VERMONT RURAL FIRE PROTECTION TASK FORCE

c/o Vermont Association of Conservation Districts (VACD)

Rural Fire Protection Program
14 Crab Apple Ridge, Randolph, VT 05060
(802) 828-4582 - dryhydrantguy@yahoo.com

This entire application packet is available online at:
vacd.org/programs/rural-fire-protection

2018 Rural Fire Protection Program

(Formerly the Dry Hydrant Grant Program)

Please read the entire packet carefully and note the organization & mailing address for applications.

The Vermont Rural Fire Protection Task Force is pleased to announce the 18th year of funding for towns to improve fire suppression capabilities. The goals of the program are to:

- **Save lives,** by reducing response time and improving both public and firefighter safety.
- **Enable fire fighters to have quicker, easier, and safer year round drafting capability.**
- **Reduce risks to property and natural resources,** both public and private.
- **Lower insurance premiums,** both public and private.

GRANT INFO:

- The **maximum** grant award is **$5,000** per project/system - 25% local match is required.
- The installation of *new* dry hydrants & other types of rural water supplies is still the priority of the program, but eligible projects *also include* repair/upgrade, replacement, and relocation of existing rural water supplies, whether previously grant funded or not.
- We have application **deadlines of April 1st, June 1st, and August 1st, 2018.** Please submit your application(s) by the appropriate deadline and it will be processed in the order it was received.
- We no longer mail unsolicited application packets to Fire Departments and Towns. Please visit vacd.org/programs/rural-fire-protection and download the application packet or contact Troy Dare, Program Manager, at 802-828-4582 -dryhydrantguy@yahoo.com to have an application packet mailed to you.

Vermont Towns & Fire Departments are eligible for grant funding. If approved for funding, after sites have been assessed, designed, and estimated, **two signed agreements will be required**:

1. **Landowner authorization if the project is to be constructed on privately-owned land.** Please see the example included in this packet. An editable version is available online at www.vacd.org/rfp.
2. **A grant agreement between the Town or FD and VACD** that outlines the project implementation plan, final award amount, and grant payments.

Complete ONE application *per* proposed installation and email/mail to:

VACD – RFP Program
c/o Troy Dare
dryhydrantguy@yahoo.com
14 Crab Apple Ridge, Randolph, VT 05060

- Please **include any cost estimates and/or descriptions** you have for the project with your application.
- **A 25% local match of total project cost is required.** Match can be met through cash contributions, pre-owned material, and/or in-kind services such as volunteer time and equipment usage.

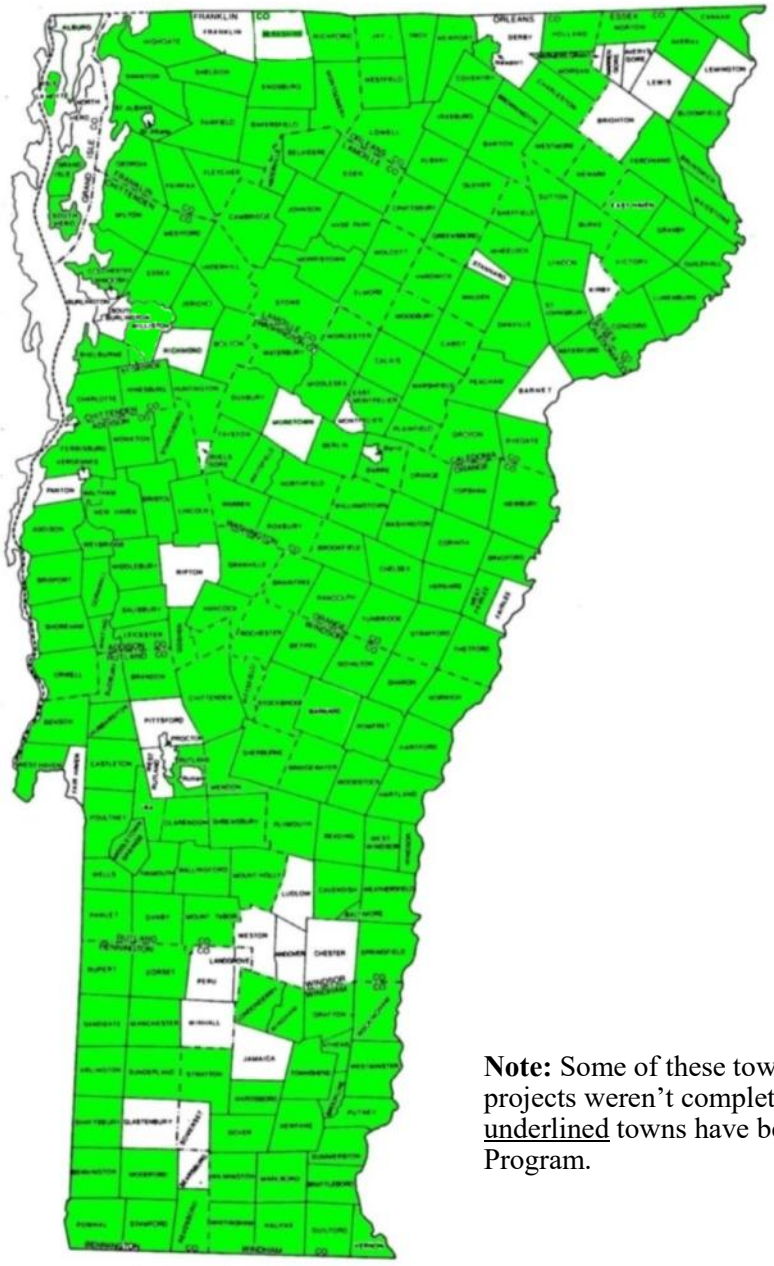
Project completion will involve submitting:

- Total project expense documentation including local match and copies of invoices & receipts.
- Project photos before, during, and after completion.
- News article or other public announcement summarizing the project.
- Final inspection that includes: a maintenance log started with results from the first back-flush and test of the system, proper guard posts, signage, painting of any exposed PVC pipe, and any other site specific requirements such as water source capacity and access.

QUESTIONS OR COMMENTS?

Please contact:
Troy Dare, Rural Fire Protection Program Manager
(802) 828-4582 - dryhydrantguy@yahoo.com

The map and list of 40 towns in white below have **not completed a VT State grant funded Rural Fire Protection system**. Applications from these towns will be given a top priority for grant funding.



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

Note: Some of these towns have applied in the past but their projects weren't completed for one reason or another. The 4 underlined towns have benefitted from the Special Cases Grant Program.

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C/O VERMONT ASSOCIATION OF CONSERVATION DISTRICTS (VACD)
RURAL FIRE PROTECTION PROGRAM
14 Crab Apple Ridge
Randolph, VT 05060
dryhydrantguy@yahoo.com
802-828-4582

2018 RURAL FIRE PROTECTION
GRANT PROGRAM APPLICATION

Application Deadlines are April 1st, June 1st, & August 1st.
Entire application packet, and all other forms, can be emailed to you or downloaded at vacd.org/programs/rural-fire-protection

PLEASE FILL IN ALL THE BLANKS - ESPECIALLY THE CONTACT INFORMATION

TOWN NAME _____ **COUNTY**_____ **NAME OF FIRE DEPARTMENT**_____

Name of Proposing Organization or Grantee (check will be made out to) _____

CONTACT PERSON INFO: NAME: _____ TITLE: _____

DAYTIME PHONE #: _____ E-MAIL: _____

COMPLETE MAILING ADDRESS: _____ ZIP: _____

You are applying for ONE dry hydrant grant that covers 75% of the total project cost; maximum of $5,000.
Final grant award will be determined after the site has been assessed, designed, and estimated.
COMPLETE A SEPARATE APPLICATION FOR EACH PROJECT

What is the service area of the hydrant and what type of structures are in this area? _____
What is the needed ISO fire flow for the hydrant? _____ gpm (See **Needed Fire Flow** guidelines & include calculations with application)
Town where hydrant will be installed: _____
Why is this site a priority for your town? _____
How many operational Rural Fire Protection Systems (Dry Hydrants etc.) do you have in your town right now? _____
If other towns will be served by this hydrant, name them: _____
Is your proposed system near or depend on an existing culvert or bridge that may be replaced in the near future? YES ☐ NO ☐
Do you have the proposed installation designed? YES ☐ NO ☐ If yes, attach design with this form.
If no, is design assistance needed? YES ☐ NO ☐ IF NO, EXPLAIN: _____
ALL designs must be submitted to and approved by Troy Dare-Engineering Technician prior to installation: 802-828-4582 - dryhydrantguy@yahoo.com
Do you prefer weekends for site visits? YES ☐ NO ☐ If yes, which day is better for you? Sat ☐ Sun ☐

PROJECT TYPE: ☐NEW ☐REPAIR/REPLACEMENT ☐UPGRADE(S) ☐OTHER: (fill out description section below)

****PLEASE ATTACH ANY ESTIMATES OR QUOTES YOU HAVE FOR THE PROJECT****

BRIEF PROJECT DESCRIPTION: _____

_____

_____

THIS PROGRAM REQUIRES 25% MATCH WHICH MAY BE PROVIDED IN CASH OR IN-KIND USE OF LABOR, MATERIALS, OR EQUIPMENT. FINAL GRANT PAYMENTS WILL BE CALCULATED AS 75% OF THE TOTAL PROJECT COST UP TO $5,000 MAXIMUM. **EXAMPLES:** IF YOUR PROJECT TOTAL IS $3,500, YOUR FINAL GRANT AWARD WILL BE $3,500 x 0.75 = $2,625. IF YOUR PROJECT TOTAL IS $10,000 YOUR FINAL GRANT AWARD WILL BE $5,000.

DESCRIPTION OF WATER SOURCE (Attach any maps or location information if available.):

		Seasonal Low (if known)	2% Drought Capacity (if known)
Lake/Pond: ☐	NAME: _____	Volume (gallons) _____	Volume (gallons) _____
River/Stream: ☐	NAME: _____	Flow (cfs) _____	Flow (cfs) _____

Land Ownership: ☐Private ☐State ☐Town ☐Unknown ☐Other: _____

Do you have a **Landowner Agreement** in place that authorizes the installation and maintenance of the proposed rural water supply?
☐YES ☐NO If YES, please attach a copy of the agreement to your application. If NO, a signed agreement will be required before construction begins if you are awarded grant funds. A landowner agreement outlines installation & maintenance requirements by all parties involved. An example is included in this packet. An editable version is available online at www.vacd.org/rfp.

SEE SECOND PAGE

PLEASE READ IMPORTANT GRANT INFORMATION AND SIGN TO COMPLETE APPLICATION

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2018 Rural Fire Protection Grant Application

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CONDITIONS OF GRANT:

All project work must be completed by November 1, 2018, unless an extension is authorized by Troy Dare, Rural Fire Protection Program Manager. **All paperwork must be submitted by November 15, 2018** for payment of the grant. Extensions of one additional construction season are possible with proper justification. All 2018 grants with approved extensions that are not completed by June 30, 2019 will be terminated and no payment made. Rural water supply projects must have all the items completed on the list below for approval and reimbursement.

To ensure continued funding and success of this program, it is best that we complete RFP project grants in the construction season it is awarded. Please enter in to the grant process with that objective.

Final Report developed and submitted by November 15, 2018 which includes:

- **Expense Documentation Form,** including summary of total project expenses, amount requested for reimbursement and amount of local match (25% minimum required), **with copies of paid invoices and receipts.**
- **Six or more** color photos of the project before, **during** and after the project. Please focus on installation photo's with action. (Please submit **high resolution, digital pictures**; either on a CD or emailed to dryhydrantguy@yahoo.com)
- **Public notice of project completion:** We allow online, public, media to satisfy this grant requirement depending on the content of the post, but we still accept, and prefer, printed newspaper and town report publications. Please email complete URL links to the online media to dryhydrantguy@yahoo.com or mail the complete publication page including name, date, & page number to the RFP Office so we can use it in our yearly report; this report is used at fire service events across the state and VT Legislative functions.

A final site inspection will be conducted by Troy Dare, Task Force Engineering Technician to check the following:

- Standpipe **painted**. The paint helps reduce **ultra-violet ray breakdown** and identify dry hydrant location.
- Hydrant protected by **guard posts**. **Guard posts** need to strategically placed to deflect vehicles and fire apparatus from damaging the connection point or other parts of the system; 6x6's, large stones, concrete blocks etc. preferred.)
- **Maximum Suction Lift** does not exceed **15 feet**. **Maximum Suction Lift** is the vertical measured distance from the surface of the estimated low water level to the eye of the pump.
- **Year round access provided.** The access to the dry hydrant is adequate for fire apparatus and will be kept clear and plowed year round.
- **Signage - NO PARKING - Fire Lane** mounted on an 8' sign post, or something similar that keeps the sign visible at all times. (This can be a standard reflective dry hydrant sign or a custom, more aesthetically pleasing sign; as long as it says, "No Parking - Fire Lane," it's adequate.)
- **Maintenance Record** established with first back flush and maximum flow test recorded. Please **MAX flow test** the hydrant until pump reaches cavitation. Along with other important information about the new RFP system, the maximum flow rate is submitted to VT Enhanced 911 for inclusion in the VT State Emergency Response Systems databases. The known max flow rate can be used for training purposes and help monitor the integrity of the system.

Maintenance Required

Dry Hydrants, although relatively simple in concept, have maintenance requirements to remain efficient and operational. Once the system is complete, the maintenance required includes:

- Repainting of any exposed PVC pipe as necessary.
- An annual back-flush and test of the system.
- Maintaining vehicle access year-round.
- Replacing NO PARKING - Fire Lane signage when necessary.
- Other maintenance protocols for other types of rural water supplies.

By signing this application, I certify that the information provided above is accurate to the best of my knowledge. Our Town/ Fire Department will comply with all the requirements of the grant as explained above, including maintaining the system in the future, and will make our financial records available for audit if required.

Signature: _____ **Printed:** _____

Title: _____ Date: _____

Organization (Town, Fire Dept., or other Incorporated Entity): _____

If available, please attach any designs/sketches, cost estimates, landowner agreements, maps, or any other relevant information to this completed application.

Developed Water Supply for Rural Fire Protection
Landowner Agreement

To: _____ Date: _____
(Town or Fire Department Representative)

Town of: _____

Fire Department: _____

From: _____
(Property Owner or Manager)

I hereby authorize the Town of _____ (hereinafter referred to as Town)

to develop a refill site at (address) _____ for the purpose of providing water to extinguish fires in my community and for other uses with my permission.

I further give the Town permission to erect a dry hydrant or other developed rural water supply system at this location. I understand that the Town will install the rural water supply system and provide materials.

The Town will complete all excavation work so that the surrounding areas and the surface of the ground will be smooth, and present a pleasing appearance. Vegetation will be reestablished.

The Town may use, test, and maintain the dry hydrant or other rural water supply system at any time they deem necessary for continuity of hydrant operations.

All facets of the purpose, installation, operation and maintenance of the dry hydrant or other rural water supply have been explained to me. I fully understand and agree with the explanations provided.

NOTE: The role and/or duties of the Town and Landowner in this agreement may be reversed or split between the parties as necessary. A sub-agreement shall be drafted if necessary.

_____ _____
Signature of Land Owner or Property Manager Date

I have fully advised the landowner of the purpose, installation, operation and maintenance of the dry hydrant or other rural water supply system.

_____ _____
Signature of Town or Fire Department Representative Date