Permit #_19-031		ZONING PERM	IIT AP	Date Received: 6/13/2019							
Zoning District C		TOWN OF EAST MONTPELIER			Parcel # None						
Overlays WR, SFHA, RC		PO Box 157, East Montpelier, VT 05651			Tax Map # 12-01-25.000						
*******************************											
<b>A.</b> 1.	Name of Landowne	Unknown Town of Eas	t Montp	elier, Claimant	Phone No. 223-3313						
2.		ner.PO Box 157, East Moi			200000000000000000000000000000000000000						
3.	Applicant (other that	n owner)on of East Mo	ontpelie	r 	Phone No. 223-3313						
4.	Address of Applican	t PO Box 157, East Mont	pelier, V	T 05651							
5.	Location of Property	, Southwest corner of Cod	ing Roa	d/US Rte. 2 intersec	tion						
B: Application is made (check appropriate boxes):											
		ck appropriate boxes):		_							
To:	For: Construct 🔲 One	e   Two-family dwel	lina	For:  Subdivision	of land						
		Iti-family dwelling	ing	Boundary a							
_	Alter 🔲 Acc	cessory Structure		Extraction of	of earth resources						
=		mmercial / Business ht Industrial		☐ Ground wa	ter withdrawal						
=		ustrial		☐ Other							
Descr	ibe work to be perform	ned The East Montpelier F	ire Dep	artment would like t	o install a dry hydrant utilizing the						
Winoc	ski River on the parcel.	The access point will be	on Codl	ing Road just beyon	d the 50 Codling Road driveway						
(house	e across street). A landi	ng will need to be constru	cted at (	Codling Road to allo	w access down to a constructed,						
				· · · · · · · · · · · · · · · · · · ·							
at ground level, drive. Fire trucks will drive forward toward the river; connect to the dry hydrant mid-truck; and back out to Codling Road. This is a public project dependent on river access.											
		public project dependent									
C. Lo	ot description:				<del>-</del>						
1.	acreage .1.4 acres		4.	depth side yards.	n/a Ft. n/a Ft.						
2.	road frontage .570	Ft		(building to lot line	es)						
3.			5.	depth rear yard .n	/a ==						
J.	(Road centerline to		ა.	(building to lot line							
lm	nortant - Submit site lo	cation man which describe	e the pr	anorty on which the	oronacad land dayalanment is to easy						
Th	e map should indicate t	the length in feet of each	bounda	y, the location and	proposed land development is to occur. dimensions in feet of the development						
wit	thin the property, the dis	tance from that developme ated by land development	ent to all	adjacent property li	nes and the distance to the public road						
	TROTTITE: Lacri pareci ci c	ated by faild developine it		——————————————————————————————————————							
READ	BELOW CAREFULLY A	AND SEE SECTION D ON	PAGE 2	OF APPLICATION:							
					in the Town of East Montpelier until all						
					ersigned requests a zoning permit as osed, if the land development is not						
comple	eted as described. The p	ermit will be voided if deve	elopmen	t is not substantially	commenced within one year from date						
of issu knowle	e. The undersigned her dae believes them to be	eby applies on the basis of true. The undersigned ack	of the re anowleda	epresentations conta ses the Section D no	ined herein, and to the best of his/her tices on page 2 of this application.						
Clair	(2) R	111	_		. •						
Lando	wner A Chis	o where y	2//2	<u>െ</u> Dat	e 6/13/2019						
Applica					e 6/13/2019						
*****					*********						
Zoning	Permit Fee: \$ <u>0</u>	Cash	Check	Date	Rec'd by						
DRB Hearing Fee: \$0		Cash	Check	Date	Rec'd by						



June 5, 2019



# Codling Road Dry Hydrant Lot

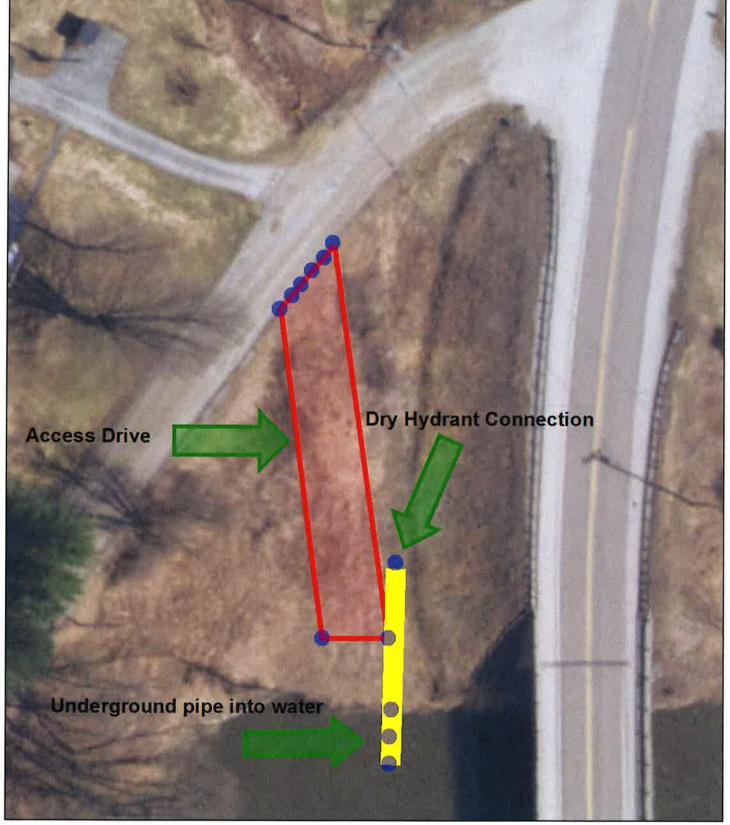
East Montpelier, VT

1 inch = 33 Feet

0 33 67 100



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# GRANT AGREEMENT VERMONT ASSOCIATION OF CONSERVATION DISTRICTS VERMONT RURAL FIRE PROTECTION PROGRAM

This agreement is made by and between the Vermont Association of Conservation Districts (VACD)("Grantor"), with offices in Waitsfield, Vermont, and the East Montpelier Volunteer Fire Department ("Grantee"), 54 Village Acres, East Montpelier, VT 05651.

#### 1. PURPOSE:

The purpose of this agreement is to protect public safety and prevent damage to property and natural resources from fire.

#### 2. SCOPE OF WORK:

Grantee shall install a NEW RFP system & New Access in the Winooski River at the intersection of Route 2 and Codling Road according to the design specifications in **Attachment A**.

Grantee is responsible for securing required permits and all aspects of project construction, managing subcontractors and liability insurance. If there are any changes in circumstances that may impact the system design or location, the grantee shall contact the Rural Fire Protection Program Manager to decide if any design changes are necessary.

#### 3. PERIOD OF PERFORMANCE:

This agreement begins on April 1, 2019 and ends on June 30, 2019. Construction of the project and submission of required documentation for reimbursement must be completed by this date.

#### 4. CHANGES TO THIS AGREEMENT:

This agreement may be amended in writing by mutual agreement of the parties.

#### 5. BUDGET:

VACD shall provide up to \$7,500.00 on a reimbursement basis to cover a portion of the expenses outlined in Attachment A. Grantee shall provide a minimum of 25% match (\$2,500.00+)

#### 6. PAYMENT TERMS AND DOCUMENTATION REQUIRED:

Reimbursements shall be made to grantee after satisfactory completion of the project has been certified during a final inspection by the VACD Rural Water Supply Program Manager. This inspection will confirm the following:

- Project construction meets design specifications and is of high quality
- Standpipe is painted (The paint helps reduce ultra-violet ray breakdown and identify dry-hydrant location)

- Hydrant is protected by guard posts. (Guard posts need to be placed in front of dry-hydrant riser and be able to deflect vehicles or fire apparatus; 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 is provided (The access to the dry-hydrant is adequate for fire apparatus and will be kept clear and plowed year round)
- Signage is installed "No Parking Fire Lane" (This can be a standard reflective dry-hydrant sign or a custom, more esthetically pleasing, sign; As long as it says, "No Parking Fire Lane", it's adequate)
- Maintenance Record is established with first back flush and pump test recorded (included) (Please MAX flow test the hydrant until pump reaches "cavitation"; this will provide the value of the system in all fire situations and help monitor the integrity of the system)

The following documents are required for payment:

- Expense Documentation Form (included) (Please submit the signed original form with report)
- Copies of paid invoices and receipts (Please submit copies that correspond with expenses listed on the Expense Documentation Match Form)
- Six or more color photos of the project before, during and after construction (Please submit high resolution, digital pictures; either on a CD or emailed to dryhydrantguy@yahoo.com)
- Press releases and articles published about the project (write-up in Town Report is acceptable) (Please submit the article's whole page original with page number and publication name; please do not send photocopy or cut out article)

Accepted by:

For VACD:

For Grantee: (East Montpelier 2018-8 New)

All tall Signature

Trool ROSCOE PARCE

Printed Name

Printed Name

Printed Name

PRINT DEP. CHIEF

Title

4/30/2015

Date

Please mail this signed original document to RFP Home Office at the address below.

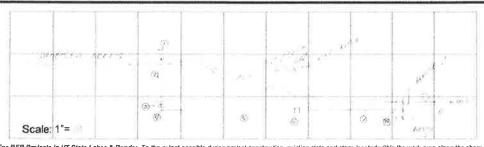
The RFP Grant Manager will sign and return a copy for your records.

Vermont Rural Fire Protection Task Force c/o VACD – Troy Dare 170 Lower Sumner Hill Road Sumner, ME 04292



0 250 500 Feet

East Montpelier 2018-8 72°30'8.424"W 44°15'23.798"N



For RFP Projects in VT State Lakes & Pands: To the extent possible during project construction, axisting state and stane located within the work man along the shore is to be set asked during excavation and raused following backful, to stabilize the shoreline upon completion of dry hydrant installation. Pro-existing stone that is used for stabilization at each of project can be supplemented as necessary with stone of similar type (e.g. local state) or with comparable size re-rep, but of no larger in size? Attended than what exists there currently. Any addition of stone shall in the teach, Any addition of stone shall in the local constitution of the bank. The completed project shall maintain the axisting stope of the shoreline and shall maintain the water depth at the immediate shoreline and in the take. The stone shall not extend any highter on the shoreline than the vertical height of axisting stone along this area of the shoreline. Ester fabric shall be used between any seal backfill and stone placed for shoreline stabilization.

[	
we th	

Site Map Not To Scale

Design Flow (GPM): Approx. Water Volume:

Summer:

Winter.

See Attached Location/GIS Map

	DIII OI M					
#	Description	No.	Unit	Unit Cost	Total	
4 31 46 0	3 x sive as mee years	20 20 470 470 7	FOR ACC COR COR COR COR COR COR COR COR COR C	12.80 (*.80 m) (*.80 m) (*.80 m) (*.80 m) (*.80 m) (*.80 m) (*.80 m) (*.80 m)	Los to Colong Co	Notes  This design does NOT certify your condition. For the Insurance Service Supply requirements of the Fire Su (fire flow, duration, purrper capacity Vermont registered //iconsed profes
	Adgaz Miscellaneous	-	-		<. cal_gg	

Total

**Bill Of Materials** 

#### Notes

• This design does NOT certify your rural water supply site for a 2% (50 year return period) drought condition. For the Insurance Services Office to give credit for this water supply it must meet the Suction Supply requirements of the Fire Suppression Rating Schedule as to accessibility, availability, needed fire flow, duration, purper capacity and distances. The 2% drought volume must be determined by a Vermont registered /ficensed professional engineer, hydrologist, or similarly qualified person.

VERMONT RURAL FIRE PROTECTION TASK FORCE Vermont Association of Conservation Districts (VACD) Rural Fire Protection Program - Randolph, VT 05080 Drawn by: Reviewed by: Dale: Sheet

## HOODED INLET

SCHEMATIC N.T.S. NOTES:

- I) LOOP IS FOR MAKING INSTALLATION EASIER.

  PRELIMINARY TESTING FOR CENTER OF GRAVITY

  CAN BE DONE WITH ROPE/CHAIN TO FIND BEST

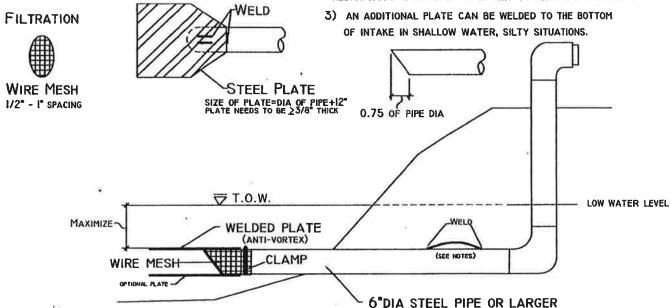
  PLACE FOR LOOP. RAP ROPE/CHAIN AROUND BARREL

  (HORIZONTAL PIPE), LIFT WITH BACKHOE, ADJUST

  LOCATION OF ROPE/CHAIN UNTIL CENTER OF GRAVITY

  IS FOUND. WELD LOOP TO THIS LOCATION. LOOP

  SHOULD BE 1/2" REBAR OR LARGER.
- 2) CLAMP FOR HOLDING WIRE MESH IN PLACE
  IS TO BE HEAVY DUTY. 3-4 LENGTHS OF 1/2" REBAR
  CAN BE WELDED OVER INTAKE IN PLACE OF WIRE MESH.
  REBAR CAN NOT BE REMOVED EASILY TO REMOVE LARGE DEBRIS.





June 5, 2019



## Codling Road Dry Hydrant Lot

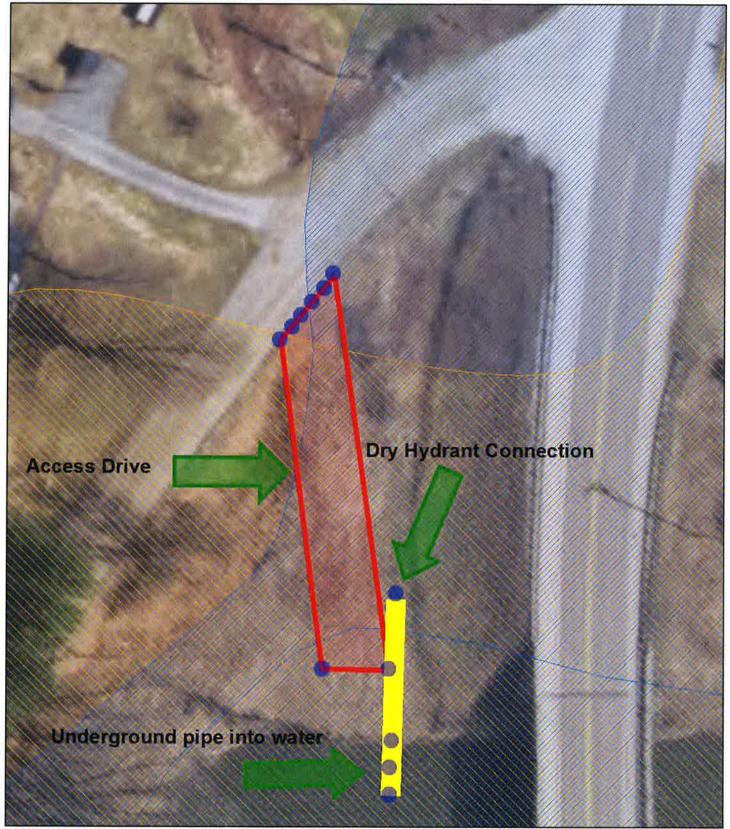
East Montpelier, VT

1 inch = 33 Feet

33 67 100



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June 14, 2019



### Town of East Montpelier -- 0 Codling Road

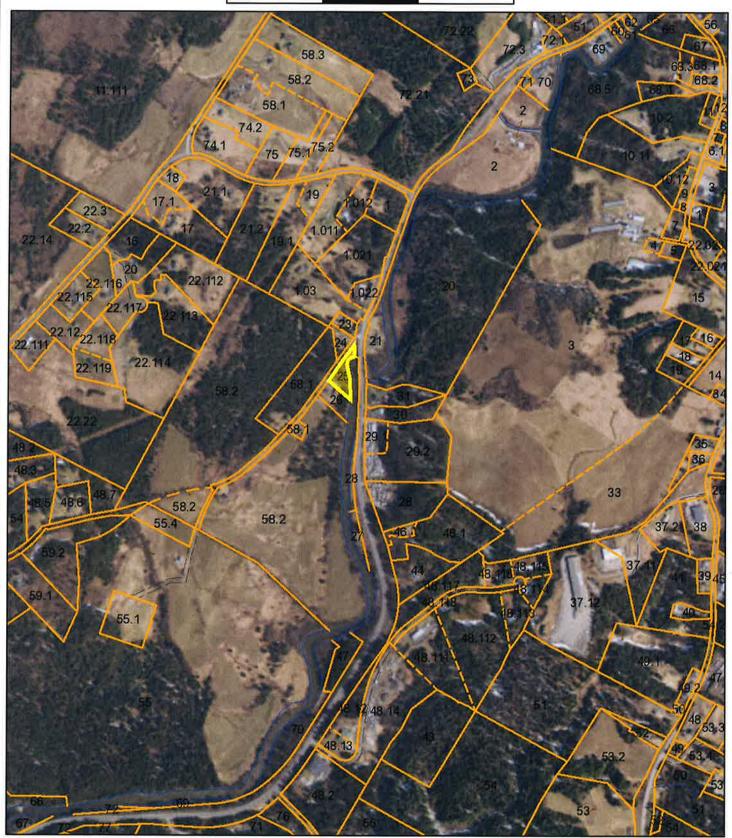
East Montpelier, VT

1 inch = 1075 Feet

1075 2151 3226



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## **Town of East Montpelier**

The East Montpelier Development Review Board will hold a Public Hearing Tuesday, July 2, 2019 at 7:00 p.m. at the Municipal Office Building to conduct conditional use review of zoning application 19-031 submitted by the Town of East Montpelier. The intent of the proposal is to provide the East Montpelier Fire Department with all-year access to a functioning dry hydrant utilizing the Winooski River. The site location is the 1.4-acre lot at the southwest corner of the US Rte. 2/Codling Road intersection. The site falls off quickly from Codling Road, so significant material will be brought in to provide a solid base for an access drive. Since the site is fully within the FEMA flood zone and the state's river corridor, both the Agency of Natural Resources and the DRB will need to authorize this installation. The following notice will appear in the Times Argus Saturday, June 15, 2019:

The East Montpelier Development Review Board will hold a Public Hearing on Tuesday, July 2, 2019 at 7:00 p.m. at the Municipal Office Building to consider the following:

Conditional use review of Application #19-031, submitted by the Town of East Montpelier, to permit the installation of a dry hydrant utilizing the Winooski River on a small corner lot at the south side of Codling Road just off US Rte. 2. The proposal anticipates the use of 375 cu. yds. of road base material for an access drive to the hydrant. The lot is in both the special flood hazard area and the river corridor protection zone, necessitating conditional use review as a public project functionally dependent on river access.

The applicants must hand deliver or send by certified mail a copy of this notice to all abutting landowners at least 15 days before the Development Review Board's hearing date. Neighbors do not need to attend the hearing unless they would like to make comments to the Development Review Board. However, participation (in person or in writing) in the local proceeding is a prerequisite to the right to appeal any resulting decision or action of the Development Review Board, pursuant to 24 V.S.A. §4464(a)(1)(c).

Questions may be directed to the zoning administrator at the East Montpelier Municipal Office Building (802-223-3313x204) or by e-mail at eastmontadmin@comcast.net.

C. Bruce Johnson
East Montpelier Town & Zoning Administrator
P.O. Box 157
East Montpelier, VT 05651