

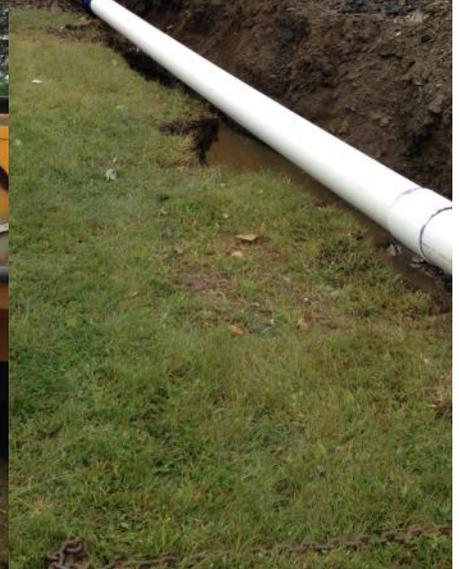
Vermont Rural Fire Protection Task Force 1998-2014 Rural Water Supply (Dry Hydrant) Grant Program



Vermont Association of Conservation Districts (VACD)

PO Box 566, Waitsfield, VT 05673-0566 www.vacd.org
Troy Dare, Rural Fire Protection Program Manager
(802) 828-4582 or dryhydrantguy@yahoo.com

The mission of the Vermont Rural Fire Protection Task Force is to improve the safety and welfare of Vermont communities by assisting local fire departments in reducing the risk of injury, loss of life, and damage to property and natural resources.



1998-2014 Dry Hydrant Grant Program Recipients

212 Towns were awarded 824 dry hydrant grants up to \$4,000 totaling nearly \$1.5M funded by Vermont Legislative Appropriations through the Department of Public Safety



These 43 Towns shown in white have not yet completed a State funded dry hydrant grant:

- | | |
|---------------------|-------------------|
| Alburg | Panton |
| Andover | Peru |
| Avery's Gore | Pittsford |
| Barnard | Proctor |
| Barnet | Richmond |
| Barre (City) | Ripton |
| Brighton | Rutland (City) |
| Burlington | Searsburg |
| Buel's Gore | Somerset |
| Chester | South Burlington |
| Fairlee | St. Albans (City) |
| Fair Haven | St. George |
| Ferdinand | Stannard |
| Franklin | Vergennes |
| Glastenbury | Warners Grant |
| Isle LaMotte | Warren Gore |
| Jamaica | Weston |
| Kirby | West Rutland |
| Langrove | Winhall |
| Lewis | Winooski |
| Lemington | Williston |
| Ludlow | |



Note: Some of these towns have applied in the past but their projects weren't completed for one reason or another. The 5 towns in **RED** have benefitted from the Special Cases Grant Program. (See P4)

Rural Fire Protection Task Force Members:

Tom Maclay, Chair, Marshfield VFD
 Bill Sanborn, Vice-Chair, Town of Maidstone
 George Cook, UVM Extension
 Gail Lapierre, UVM Extension
 Bill Barry, Berlin VFD
 Neil Fulton, Norwich Town Manager
 Jeremy McMullen, VT Enhanced 9-1-1

Stuart Farnham, Nationwide Insurance
 Bill Snow, UVM Extension
 Jenny Nelson, Senator Bernie Sanders Office
 Leo Larocque, Cooperative Insurance
 Mike Greenia, Vermont Division of Fire Safety
 Tess Greaves, Vermont Forest Parks & Recreation

1998-2014 Dry Hydrant Grant Program Recipient Numbers

212 Towns were awarded 1 or more dry hydrant grant(s) funded by
Vermont State Legislative Appropriations through the Department of Public Safety

Addison (20) 73 Grants

Addison - 6
Bridport - 6
Bristol - 9
Cornwall - 2
Ferrisburg - 2
Goshen - 1
Granville - 1
Hancock - 2
Leicester - 1
Lincoln - 1
Middlebury - 3
Monkton - 6
New Haven - 11
Orwell - 7
Salisbury - 1
Shoreham - 1
Starksboro - 6
Waltham - 1
Weybridge - 3
Whiting - 3

Bennington (12) 38 Grants

Arlington - 1
Bennington - 1
Dorset - 1
Manchester - 1
Pownal - 4
Readsboro - 6
Rupert - 7
Sandgate - 8
Shaftsbury - 3
Stamford - 3
Sunderland - 1
Woodford - 2

Caledonia (14) 52 Grants

Burke - 5
Danville - 4
Groton - 3
Hardwick - 1
Lyndon - 3
Newark - 3
Peacham - 1
Ryegate - 6
Sheffield - 2
St. Johnsbury - 5
Sutton - 4
Walden - 5
Waterford - 7
Wheelock - 3

Chittenden (11) 35 Grants

Bolton - 2
Charlotte - 7
Colchester - 1
Essex - 1
Hinesburg - 2
Huntington - 5
Jericho - 1
Milton - 1
Shelburne - 3
Underhill - 1
Westford - 11

Essex (12) 24 Grants

Averill - 1
Brunswick - 1
Bloomfield - 1
Canaan - 5
Concord - 3
East Haven - 1
Granby - 1
Guildhall - 1
Lunenburg (Gilman) - 3
Maidstone - 4
Norton - 2
Victory - 1

Franklin (13) 45 Grants

Bakersfield - 3
Berkshire - 1
Enosburg - 8
Fairfax - 2
Fairfield - 4
Fletcher - 3
Georgia - 4
Highgate - 4
Montgomery - 7
Richford - 3
Sheldon - 3
St. Albans - 2
Swanton - 1

Grand Isle (2) 2 Grants

Grand Isle - 1
South Hero - 1

Lamoille (10) 58 Grants

Belvidere - 2
Cambridge - 11
Eden - 8
Elmore - 5
Hyde Park - 11
Johnson - 4
Morristown - 6
Stowe - 5
Waterville - 2
Wolcott - 4

Orange (17) 81 Grants

Bradford - 6
Braintree - 2
Brookfield - 1
Chelsea - 6
Corinth - 6
Newbury - 5
Orange - 7
Randolph - 2
Rochester - 1
Strafford - 8
Thetford - 3
Topsham - 9
Tunbridge - 4
Vernshire - 10
Washington - 6
West Fairlee - 4
Williamstown - 1

Orleans (19) 81 Grants

Albany - 5
Barton - 2
Brownington (Orleans) - 8
Charleston - 7
Coventry - 8
Craftsbury - 13
Derby - 1
Glover - 2
Greensboro - 5
Holland - 5
Irasburg - 5
Jay - 1
Lowell - 6
Morgan - 2
Newport - 2
Newport City - 3
Troy - 1
Westfield - 2
Westmore - 3

Rutland (24) 109 Grants

Benson - 5
Brandon - 4
Castleton - 1
Chittenden - 3
Clarendon - 2
Danby - 9
Hubbardton - 1
Ira - 1
Mendon - 2
Mount Holly - 8
Mount Tabor - 1
Middletown Springs - 7
Pawlet - 3
Pittsfield - 3
Poultney - 3
Rutland (Town) - 4
Sherburne(Killington) - 11
Shrewsbury - 8
Sudbury - 3
Tinmouth - 5
Wallingford - 1
Wells - 8
West Haven - 4
West Pawlet - 12

Washington (18) 68 Grants

Barre (Town) - 2
Berlin - 5
Cabot - 7
Calais - 8
Duxbury - 1
East Montpelier - 4
Fayston - 1
Marshfield - 7
Middlesex - 4
Montpelier - 1
Northfield - 4
Plainfield - 5
Roxbury - 6
Waitsfield - 2
Warren - 1
Waterbury - 2
Woodbury - 4
Worcester - 5

Windham (21) 64 Grants

Athens - 3
Brattleboro - 2
Brookline - 2
Dover - 5
Dummerston - 7
Grafton - 3
Guilford - 1
Halifax - 2
Londonderry - 2
Marlboro - 4
Newfane (Broadbrook) - 4
Putney - 3
Townshend - 3
Rockingham - 3
Stratton - 1
Vernon - 1
Wardsboro - 3
Westminster - 3
Whitingham - 4
Wilmington - 6
Windham - 2

Windsor (19) 94 Grants

Baltimore - 1
Bethel - 5
Bridgewater - 8
Cavendish - 6
Hartford - 7
Hartland - 5
Norwich - 8
Plymouth - 6
Pomfret - 10
Reading - 11
Rochester - 1
Royalton - 4
Sharon - 2
Springfield - 4
Stockbridge - 5
Weathersfield - 5
West Windsor - 2
Windsor - 1
Woodstock - 3

824 Dry Hydrant Grants State-wide

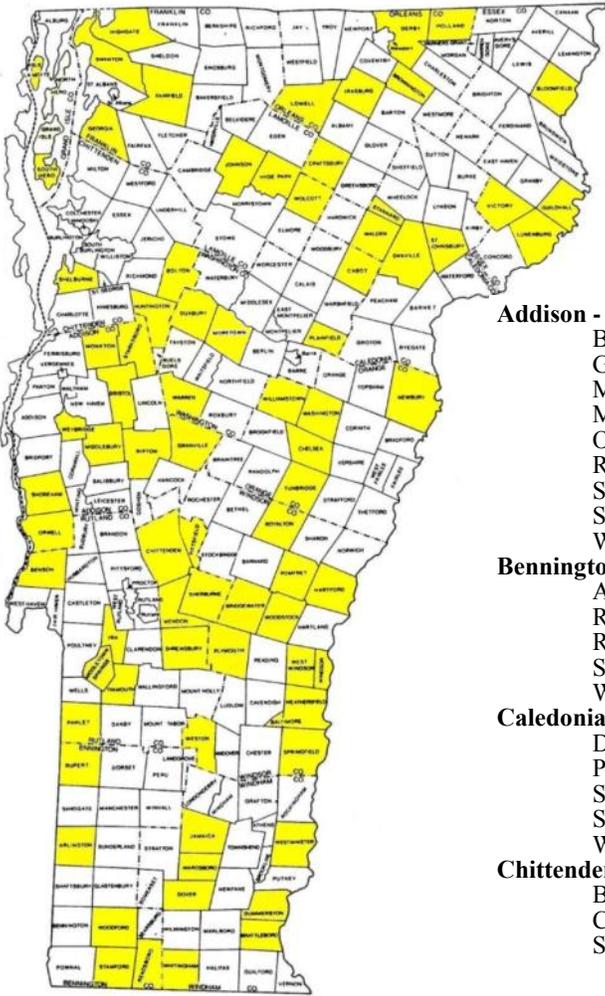
Note: The 3 towns listed in Red were
new to the State program in 2014.



Number in parenthesis is the number of towns in the county that have received awards.

2000-2014 Special Cases Dry Hydrant Grant Program

80 Towns were awarded 116 Grants up to \$10,000 totaling \$435,691 funded by the US Forest Service through the Vermont Department of Forests, Parks and Recreation



Addison - (9) \$23,004

- Bristol - \$1395
- Granville - \$3036 + \$2500
- Middlebury - \$970
- Monkton - \$5000
- Orwell - \$2500
- Ripton - \$103
- Shoreham - \$2500
- Starksboro - \$2500
- Weybridge - \$2500

Bennington - (5) \$33,593

- Arlington - \$415
- Readsboro - \$5937
- Rupert - \$9086 + \$5927 + \$5003
- Stamford - \$2500
- Woodford - \$4725

Caledonia - (5) \$24,830

- Danville - \$2500
- Plainfield - \$9000
- Stannard - \$1840
- St. Johnsbury - \$6490
- Walden - (2)\$2500

Chittenden - (3) \$7,500

- Bolton - \$2500
- Chittenden - \$2500
- Shelburne - \$2500

Essex - (4) \$9,780

- Bloomfield - \$883
- Guildhall - \$2500
- Lunenburg - \$4897
- Victory - \$1500

Franklin - (4) \$17,534

- Fairfield - \$1500
- Georgia - \$3909
- Highgate - \$2125
- Swanton - \$10,000

Grand Isle - (2) \$10,000

- Isle LaMotte - \$5000
- South Hero - \$5000

Lamoille - (3) \$20,000

- Hyde Park - \$10,000
- Johnson - (2)\$2500
- Wolcott - (2)\$2500

Orange - (6) \$20,243

- Brownington - (2)\$2500
- Newbury - \$2500
- Chelsea - \$2500
- Tunbridge - \$2218
- Washington - \$490 + \$2500
- Williamstown - \$5035

Orleans - (5) \$17,290

- Craftsbury - \$2500
- Derby - \$6074
- Holland - \$1875
- Irasburg - \$2500
- Lowell - \$4000 + \$341

Rutland - (8) \$66,330

- Benson - \$5000
- Ira - (2)\$5000
- Mendon - \$8400
- Middletown Springs - \$10000 + (2)\$2500
- Pawlet - (2)\$2500 + \$6430
- Sherburne - \$7500
- Shrewsbury - (2)\$2500 + \$1500
- Tinmouth - \$2500

Washington - (4) \$24,583

- Cabot - \$1186 + \$10,000
- Duxbury - \$1897
- Huntington - (2)\$2500
- Moretown - \$2500
- Warren - \$4000 + (2)\$2500

Windham - (8) \$60,076

- Brattleboro - \$9,800
- Dover - (2)\$2500
- Dummerston - \$10,000 + \$2500
- Grafton - \$2500
- Jamaica - \$5000
- Wardsboro - \$5000 + \$5276
- Westminster - (2)\$2500
- Whitingham - \$10,000

Windsor - (13) \$90,928

- Baltimore - \$1875 + \$5000
- Bridgewater - (2)\$2500 + \$4466
- Hartford - (2)\$2500 + \$3403
- Pittsfield - (2)\$2500
- Plymouth - (2)\$2500 + \$4000 + \$4888
- Pomfret - \$2500
- Royalton - \$10,000 + \$7396
- Springfield - \$2500
- Weathersfield - (2)\$2500 + \$10,000
- Weston - \$2500
- West Windsor - \$2500
- Windsor - \$7400
- Woodstock - \$2500



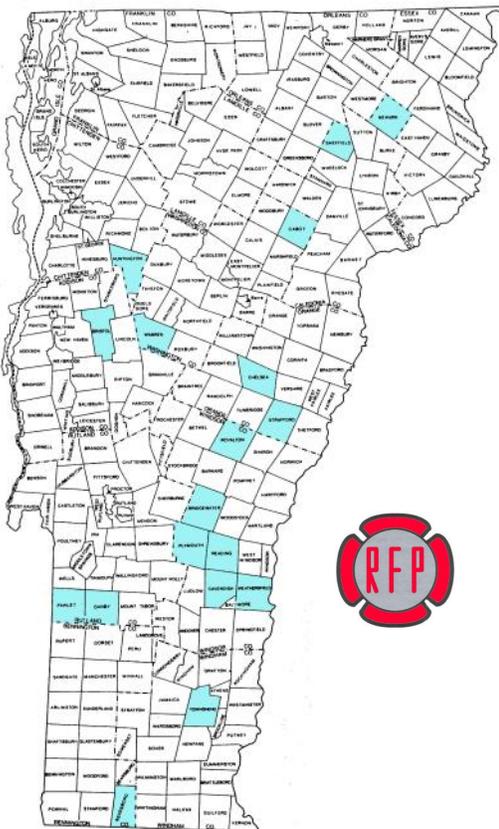
New Fire Pond & Dry Hydrant in Wardsboro

Special Cases Projects



2012 Flood Recovery Grants

18 Towns received 28 grants for Dry Hydrant Repair and Replacement



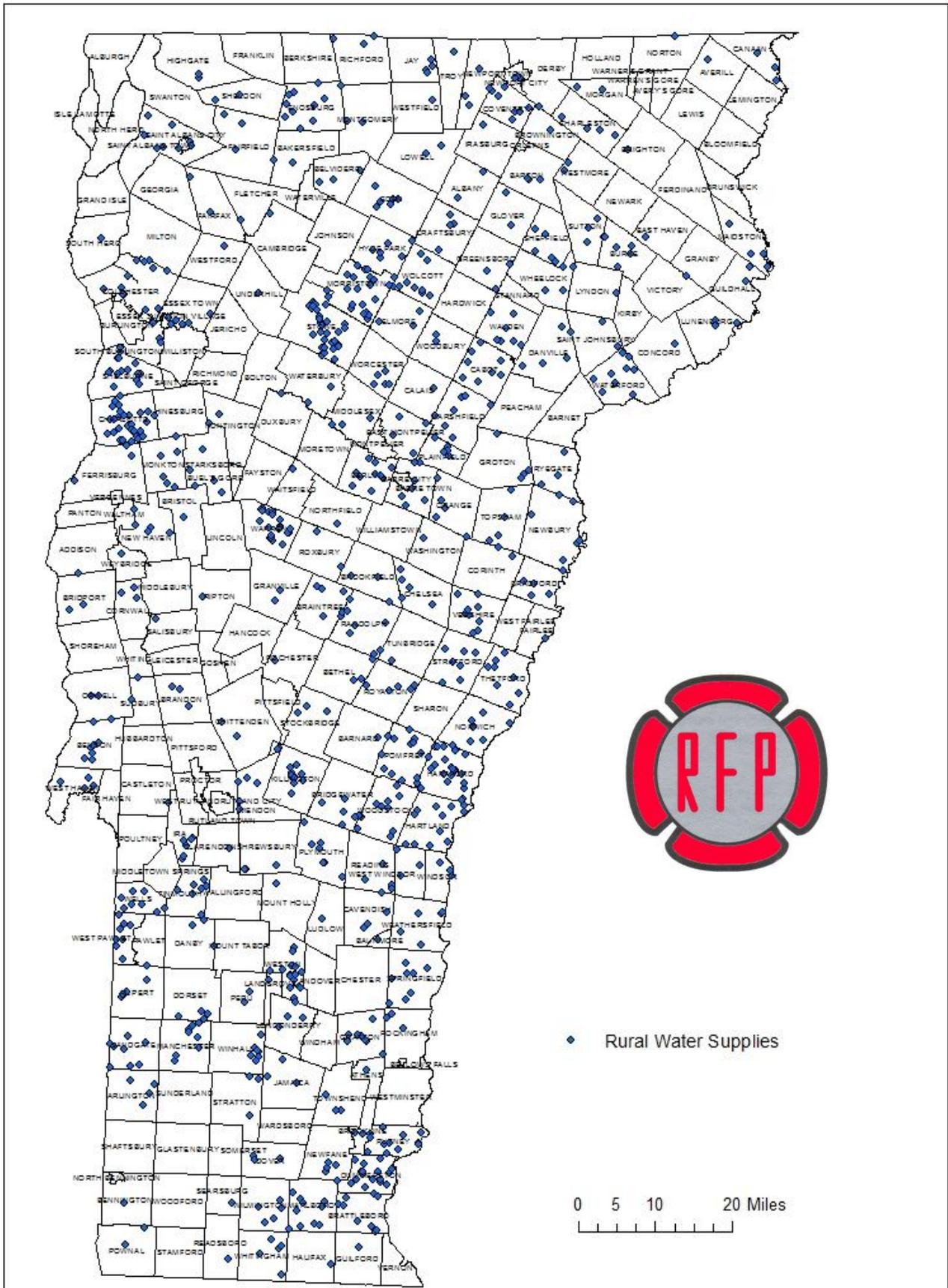
- Bridgewater - (3) \$3,139
- Bristol - (2) \$3,150
- Cabot - (1) \$2,800
- Cavendish - (1) \$1,500
- Chelsea - (1) \$300
- Danby - (2) \$7,310
- Huntington - (1) \$3,166
- Newark - (2) \$5,948
- Plymouth - (2) \$2,972
- Reading - (3) \$6,992
- Readsboro - (1) \$1,250
- Royalton - (1) \$7,860
- Sheffield - (1) \$1,437
- Strafford - (1) \$2,491
- Townshend - (1) \$2,014
- Warren - (2) \$8,984
- Weathersfield - (1) \$483
- West Pawlet - (2) \$2,831



Mill Brook - Mount Tabor

\$64,627 Total

Rural water supply locations are collected & submitted to VT Enhanced 9-1-1 for Public Safety Answering Points (PSAP) and Emergency Responders State-wide



Dry hydrants are a reliable rural water supply source year round!

WINTER - Norwich



SPRING - Weathersfield



“This will supply water to North Pawlet and surrounding areas. Last December we had a structure fire in this area...water supply was very difficult at best.”
Dave Hosley, Chief, West Pawlet VFD

“This has been a great program which gains us multiple water supply areas year-round”
Matt Jakubowski, Lieutenant,
Clarendon Fire Association

SUMMER - Dover



FALL - Johnson



“This grant was instrumental in installing a (dry) hydrant and improving access to a major water supply location that has been traditionally difficult to use to its potential.”
Arjay West, Chief, Johnson Firefighter Association

“This dry hydrant will dramatically improve response time to Highgate Springs where previously the closest water source in Winter is 7 miles away.”
Heidi Britch-Valenta,
Administrator, Town of Highgate







West Pawlet Fire Department

12 • Lakes Region FreePress' "Fire Safety 2014" • Week of October 6, 2014



Members of the West Pawlet Volunteer Fire Department.

WPFDF sees large increase in call volume

During an era when many volunteer fire departments are struggling with declining membership and the skyrocketing cost of equipment, the West Pawlet Volunteer Fire Department is flourishing.

Membership is holding strong and the department has aggressively identified and pursued grants to cover the cost of new equipment and increase its capacity to provide fire protection services to the community.

In the past year the department has received more than \$124,000 in grants. This spring the department received a

\$120,000 Assistance to Firefighter Grant from the Federal Emergency Management Agency (FEMA). The grant enabled the department to obtain new airpicks, a cascade air compressor and a filling station.

Chief Dave Hosley said the equipment benefits the department in a number of ways, but most importantly helps to protect its members. The new air packs replaced older units that no longer met national safety requirements and the self-contained filling station keeps members safe in the event there was an ever defect or leak in

one of the tanks.

The department also received a \$4,000 grant from the Vermont Rural Fire Protection Task Force that it used to install a dry hydrant. The hydrant is the 13th in the district, insuring the department never has to go far to find water.

"Our former chief, Ronnie Taylor was big on them. We try to install one or two each year. They provide us with a reliable source of water throughout the town," Hosley said.

See WEST PAWLET, pg. 13

West Pawlet

Continued from page 12

The new hydrant is located on Button Falls Road and will supply 1,000 gallons of water per minute to the area while also benefitting neighboring Granville.

And while it may not be as glamorous or provide the same level of protection, the department also applied for and won a year's supply of toilet paper for the firehouse.

Those grants are augmented by a \$40,000 appropriation from the town and a busy schedule of fundraising activities, including the department's monthly breakfasts (held September through April), which Hosley said have done well.

The department has also benefitted from a strong junior program and a healthy volunteer base. The department has approximately 30 active members, nearly all of whom have received extensive training.

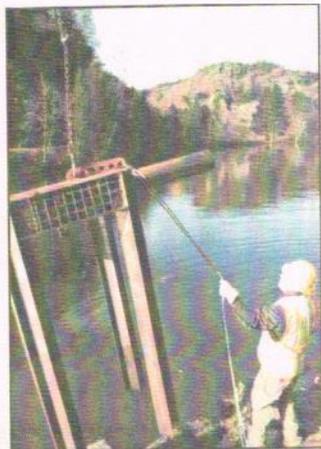
"Our membership is good," Chief Dave Hosley said. "We could always use more members, especially during the day, but our numbers are holding strong."

Although he couldn't say why West Pawlet does so well in maintaining membership when other, larger departments have struggled, he said many of the department's junior firefighters return when they get older.

"You try and get them hooked on fire service early," Hosley said.

Members meet every Tuesday for training. To learn more about the department, call the firehouse at 645-0276.

VALLEY NEWS — SUNDAY, DECEMBER 14, 2014



Sonny Lewellyn, of the Norwich Public Works Department, steers the Old Bridge dry hydrant into position as Graham Webster lowers it into the river. STEVE LEINOFF PHOTOGRAPH

NORWICH REPAIRS DRY HYDRANT ON OLD BRIDGE ROAD

NORWICH — A troubled dry hydrant on the Ompompanoosic River is in good working order following recent repairs.

Dry hydrants, non-pressurized pipe systems connected to ponds or lakes, are used in areas without access to municipal water supplies.

The Old Bridge Road hydrant, off Route 5, just south of Route 132, has had reliability issues for more than six years, the Norwich Fire Department said in a recent news release. Located downstream from the Ompompanoosic Dam, fluctuating water levels have caused the intake to become clogged with silt or damaged by ice. The nearest fire hydrant is more than two miles away.

The repair team included Norwich Public Works employees, Hanover firefighters, Webster & Donovan Excavating and the Vermont Association of Conservation Districts. The Norwich Fire Department said it was grateful to everyone who helped.

PAGE 8 COUNTY COURIER AUGUST 14, 2014

NEW DRY HYDRANT SERVES WEST ENOSBURGH

ENOSBURGH— The Enosburgh Town Fire Department and Highway Department at the end of July, completed the installation of a dry hydrant on the Chester A. Arthur Road, at the pond owned by Steve Wadsworth and Sarah Downes. The installation of this dry hydrant is part of a comprehensive program to improve fire protection in the rural portions of Enosburgh.

The Fire Department is in the process of improving fire protection in Enosburgh by installing dry hydrants to improve the availability and accessibility of water for firefighting purposes. The Vermont Rural Fire Protection Task Force through the Northern Vermont and George D. Aiken Resource Conservation and Development Councils provided assistance to the Fire Department in developing a

plan to improve water supply in Enosburgh.

The legislature and U.S. Forest Service approved appropriations to assist communities in installing dry hydrants to improve fire protection in the rural areas of Vermont. The Vermont Rural Fire Protection Task Force with the assistance of the Northern Vermont Resource Conservation and Development Councils administered the grant program.

Dry hydrants are a preferred method of providing water for firefighting in areas where there are no water mains. A dry hydrant consists of a 6 to 8 inch pipe with a fitting to which a pumper can attach. The pipe connects to a water source (pond or stream) that can supply at least 60,000 gallons under drought conditions.

Cambridge Installs Dry Hydrant

The Cambridge Fire Company on September 31, 2014 completed the installation of a dry hydrant at 61 Lazy Brook Lane/Stebbins Rd in the Town of Cambridge, Vermont. The installation of this dry hydrant is part of a comprehensive program to improve fire protection in the rural portions of Cambridge.

Cambridge Fire Company is in the process of improving the

fire protection in Cambridge by installing dry hydrants to improve the availability and accessibility of water for firefighting purposes. The Vermont Rural Fire Protection Task Force through the Northern Vermont and George D. Aiken Resource Conservation and Development Councils provided assistance to the fire department in developing a plan to improve water supply

in Cambridge.

The Vermont Legislature approved appropriations to assist communities in installing dry hydrants to improve the fire protection in rural areas of Vermont. The Vermont Rural Fire Protection Task Force with the assistance of the Northern Vermont and George D. Aiken Resource Conservation and Development Councils administers the grant program.

Dry hydrants are a preferred method of providing water supply for firefighting in areas where there are no water mains. A dry hydrant consist of a 6 to 8 inch pipe with a fitting to which a fire pumper/tanker can attach. The pipe connects with the water source (pond or stream) that can supply at least 60,000 gallons of water under drought conditions.

Installations of dry hydrants into numerous nearby and developed water supplies helps eliminate the inefficiency and complexity of long distance water shuttle in operations for fire departments.

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NEWS & CITIZEN - MORRISVILLE, VERMONT 05661

New Johnson Dry Hydrant

During October of 2014, the Johnson Fire Department completed installation of a new dry hydrant at 3206 Vermont Route 15 west, "Willow Crossing," in the Town of Johnson. The installation of this hydrant is part of an on-going effort to improve firefighting capabilities and provide safer access to rural water supplies. The Willow Crossing dry hydrant site provides substantial improvement to the westerly corridor of our community, having a firefighting capacity of 1,300 gallon per minute.

The Vermont Rural Fire Protection Program, in conjunction with the Vermont Association of Conservation Districts, provides

November 18, 2014 PAGE SIX grant assistance for improvement and development of rural water supplies for firefighting purposes. The Johnson Fire Department was one of several 2014 grant recipients.

Special thanks to Douglas & Virginia Bennett for allowing access to their property for this project, the Vermont Rural Fire Protection Program, and all the volunteers who made this effort successful. Continued development of rural water supplies will prove to be paramount during emergencies within our town. The Johnson Fire Department anticipates future improvements and efficiencies to the rural water supply capabilities throughout our community.

