003	TAM, Inc.	Pownal
7163-9003	Casella Construction, Inc.	Clarendon
7202-9003	Eden Sand and Gravel	Richmond
7262-9003	All Metals Recycling, Inc.	Williston
7265-9003	Town of Winhall	Winhall
7298-9003	ABF Freight System Inc.	Dummerston

Dam Safety annual fees from ski areas (dams capable of impounding more than 500,000 cubic feet of water)

Ski Area	Dam Name	Town	Hazard class	Annual fee
Bromley	Bromley Snow Pond	Peru	low	\$200
Haystack	Mirror Lake	Wilmington	low	\$200
Jay Peak	Jay Peak	Jay	significant	\$350
Killington	Snowshed Pond	Killington	significant	\$350
Killington	Mirror Lake	Killington	low	\$200
Magic Mountain	Magic Mountain	Londonderry	low	\$200
Stowe	Stowe Upper Golf Course	Stowe	high	\$1,000
Mt. Snow	Snow Lake	Dover	high	\$1,000
Mt. Snow	West Lake (2016)	Wilmington	high	\$1,000
Okemo	Okemo Snow Pond	Ludlow	high	\$1,000
Plymouth Notch	Plymouth Notch Snowm	Plymouth	significant	\$350
Smugglers Notch	Edwards Snowmaking	Cambridge	significant	\$350
Smugglers Notch	Smugglers Notch Village	Cambridge	significant	\$350
Smugglers Notch	Smugglers Notch Snow P	Cambridge	low	\$200
Stratton Mountain	Mahoney Pond	Winhall	high	\$1,000
Stratton Mountain	Stratton Mountain Lake	Winhall	low	\$200
Stratton Mountain	Gulf Brook Reservoir	Stratton	low	\$200
Sugarbush	Sugarbush Tank	Warren	high	\$1,000
Sugarbush	Sugarbush Snowmaking	Waitsfield	low	\$200
Total fees from ski areas				\$9,350

Vermont Department of Environmental Conservation*Agency of Natural Resources*

Commissioner's Office

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To: Representative Janet Ancel, Chair, House Ways and Means Committee
Representative Carolyn Branagan, Vice Chair, House Ways and Means Committee

From: David Mears, Commissioner, Department of Environmental Conservation

Date: January 30, 2015

Re: Department of Environmental Conservation SFY16 Fee Proposal

The Department fee proposal is outlined below in accordance with the fee spreadsheet you received from the Department of Finance and Management on January 15, 2015. The fee increases in this year's fee bill include two categories of fees:

- (1) General Program Support: This category of fees, totaling \$920,605, were developed to ensure effective service to Vermonters and to satisfy state and federal statutory obligations through support of our existing programs, while reducing our Department's reliance on general funds.
- (2) Clean Water Initiative: Our fee bill also includes a proposal, totaling \$1,540,806 to fund the Department's share of the responsibilities for implementing the state's Clean Water Initiative, including Lake Champlain restoration efforts.

PART 1: GENERAL PROGRAM SUPPORT FEES**UNDERGROUND INJECTION CONTROL (UIC)****Program Description**

The Department regulates businesses and industrial activities that inject non-sewage process water from their operations into groundwater. This activity, which is regulated by the Underground Injection Control (UIC) Program, can pose a serious threat to groundwater water quality and drinking water sources in Vermont. In October 2014, as directed by the Legislature, and to reflect existing requirements under federal and state law, the Department adopted amended UIC regulations which include major structural changes to how we regulate these discharges. The primary purpose of revisions to the fee structure is to bring the fees into alignment with new regulations.

Underground Injection Control (UIC) - Application Fees (Rows 106-113)

Fee Description and Explanation

The current application fees are based on the 1984 rules. The application fee includes a base, per gallon fee of \$0.06/gallon with a minimum application fee of \$400. Application fees are paid at the time of initial application or when a major modification occurs. There is no review fee associated with renewals, transfers or minor amendments.

The new rules and our proposed fee structure include a risk based system for assessing fees for these types of projects. The new fee structure takes into consideration: (1) the project's complexity; (2) the anticipated staff time required to review the application and to issue the permit; and (3) the proposed risk to groundwater. Increased risk sites will pay higher fees. This will be accomplished by breaking the fees into two categories dependent on whether or not the discharge meets groundwater quality standards at the point of discharge or under the ground surface. For sites that meet standards at the point of discharge (low risk) the proposed application fee is \$500 and \$0.10 per gallon for each gallon per day over 2,000. For sites that do not meet groundwater standards at the point of discharge, but meet groundwater standards at points of compliance in groundwater, typically at property lines, (medium risk), the proposed application fee is \$1,500 and \$0.20 per gallon for each gallon per day over 2,000.

Although, this is a federally delegated program, federal funds and current fees do not cover the entire cost of the program. New revenue generated by this fee change will be used to support UIC program staff.

Underground Injection Control (UIC) - Operating Fees (Rows 134-139)

Fee Description and Explanation

The current operating fees are based on the 1984 rules. All sites are currently charged the same annual operating fee of \$0.013 per gallon, with a minimum fee of \$250.

The proposed operating fee is \$500 and \$0.02 per gallon of each gallon over 2,000 (low risk). For sites that do not meet standards at the point of discharge, but meet groundwater standards at the point of compliance, typically property lines (medium risk), the proposed operating fee is \$1,500 and \$0.03 per gallon for each gallon over 2,000.

Although, this is a federally delegated program, federal funds and current fees do not cover the entire cost of the program. New revenue generated by this fee change, will be used to support UIC program staff.

POTABLE WATER SUPPLY AND WASTEWATER PROGRAM

Program Description

Approximately 55 percent of Vermont's population uses land based systems to treat sewage from their homes, businesses and schools. Improper management of sewage can lead to significant health risks and harm to ecosystems. The Department oversees the Potable Water Supply and Wastewater Program which requires permitting of: any land based disposal system of less than 6,500 gallons per day; connections and extensions to sanitary sewer mains and public water supplies of any size; and installation of small non-public drinking water supplies. The program processes approximately 2,500 permit applications per year and is administered through our regional offices in Barre, Essex, St. Johnsbury, Rutland and Springfield.

Potable Water Supply and Wastewater Program – Application Fees (Rows 140 – 144)

Fee Description and Explanation

This is a one-time application fee charged during initial permitting, or if the initial project requires an amendment. Potable Water Supply and Wastewater Permits run with the land and landowners do not pay ongoing operating or renewal fees.

Application fees are broken out into five categories depending on size of design flow and are assessed at the initial undertaking of a project. Fee increases are proposed below to maintain current levels of service while reducing the Program's current reliance on general funds to administer the cost of this program.

1. The smallest projects (\leq 560 gallons/day (gpd)), such as single family homes, fees are proposed to increase from \$245 to \$306.
2. Medium sized projects (>560 gpd to 2,000 gpd), such as small businesses, schools and apartment buildings, fees are proposed to increase from \$580 to \$870.
3. Residential subdivisions, commercial developments, and large businesses (> 2,000 gpd to 6,500 gpd) fees are proposed to increase from \$2,000 to \$3,000.
4. Extensions or connections to municipal sewer and water mains (>6,500 gpd to 10,000 gpd) fees are proposed to increase from \$5,000 to \$7,500.
5. Sub-divisions and large scale commercial development (>10,000 gpd) are proposed to increase from \$9,500 to \$13,500.

Potable Water Supply and Wastewater Program - Minor Amendments (Row 145)

Fee Description and Explanation

Minor amendments to a Potable Water Supply and Wastewater Permit include clerical or administrative changes. The fee for a minor amendment is currently \$100 and will be increased to \$150 under this proposal. It is estimated that the Department processes approximately 160 minor amendments per year. Fee increases are proposed below to maintain current levels of service while reducing the Program's current reliance on general funds to administer the cost of this program.

Potable Water Supply and Wastewater Program - Minor Projects (Rows 146-149)

Fee Description and Explanation

The fee for a minor project permit is currently \$180. Under this proposal, it will increase to \$270. Businesses, developers and individual homeowners will be impacted by these fees. It is estimated that we process approximately 180 minor project permits per year. One example is a restaurant that proposed to increase the volume of their wastewater (sewage) flows to a municipal system.

In addition, several fee line items have been deleted because they will now be captured under the minor projects fee.

DRINKING WATER PROGRAM

Program Description

The Drinking Water Program ensures that our citizens have access to clean and safe drinking water. Health issues that can be linked to contaminated drinking water include gastrointestinal illness, neurological impairment, chronic diseases, and increased risk of cancer. The program achieves its goals by ensuring that water systems are:(1) providing tools and oversight to ensure our water supply sources are protected from contamination (2) providing a sufficient amount of water to their users; (3) permitting and inspecting water systems, expansions and changes in treatment techniques; and (4) ensuring compliance with state and federal regulations through regular water quality monitoring and reporting. Seventy two percent of Vermonters are provided drinking water through public community water systems. There are approximately 420 of these systems in the state; they include municipal water systems, mobile home parks, and private residential communities such as a condominium complex. The program also regulates non-transient non-community water systems which include over 240 schools and businesses that provide drinking water through their own water source. Lastly, the program regulates approximately 700 transient non-community water systems which include restaurants, summer camps, campgrounds and motels that have their own source of drinking water, many serving the tourist industry.

Drinking water construction permits review the construction of new public drinking water systems and line extensions for existing systems, operational modifications such as new storage tanks, pumping stations, and treatment changes.

Public Community Water System - Construction Fees (Row 150-153)

Fee Description and Explanation

The current fee for all construction projects is a base rate of \$375, with a \$0.0055 per gallon surcharge. These revenues are used to support program engineering staff to provide technical review and permitting of these projects. Many projects do not involve increases in design flow (e.g. they are operational changes or line extensions), and therefore pay only the minimum fee.

Our proposal is to change to a flat fee per construction project structure, tiered to reflect the amount of time technical staff needs to adequately review projects. The proposed construction permit flat fee is \$900 for community and non-transient non-community (municipalities, businesses, schools), and \$500 for transient non-community (restaurants, motels, campgrounds).

Public Community Water Systems - Construction Permits Exemption Removal with DWSRF Loan Funding – (Row 219)

Fee Description and Explanation

The Department administers the federal Safe Drinking Water Act and state laws regulating drinking water quality and quantity, effectively protecting human health and the environment. DEC also administers the Drinking Water State Revolving Loan Fund (DWSRF) Program by which DEC provides low and negative interest loans to community drinking water systems for infrastructure improvements. Drinking water construction permits are required for these projects and ensure the review of the construction of new public drinking water systems and line extensions that are a part of those systems meet the required construction standards.

Currently, drinking water construction projects that are funded by the DWSRF are not required to pay a construction permit fee. Our proposal is to remove this exemption, ensuring that all projects, including municipal water systems, pay the \$900 flat fee to obtain a construction permit. This fee would be included as part of the total amount of the loan from the DWSRF program. The additional fee revenue would be used to cover the cost of the technical and engineering review of the proposed system prior to its construction.

Public Community Water System - Operating Fees (Row 155)

Fee Description and Explanation

All public water systems are currently subject to annual operating fees. These fees support all aspects of operation, compliance and engineering activities of the drinking water program. Community water systems currently pay a per gallon fee of \$0.0439 per 1,000 gallons.

Our proposal is to increase annual operating fees for community water systems to \$.0500 per 1,000 gallons.

Transient Non-Community Operating Fees (Row 154)

Fee Description and Explanation

All public water systems are currently subject to annual operating fees. These fees support all aspects of operation, compliance and engineering activities of the drinking water program. Transient non-community water systems currently pay annual operating fees of \$50.

Our proposal is to increase annual operating fees for transient non-community water systems to \$100.

Transient Non-Community Water System - Operator Certification Fees (Row 156)

Fee Description and Explanation

The current fee for operator certification is \$45 per year. This fee supports DEC's operator certification and training program as well as services for transient non-community water systems operators. Out of the 700 transient non-community water systems, there are approximately 200 that are currently exempt from the operator certification fee.

This fee proposal seeks to remove the exemption for those drinking water system operators who are also owners of the water system, resulting in all water system operators under this category paying the same fee.

WASTE MANAGEMENT & PREVENTION

Program Description

People who haul trash, recycling and biosolids from septic tanks for commercial purposes are required to follow rules and regulations for hauling. The program is administered by DEC's Solid Waste Management program to ensure proper handling and disposal of various non-hazardous waste streams. The program includes background checks, compliance and administration of the program.

Solid Waste Hauler Fees (Rows 157-160)

Fee Description and Explanation

The current fee for all vehicles is \$50 per year, with a large tractor trailer trucks paying the same fee as a half-ton pick-up truck. The Department's proposal includes a graduated fee for solid waste hauler permits based on vehicle size. For example, two axle vehicles, such as pick-up trucks and dump trucks, will continue to pay \$50 per year. Three or four axle vehicles, such as large dump trucks and packer trucks will pay \$75 per year. Vehicles with more than four axles, including tractor trailer trucks and tandem tractor trailer trucks, will pay \$100 per year. The fee structure was developed to make the fees more equitable, so that a small hauler does not pay the same fee as a large hauler with a much bigger payload and potential risk to the environment through improper handling of material or illegal dumping.

ENVIRONMENTAL ASSISTANCE OFFICE

Program Description

A number of facilities throughout the state use toxic substances as part of their manufacturing processes. Although the Department oversees that these materials are properly handled, treated and disposed, the ideal solution for hazardous waste management is to prevent waste from being generated in the first place. The Pollution Prevention Program is designed to help companies proactively reduce hazardous waste generation and the use of toxic substances using a structured planning process.

Pollution Prevention Plan Fees (Rows 201-206)

Fee description and explanation

Facilities are currently assessed fees on each toxic chemical used or hazardous waste generated with a series of caps for different users and/or generators. Fees are charged based on both by the type and quantity of toxic and/or hazardous substances used at a facility. Currently facilities pay a fee of \$350 for each hazardous waste stream and/or the type of toxic chemical used. Each facility that uses toxic chemicals or generates hazardous waste above 2,640 pounds per year is required to have a pollution prevention plan.

Class A generators (2,200 lbs or > per month) are currently capped at \$1,750 per plan, and \$3,500 if they are also large users. Class B generators (> than 220 lbs but < 2,200 lbs per month) are currently capped at \$350 per plan and \$1,050 if they are also large users. If a facility is strictly a large user they are currently capped at \$1,750. A large user is a manufacturing facility with more than 10 employees that uses or produces large quantities of toxic substances. Under this proposal, all fees associated with review of pollution prevention planning will be increased 14 percent, which will raise approximately \$8,400 in additional revenue. The new fees are as follows:

<u>Fee description</u>	<u>Per unit</u>	<u>Proposed Fee</u>
Toxic chemical identified	chemical	\$400
Hazardous waste stream identified	waste stream	\$400
Class A Generator (2,200 lbs or > per month)	cap per facility plan	\$2,000
Class B Generator (>220 lbs but <2,200 lbs per month)	cap per facility plan	\$400
Large User	cap per facility plan	\$2,000
Class A generators that are large users	cap per facility plan	\$4,000
Class B generators that are large users	cap per facility plan	\$1,200

The fees are used for program administration, including the review of plans and annual progress reports as well as assistance with preparation of both and identification of reduction opportunities.

AIR QUALITY AND CLIMATE

Program Description

Under the Clean Air Act, DEC regulates emissions of traditional air pollutants and hazardous air contaminants to ensure public health is protected. Examples of facilities regulated include large fuel combustion sources, spray coating operations, hot mix asphalt plants, wood processing plants, and rock crushing plants. All facilities regulated under this program are required to register with the Department so we can track the types of facilities and associated emissions. In addition, to the registration program, some facilities emit hazardous air contaminants, which are known or suspected to have an impact on human health. These facilities pay either a Hazardous Air Contaminant (HAC) emissions fee and/or a Hazardous Air Contaminant Fuel surcharge.

Fees are assessed on the facilities based on the quantity and toxicity of their emissions in order to help cover the costs of delivering services administering the registration program as well as the other costs associated with regulation of the facilities including permitting, compliance, planning and monitoring activities.

Annual Air Registration Base Fee (Rows 75-77)

Fee Description and Explanation:

Our proposal maintains the current base fee structure for large sources (10 tons/year) of \$1,500 per year. Under this proposal, we would now also assess a registration base fee on medium and small sources. Medium air pollution sources (5-10 tons/year), like hot mix asphalt plants and rock crushing operations, currently register and do not pay a base fee. Small sources (less than 5 tons/year), like crematories and concrete batch plants, while already subject to regulatory oversight, do not currently register or pay any fee.

There are currently 90 large facilities paying \$1,500 annually, which will see no increase in their fees. There are an estimated 50 medium facilities, which we propose to charge a base fee of \$1,000, and an estimated 40 small facilities, which we propose to charge a base fee \$500.

Hazardous Air Contaminant(HAC) Fee Simplification (Rows 194-200):

Fee Description and Explanation

In addition to the fees described in the base registration fee proposal, we also assess fees on facilities for the toxicity of their emissions. Currently facilities pay a fee for each pound of hazardous air contaminants emitted with those contaminants broken into one of five categories based on toxicity. We are proposing to reduce the number of categories from five to three, consistent with the three categories we currently use for other regulation of these contaminants. The categories would be (1) contaminants known or suspected to cause cancer, \$0.95 per pound emitted, (2) contaminants that cause chronic health effects, \$0.04 per pound emitted, and (3) contaminants that cause short term irritant health effects, \$0.02 per pound emitted. This fee recalibration will raise approximately \$15,000 in revenue which is spread over approximately 84 facilities.

Hazardous Air Contaminant(HAC) Fuel Fee (Rows 186-193):

Fee Description and Explanation

Currently air pollution sources pay a fee based on hazardous air contaminant emissions from fuel combustion. Under a companion fee proposal discussed above (Rows 195-201), the relative toxicity of each hazardous air contaminant was re-evaluated and placed in one of three bins. The primary purpose of the proposed revision to the fuel combustion surcharges is to ensure consistency with the revised fees below based on the re-evaluated toxicity and updated estimates of hazardous air contaminant emissions from various fuels based on current science. Overall revenues generated from fuel charges will increase from the current \$55,000 to a new total of approximately \$94,000, spread over approximately 135 facilities that currently pay these fees.

DAM SAFETY PROGRAM

Program Description

Dams play an important role in environmental management. They serve a number of purposes ranging from flood storage and protection for our land and communities, providing high quality drinking water sources, and creating and maintaining habitat for a natural communities. There are 440 dams in the state of Vermont subject to regulation by the Department’s Dam Safety Program.

Application for Authorization to Construct or Alter a Dam Fees (Rows 171-172)

Fee Description and Explanation

Authorization to construct a dam is required for the construction, enlarging, raising, lowering, remodeling, reconstruction, of any dam structure designed to hold more than 500,000 cubic feet of water.

The current application fee is 0.525 percent of construction cost with a minimum fee of \$200. The proposal is to raise the fee to 1.0 percent of construction cost with a minimum fee of \$1,000 to help defray the cost of application notice, review, and order issuance.

Owners of dams capable of impounding more than 500,000 cubic feet will be impacted by this fee increase. It is estimated that approximately six projects per year fall into this category.

Administrative and technical reviews are intensive and time consuming. The proposed project must conform to technical dam safety standards as well as current environmental standards to provide for public safety and environmental protection.

Dam Annual Registration Fee (Rows 173-175)

Fee Description and Explanation

The Dam Safety program conducts inspections to assess the condition of dams. All dams structures designed to hold more than 500,000 cubic feet of water are inspected on a regular basis.

The proposal includes new annual registration fees for dams as follows:

Hazard Class:	Proposed Fee:	Target Inspection Frequency:
Low Hazard Dam:	\$200/year	At least once every 5 years
Significant Hazard Dam:	\$350/year	At least once every 3 years
High Hazard Dam:	\$1000/year	Every year

Currently dam owners do not pay annual fees. This new registration fee is intended to generate revenue to ensure we have sufficient resources to perform these inspections without the need for additional General Funds.

Inspections determine the condition of each dam with poor being the lowest rating. More than a quarter of the significant and low hazard dams are in poor condition. About half of the low hazard dams have not been inspected in the last decade and in some cases have become higher hazard dams due to greater dangers in the event of a dam failure such as recent development down-river of the dam.

PART 2: CLEAN WATER FEES

Surface Water Pollution Discharge Administrative Processing Fee (Rows 78-80)

Fee Description and Explanation

Throughout the State of Vermont, surface waters are threatened by discharges of stormwater and wastewater and other discharges. This polluted water harms our ecosystems, rivers, and lakes, and puts drinking water sources at risk. The Department regulates these activities through stormwater, wastewater and wetlands permits. The fee affects multiple programs related to clean water.

Permit applicants, including landowners and developers, currently pay \$120 per application or renewal, at the time of application. Municipalities and State Agencies are currently exempt from this fee. Our proposal is to increase the fee to \$240 and remove the exemptions for municipalities and State Agencies, ensuring all regulated entities pay the fee. These fees are in the category of clean water fees assessed to support the Department's surface water protection programs including the costs of monitoring, basin planning, technical assistance, education and outreach, permitting and oversight.

STORMWATER MANAGEMENT PROGRAM

Program Description

Throughout the State of Vermont, surface waters are threatened by discharges of stormwater. Polluted runoff from stormwater can harm our ecosystems, rivers, and lakes, and put drinking water sources at risk. An example of impacts include increased sediment discharged into surface waters, causing excess nutrient pollution, resulting in among other things, toxic blue-green algae blooms that can harm animals and people, as well as compromise recreational uses, tourism and economic development. The Department regulates these activities through stormwater permitting.

Stormwater Discharge - Application Fees (Rows 90-91)

Fee Description and Explanation

Stormwater application fees are assessed at the time of initial application to developers and landowners, and when there is substantial modification. Currently, the application fee is \$430 per acre, with the minimum fee \$220 for projects less than one acre. Fees are not assessed on permit renewals.

Our proposal is to increase stormwater application fees to \$860 per acre, with a minimum of \$440 for projects less than one acre. Fees would continue to not be assessed on permit renewals.

Increased revenues would be used to cover the technical review needed for applications and design materials, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring. Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Stormwater Discharge - Operating Fees (Rows 121-124)

Fee Description and Explanation

Operating fees are annual fees that cover the operation of an ongoing discharge of stormwater from a regulated project. Property owners, developers, municipalities, statewide will be impacted by this fee increase. For discharges to Class A waters, the highest quality waters in the state, the current fee is \$255 per acre, with a minimum of \$235 per site. For discharges to Class B waters, the majority of waters in the state, the current fee is \$80 per acre, with a minimum of \$80 per site.

Under this proposal, the fee for discharges to Class A waters will be increased to \$310 per acre with a minimum fee of \$310. Fees associated with discharges to Class B waters will be increased to \$160 per acre with a minimum of \$160 per site. Stormwater operating fees with discharges to Class B waters fee affects over 2,000 projects, including residential, commercial, industrial and transportation.

Revenues from these fees would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Stormwater Discharge - Construction General Permit Application Fees (Rows 92-95)

Fee Description and Explanation

Coverage under the construction general permit are required for projects that disturb more than one acre during construction activities and includes both low pollution risk and moderate pollution risk sites.

Currently, fees are assessed on landowners and developers based on the risk of water pollution. The fee for a low risk site is currently \$50 and a moderate risk site is \$360.

Our proposal is to also take into account the size of the project when assessing a fee. For low risk sites less than five acres, the fee would increase to \$100. For low risk sites greater than five acres, the fee would increase to \$220. For moderate risk sites, the fee would increase to \$480 for projects less than five acres, and to \$640 for projects greater than five acres.

Increased revenues from this fee would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State’s clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Stormwater Discharge - Individual Construction Permit Application Fees (Rows 96-97)

Fee Description and Explanation

The Stormwater Discharge Individual Construction Permit Application is for sites not eligible for coverage under the general permit.

Currently, landowners and developers pay \$720 for an individual construction permit application fee. Among other costs of administering the stormwater program, these funds support the work of program staff to review applications, which is time-intensive due to the size and complexity of these sites.

Our proposal is to also take into account the size of the project when assessing a fee. Projects less than 10 acres will be charged \$1,200, and the largest and most complicated projects over 10 acres will be charged \$1,800.

Increased revenues from this fee would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

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Stormwater Multisector General Permit - Application Fee (Row 98)

Fee description and explanation

Currently, an application fee of \$220 is required for multisector general permit applications. Applicants include industrial facilities, identified by category in federal regulations, which are required to control polluted stormwater. Our proposal is to increase the application fee on these industrial facilities to \$440.

Increased revenues from this fee would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

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Stormwater Multi Sector General Permit (MSGP) - Operating Fees (Row 125)

Fee Description and Explanation

Operating fees are annual fees that cover the operation of an ongoing discharge of stormwater from a regulated project. Currently industrial facilities with discharges regulated under the MSGP pay \$80 per year per facility. Under our proposal, this industrial facility fee would be increased to \$160 per facility. This fee affects over 261 industrial facilities designated by federal regulations.

Revenues from these fees would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State’s clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Municipal Separate Stormwater (MS4) Permits - Application Fee (Row 99)

Fee Description and Explanation

The Municipal Separate Storm Sewer System Permit is also called MS4 and applies to certain municipalities which have been designated as requiring a MS4 permit based on their size and location.

Currently, MS4 fees are assessed on Burlington, South Burlington, Colchester, Essex, Essex Junction, Milton, Shelburne, Williston, Winooski, Burlington International Airport, UVM, Rutland Town, Rutland City, St. Albans’s Town, St. Alban’s City, and VTrans. The application fee is \$1,200, assessed when a project is initiated or if there is a significant change or amendment to activities. Our proposal is to increase the fee to \$2,400.

Increased revenues from this fee would be used to cover the technical review needed for applications, plan submissions, and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State’s clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Municipal Separate Stormwater (MS4) Permits - Operating Fees (Rows 126-127)

Fee description and explanation

The Municipal Separate Storm Sewer System Permit is also called MS4 and applies to certain municipalities which have been designated as requiring an MS4 permit based on their size and location.

Operating fees are currently assessed annually. The current fee is \$80 per community. Only municipalities that fall under the MS4 permit requirement will be assessed these fees. The MS4 fee currently impacts Burlington, South Burlington, Colchester, Essex, Essex Junction, Milton, Shelburne, Williston, Winooski, Rutland Town, Rutland City, St. Alban’s Town, St. Alban’s City, Burlington International Airport, UVM, and VTrans.

Under our proposal, the existing fee of \$80 per community will be replaced with a fee of \$10 per acre of impervious surface. The fees will vary depending on the level of development in a MS4 municipality.

Revenues from these fees would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State’s clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Residual Designation Authority Permits - Application Fees (Rows 100-103)

Fee description and explanation

Residual designation authority (RDA) program mitigates impacts from stormwater runoff from impervious surfaces that contributes pollution to an impaired water. Regulation of these sites is part of the Department’s strategy to improve impaired surface waters in the state.

Landowners of existing development designated as requiring permit coverage due to their impacts to impaired waters currently pay a fee. Class A waters are designated as the highest quality in the state, or waters that could be used for drinking water supplies. Surface water that is not listed as Class A is considered Class B. For discharges to Class B waters, the fee is \$430 per acre, with a minimum fee of \$220. For discharges into Class A waters, the fee is \$1,400 per acre, with a minimum fee of \$1,400. There are very few instances where RDA designation applies to a Class A water.

Our proposal is to increase the fees to \$1,700 per acre with a minimum fee of \$1,700 for Class A waters and \$860 per acre for Class B waters with a minimum fee of \$280 per site. This is an existing fee which will be expanded to more properties in the future, particularly in the Lake Champlain watershed.

Increased revenues from this fee would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Residual Designation Authority Permit - Operating Fees (Rows 128-131)

Fee Description and Explanation

This residual designation authority (RDA) program mitigates impacts from stormwater runoff from impervious surfaces that contributes pollution to an impaired water. Residual designation includes existing development. Regulation of these sites is part of the Department's strategy to improve impaired surface waters in the state.

The fee impacts land owners of existing development designated as requiring permit coverage due to their impacts to impaired waters. The current annual fee for discharges to Class A waters, this highest quality waters in the state, is \$255 per acre with a minimum fee of \$255. For discharges to Class B waters, the majority of surface waters in the state, the annual operating fee is \$80 per acre with an \$80 minimum.

Our proposal is to increase the operating fee to be consistent with the proposal for other stormwater operating fees. The per acre fee for discharges to Class B waters will be increased to \$160 per acre with a minimum fee of \$160. Fees for discharges to Class A waters would increase from to \$310, with a minimum fee of \$310. Existing sites that have previously not been required a stormwater discharge permit would be required to pay annual operating fees. These fees do not currently affect a large number of projects but may affect a larger number in the future as the program addresses management of impaired waterways under the new Clean Water Initiative and TMDL implementation plan.

Revenues from these fees would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Municipal Roads and State Roads (TS4) Permits - Application Fee (Rows 104-105)

Fee Description and Explanation

The Municipal Roads and State Roads (TS4) Permit is a new regulatory program that will target reduction of sediment and phosphorus discharges to surface water by ensuring that best management practices including proper sizing of culverts and erosion control are implemented by VTrans and municipalities.

Municipal and state roads do not currently require a stormwater permit, unless they expand or redevelop one acre of road surface, yet account for a significant portion of pollution into the State's waters. The proposed municipal roads fee would initially apply to all municipalities in the Lake Champlain watershed, payable on a five year basis (\$400 every five years), every time a new general permit is issued. Over time, the state intends to expand this program to operate statewide. The state roads, or TS4, \$1,200 per application fee would affect VTrans, and would be offset in part, as VTrans would no longer pay application fees under other stormwater discharge permits. This fee would also be paid once every 5 years.

Revenues from these new fees would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring.

Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Municipal Roads and State Roads (TS4) Permits - Operating Fee (Rows 132-133)

Fee Description and Explanation

The Municipal Roads and State Roads (TS4) Permit is a new regulatory program that will target reduction of sediment and phosphorus discharges to surface water by ensuring that best management practices including proper sizing of culverts and erosion control are implemented by VTrans and municipalities.

These are new fees. The municipal roads fee would initially apply to all municipalities in the Lake Champlain watershed though the State intends to expand this program to operate statewide over time. In this first stage of the program, each municipality in the Lake Champlain watershed would be assessed a fee of \$2,000 per municipality annually. While there are over 100 municipalities in the Lake Champlain watershed it is anticipated that not all municipalities will immediately fall into the need for this authorization but will be phased in over the next several years. The State Roads (TS4) operating fee is a new annual fee of \$90,000 per year that affects VTrans. The \$90,000 increase in annual fees would be offset in part because VTrans would no longer pay operating fees under other stormwater discharge permits.

Revenues from these new fees would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring. Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

Stormwater VTrans and *Municipal* Application Fee Exemption Removal – (Rows 207-209, 213-215)

Fee Description and Explanation

Currently, VTrans and municipalities do not pay fees for application review and approval. Our proposal is to remove this exemption to make fees paid by VTrans and municipalities consistent with other facilities. Specific fees that would fall under this exemption removal are: \$860 stormwater discharge permit application fee, \$440 construction permit application fee and \$240 for the administrative processing fee for discharges.

Revenues from removing this exemption would be used to cover the technical review needed for applications and design materials, perform site visits and inspections, ensure compliance, provide technical oversight and support, and to support other activities such as basin planning, hydraulic modeling, and monitoring. Stormwater management is a critical component of the State's clean water initiative and Lake Champlain restoration plan. The increase in fees across all stormwater programs will support our efforts to more effectively target polluted stormwater runoff as a major contributor to degraded water quality in state waters including Lake Champlain.

WASTEWATER MANAGEMENT PROGRAM

Program Description

Throughout the State of Vermont, surface waters are threatened by discharges of wastewater. This pollution harms our ecosystems, rivers, and lakes, and puts drinking water sources at risk. Impacts from wastewater treatment plants can include fish kills and beach closures due to high levels of E. Coli, a public health threat when not properly managed. The Department regulates these activities through municipal and industrial wastewater treatment plant permits.

Wastewater Treatment Plant Discharge Permit - Application Fees (Rows 81-85)

Fee Description and Explanation

Currently the Department regulates 226 municipal and industrial facilities that discharge to surface waters. The current fee is \$0.0023/gallon, with a minimum fee of \$50 and maximum fee of \$30,000. The fees are used to cover initial application reviews and process changes. Fees are not charged for renewal, transfer of ownership, or minor amendments.

Our proposal is to raise the minimum (\$50 to \$100) and per gallon fee (\$0.0023/gallon to \$0.003/gallon), with no increase to the maximum fee. We propose a new fee that will charge for renewals, transfers of ownership, and minor amendments of \$0.002/gallon, with a minimum fee of \$50 and maximum of \$5,000. Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

Wastewater Pretreatment Discharge - Application Fees (Rows 86-89)

Fee description and explanation

Industrial facilities sometimes produce wastewater that must be pre-treated before it is discharged into municipal sewer systems. These facilities produce wastewater that cannot be effectively managed at the municipal wastewater system without pretreatment first. The requirement for pretreatment protects the infrastructure of the wastewater treatment plant, and the ultimate discharge to surface waters. If left untreated, these sources of wastewater could cause damage to the facilities and result in violations for a municipal facility that could result in additional costs to the municipality or rate payers. The Department regulates these activities through wastewater pretreatment discharge permits.

There are 44 industrial pre-treatment facilities that discharge into a municipal collection system. They pay \$0.12/gallon in fees, with a minimum fee of \$50 per application. Renewal, transfer and minor amendments are currently not charged a fee. These fees are used to cover permitting, inspection, and regulatory oversight costs.

Our proposal is to increase the per gallon fee to \$0.20/gallon, and the minimum fee to \$100 per application. We propose to charge a renewal, transfer and minor amendment fee of \$0.002/gallon to be consistent with the wastewater pollution discharge application fee and for ease of administration, with a minimum of \$50.

Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

Wastewater Discharge Pretreatment - Operating Fees (Rows 119-120)

Fee description and explanation

Industrial facilities that pre-treat wastes prior to discharge into a municipal collection system currently pay \$0.0385/gallon of permitted capacity with an minimum fee of \$150 with a maximum fee of \$27,500.

Our proposal is to raise the rate to \$0.040/gallon and the minimum fee from \$150 to \$200. No increase in the maximum fee (\$27,500) is proposed.

Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

Wastewater Industrial Discharge - Operating Fees (Rows 114-115)

Fee description and explanation

Industrial facilities that discharge to surface waters currently pay operating fees \$0.0010/gallon with a minimum fee of \$150 and a maximum fee of \$210,000. There are currently 31 industrial facilities that pay operating fees. Our proposal is to increase the per gallon fee to \$0.0015/gallon with a minimum fee of \$200.

No increase in the maximum fee (\$210,000) is proposed. Vermont Yankee has been the only facility to reach the maximum fee, and once the company's discharge ceases.

Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

Wastewater Discharge Municipal - Operating Fees (Rows 116-118)

Fee description and explanation

There are currently 88 municipal facilities that pay operating fees. The program currently collects annual operating fees based on per gallon of wastewater flows through a municipal wastewater system. The current fee is \$0.003 per gallon with a minimum fee of \$150, and a maximum fee of \$12,500.

Under our proposal, the minimum operating fee will increase to \$200 and the maximum fee will remain the same. The per gallon fee will also remain \$0.003/gallon; however, the basis for the calculation of these fees will change. Current fees are based on actual flows instead of design flows, or permitted capacity. We propose that the fees be based on design capacity.

Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

Wastewater Management – Certification of Sewage Treatment Plant Operators (Row 176)

Fee Description and Explanation

All treatment facilities require the employment of at least one, and in some cases as many as 20 certified operators. The current fee is \$110, operators are required to obtain initial certification and renew their certification once every five years at this rate.

Under our proposal, the fee will be increased from \$110 to \$125. DEC staff provides training, certification and support of wastewater treatment plant operators. Municipalities, businesses with industrial wastewater discharge or contract operators will be impacted by this fee increase.

Wastewater Management – Sludge or Septage Facility Certifications (Rows 177-178)

Fee Description and Explanation

Approximately 17 percent, of residual solids from wastewater treatment plants are land applied for agronomic benefit, or undergo advanced treatment. This Program ensures that residual (sewage and sludge) treatment, storage and land application occurs responsibly with no impact to human health, groundwater or surface resources.

Fees for applications for certification of sludge and septage land application facilities and for facilities that treat sludge or septage to pathogen reduction standards are proposed to be raised from \$950 to \$1,000, and fees for all other regulated septage and sludge storage and treatment facilities are raised from \$110 to \$125.

The fee for land application facilities is assessed only during the initial application and upon renewal of the certification which can be valid for up to 10 years. The fees for all other facilities will be increased from \$110 to \$125 per application.

Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

Wastewater Management - Septic Tank Pumping Fee (Row 185)

Fee Description and Application

Approximately 55 percent of Vermont's population uses land based system to treat sewage from their homes, businesses and schools that are not connected to municipal sewer systems. Improper management of sewage can lead to significant health risks and harm to ecosystems. Landowners with soil based wastewater disposal systems typically have their septic tanks pumped out by a residuals (solid waste) hauler approximately once every five to seven years. These residuals must be treated at a certified wastewater treatment plant or solid waste management facility.

Under this new fee, residuals haulers will be assessed a fee of \$10 per 1,000 gallons of septage (residuals) hauled. The average homeowner septic tank is typically holds up to 1,000 gallons of septage. While this fee will be assessed against septage (also known as residuals) haulers, the cost will likely be passed onto homeowners when they have their septic tank pumped. An average single family home would see an increase of approximately \$10 that would be assessed every five to seven years, which is the recommended period for having your septic tank pumped. Since residuals haulers already bill homeowners and report quarterly to the DEC, administrative costs to the haulers should not be overly burdensome.

Revenues generated under this fee will support DEC's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues would be used to cover the technical review needed for applications and design materials, permitting, inspection, operator training, as well as technical oversight and support, basin planning, hydraulic modeling, and monitoring.

WETLANDS PROGRAM

Program Description

A wetland is a unique surface water feature that provides vital functions to our environment such as flood storage, water quality protection, aesthetics and recreation and supports diverse species of both plant and animals. Only 5 percent of Vermont's land surface is classified as wetlands. It is of critical importance to protect this valuable resource. Where development occurs within or near wetlands, the program works with the developers and issues permits to authorize projects if the work can be completed with no effect on the wetland function.

Wetlands Municipal Exemption Removal (Rows 179-180)

Fee Description and Explanation

Currently, developer and landowners that disturb a wetland are required to pay \$0.75 per square foot for area within a class I or II wetland and \$0.25 per square foot for area within a wetland buffer. Class I and Class II wetlands are considered to be of highest value and are regulated by DEC. Class III wetlands, also often involved in development, some are typically regulated by the Army Corps of Engineers. A wetland buffer is the area adjacent to a wetland which protects the wetland from outside disturbances.

Under this proposal, the per acre fees will not change, however, the exemption for municipalities will be removed. The current fee of \$0.75 per square foot of proposed impact to Class I or II wetlands and \$0.25 per square foot of proposed impact to Class I or Class II wetland buffers will remain the same.

These fees will support the state's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues will be used to support technical review and site inspections necessary for permitting and related approvals.

Wetlands VTrans Exemption Removal (Rows 181-182)

Fee Description and Explanation

Similar to the municipal exemption removal described above, the per acre fees will not change, however, VTrans have previously been exempt from paying this fee. The current fee of \$0.75 per square foot of proposed impact to Class I or II wetlands and \$0.25 per square foot of proposed impact to Class I or Class II wetland buffers will remain the same.

These fees will support the state's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues will be used to support technical review and site inspections necessary for permitting and related approvals.

Wetlands After the Fact Permit Fees and Application Resubmittal (Row 183)

Fee Description and Explanation

Landowners and developers that seek approval from the wetlands program after disturbance to the wetland has already occurred pay the same square foot fees of \$0.75 for activity in a Class I or Class II wetland and \$0.25 per square foot in a wetland buffer. This is the same fee as people who have gone through the proper permitting review process.

We are proposing to increase this fee to \$1.50 per square foot. When a violation occurs, in a few instances, the best solution is to leave the activity in place rather than disturb the wetland again. After the Fact Permits receive a more intensive review and require more staff time. After the Fact permitting and violations can often hold up the development process for those seeking permits before construction because DEC staff review time is spent addressing after the fact permitting and violations. Discouraging this activity by seeking guidance and technical assistance prior to undertaking a project will provide benefit to the environment and those who are appropriately moving through the permitting process.

This increase fee pays for staff time working towards project compliance which is more time consuming than the regular permitting process. Increased revenues will be used to support technical review and site inspections necessary for permitting and related approvals, basin planning and modelling. These fees will support the state's clean water initiative and Lake Champlain restoration plan implementation.

Wetlands Application Revision Fee (Row 184)

Fee Description and Application

This proposal includes a new \$100 fee charged for each wetland application revision. While, this fee will not create a large amount of revenue, it will lead to better initial applications and fewer submittals for staff to review. The program currently processes approximately 100 permits per year, it is estimated that about half of these are returned to the applicant for revision.

Property owners, municipalities, and developers applying for wetlands permits will be impacted by this fee. These fees will support the state's clean water initiative and Lake Champlain restoration plan implementation. Increased revenues will be used to support technical review and site inspections necessary for permitting and related approvals, basin planning and modelling.

RIVERS PROGRAM

Program Description

Vermont's rivers and streams are valued not only for aesthetics and recreation, but also for their important role in mitigating flood hazards. Changes to the morphology of a river can alter the path of and velocity of water flow resulting in increased sedimentation, flooding and aquatic ecosystem destruction. The Rivers program regulates activities that occur within rivers and streams that include greater than 10 cubic yards of fill. Typically these stream alteration projects include new or replacement bridges and culverts, stream bed and bank stabilization projects and stream channel realignment projects.

Stream Alteration Permits (Rows 161-165)

Fee Description and Explanation

This program is implemented under both a general permit for emergency projects (necessary to address imminent or next flood threats to improved property) and individual permits for more technically complex projects. Applicants currently pay \$225 for an individual stream alteration permit. There is currently no fee assessed for the general permit, and the program is heavily general funded. Municipalities and VTrans are exempt from the individual permit fees landowners pay.

Under our fee proposal, all applicants would pay \$200 for coverage under the general permit and \$350 for an individual permit. This is a one-time fee at the time of initial application. Municipalities and VTrans would no longer be exempt from these fees.

Services provided by the program include review, and inspection of projects to assure affected landowners and general public benefit by maintaining stream standards to reduce flood and fluvial erosion hazards and significant damage to fish and wildlife.

Managing activities in rivers and streams is part of state's clean water initiative and Lake Champlain TMDL implementation plan. The River Management provides permitting services, technical assistance and outreach to applicants, and provides monitoring and oversight.

Flood Hazard Area Permits (Rows 166-169)

Fee Description and Explanation

Vermont's rivers and streams are valued not only for aesthetics and recreation, but also for their important role in mitigating flood hazards. Development in flood hazard areas and river corridors can have serious consequences, to human health, land quality, and fish and wild life if not properly managed. This program regulates development and state facility encroachments within flood hazard areas and river corridors requiring an individual permit under the Flood Hazard Area and River Corridor Rules.

This is a new fee removing the exemption for state facilities, and projects located in a municipality that are not subject to municipal regulation, in flood hazard areas and river corridors. The permit fees will range from \$200 to \$350 under an Individual Permit for state facilities, depending if detailed engineering and technical (hydraulic and hydrologic) modeling is required.

Services provided by the Program include review, and inspection of projects to assure affected landowners and general public benefit by minimizing risk to flood hazard areas as a result of development.

Managing activities in rivers and streams is part of state's clean water initiative and Lake Champlain TMDL implementation plan. The Rivers Program provides permitting services, technical assistance and outreach to applicants, and provides monitoring and oversight.

By having the opportunity to conduct technical modelling of stream equilibrium conditions, the development community, municipalities and general public benefit by the assurance that proposed developments will meet state standards designed to reduce new flood and fluvial erosion hazards.

Rivers Program River Corridor Map Amendment (Row 170)

Fee Description and Explanation

Vermont's rivers and streams are valued not only for aesthetics and recreation, but also for their important role in mitigating flood hazards. Development in flood hazard areas and river corridors can have serious consequences, to human health, land quality, and fish and wild life if not properly managed. The purpose of this program is to review and approve proposed major changes to flood hazard areas and river corridors during the Act 250 permitting process or municipal flood hazard area and river corridor bylaws reviews.

Currently developers with projects requiring Act 250 or municipal land use permits who wish to challenge the Agency's published river corridor base maps are not assessed a fee.

Under our proposal, there will be a fee of \$350 to cover staff time associated with these reviews and amendments to the Agency's base map. It is estimated that we will review 10 projects per year.

LAKES AND PONDS PROGRAM

Program Description

The Lake Encroachment Permit program has jurisdiction over work in the public water of lakes, ponds and reservoirs. Permit conditions aim to reduce impact to public trust resources (including water quality, habitat, and recreation/navigation) and to minimize new fill in lakes. Projects typically include retaining walls, marinas, bridges, dredge and fill, and access area work. Municipal projects usually include installation of dry hydrants and stabilization of road banks along lakes.

Throughout the State of Vermont, lakes, ponds and reservoirs are challenged with development along their shorelines which can cause unintended consequences such as water pollution and harm to fisheries and shoreline habitat for birds and other wildlife.

Lake Encroachment Permit VTrans and Municipal Exemption Removal (Row 210-212, 216-218)- Clean Water

Fee Description and Explanation

While the proposal does not change the fees, it does involve the removal of an exemption for municipalities and VTrans projects so that both entities will pay the same fees as private landowners. VTrans projects usually include replacement bridges and stabilization of road

banks along lakes. Typical municipal projects include retaining walls, shoreline stabilization along town roads, town marinas, bridges, dredge and fill and possibly town boat ramp work.

Under this proposal, VTrans and municipalities are required to pay a fee ranging from \$155 to \$300 depending on the type of project. Review of VTrans and some municipal projects often involves substantial staff time. Particularly when a project is reviewed in the design phase, lake and shoreland protection can be maximized.

Managing activities along shorelines is part of the state's clean water initiative and Lake Champlain TMDL implementation plan. The Lakes and Ponds program provides permitting services, technical assistance and outreach to applicants, and provides monitoring and oversight.