

STATE OF VERMONT JOINT FISCAL OFFICE

MEMORANDUM

To: Joint Fiscal Committee members

From: Sorsha Anderson, Staff Associate

Date: October 3, 2019

Subject: Grant Request – JFO #2973

Enclosed please find one (1) item, which the Joint Fiscal Office has received from the Administration.

JFO #2973 – \$2,565,096 from the Federal Emergency Management Agency to the VT Department of Public Safety. The department will utilize the funding for emergency work and repair/replacement of disaster damaged facilities during the April 15, 2019 flooding event in Bennington, Essex, Orange, Rutland, Washington and Windsor Counties.

Note: The total budget of \$2,565,096 is 7% higher than the amount in the application (\$2,397,286) as DPS is eligible for 7% of the award for management costs. The grant application doesn't count those costs (7%), but the AA-1 does.

[JFO received 10/3/19]

Please review the enclosed materials and notify the Joint Fiscal Office (Sorsha Anderson at (802) 828-5622; <u>ddickerson@leg.state.vt.us</u>) if you have questions or would like an item held for legislative review. Unless we hear from you to the contrary by <u>October 21, 2019</u>, we will assume that you agree to consider as final the Governor's acceptance of these requests.

#2973



State of Vermont Department of Finance & Management 109 State Street, Pavilion Building Montpelier, VT 05620-0401

RECEIVED

Agency of Administration

JOINT FISCAL OFFICE

STATE OF VERMONT FINANCE & MANAGEMENT GRANT REVIEW FORM

802-828-2428

[phone] 802-828-2376

[fax]

Grant Summary:		Federal funding for disaster DR-4455, which is in response to a storm and associated flooding on 4/15/19 that impacted six counties.							
Date:		9/16/2019	9/16/2019						
Department:	· · · · · · · · · · · · · · · · · · ·	Department of	Department of Public Safety						
Legal Title of Gra	nt:	Disaster Grants	- Public Assistan	ce (Presidentially I	Declared Disasters)				
Federal Catalog #		97.036							
Grant/Donor Nam	e and Address:	Federal Emerge	Federal Emergency Management Agency						
Grant Period:	From:	4/15/2019 To:	6/14/2021						
Grant/Donation		\$2,565,096							
	SFY 1	SFY 2	SFY 3	Total	Comments				
Grant Amount:	\$1,539,058	\$769,529	\$256,509	\$2,565,096					

	# Positions	Explanation/Comments
Position Information:	0	
Additional Comments:		The local match grants are included in the expenditures/revenue section, as DPS is showing the total project costs, but not included in to the appropriation totals because the grants are in the town budgets and don't require DPS spending authority. The total budget of \$2,565,096 is 7% higher than the amount in the application (\$2,397,286) as DPS is eligible for 7% of the award for management costs (due to it being a Presidentially declared disaster). The grant application doesn't count those costs (7%), whereas the AA-1 does.

Department of Finance & Management	(Initial)
Secretary of Administration	Initial)
Sent To Joint Fiscal Office	10 2 19 Date 1

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State of Vermont Department of Public Safety 45 State Drive Waterbury, Vermont 05671-1300 (802) 241-5000 TTY/TDD (888) 545-7598 www.dps.vermont.gov

September 6, 2019

To: Timothy Metayer, Finance & Management Budget Analyst

From: Melissa Austin, Financial Administrator

Re: Request for Grant Acceptance

Attached you will find a request for Grant Acceptance (Form AA-1) for the FEMA Public Assistance grant program for FEMA-DR-4445-VT.

If you have any questions please contact me at 802-241-5396 or at Melissa. Austin@vermont.gov.

Respectfully,

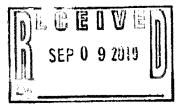
Melissa

Cc: Rhonda Camley, Richard Deschamps, Financial Managers Cc: Rick Hallenbeck, Director of Administration

STATE OF VERMONT REQUEST FOR GRANT (*) ACCEPTANCE (Form AA-1)

BASIC GRANT INFO	RMAT	ION	****	,					
1. Agency:	1								
2. Department:	P	ublic Safety							
	in the second			<u> </u>					
3. Program:	ĪV	ermont Emergency N	lanagement						
4. Legal Title of Grant	: D	isaster Grants- Public	Assistance (Presidential	ly Declared Disasters	5)				
5. Federal Catalog #:		7.036							
6. Grant/Donor Name	and Ad	dress:							
Federal Emerge	ncy Ma	nagement Agency							
7. Grant Period: From: 4/15/2019 To: 6/14/2021									

8. Purpose of Grant:									
-	eral disa	ster assistance for em	ergency work and the rep	pair/replacement of d	isaster damaged				
			event in Bennington, Esse						
Windsor Counti		· · ·	0,		0,				
9. Impact on existing p	rogram	i if grant is not Acce	pted:						
			es may have to bear the fu	ull cost of disaster rel	lated expenses.				
Budget informa	tion bel	ow is based on the Pro	eliminary Damage Assess	sment and SF-424 su	bmission				
10. BUDGET INFORM									
	<u> </u>	SFY 1	SFY 2	SFY 3	Comments				
Expenditures:		FY 2020	FY 2021	FY 2022	Comments				
Personal Services		\$100,686	\$50,343	\$16,781	Cat Z MC				
Operating Expenses		\$	\$	<u> </u>					
Grants		\$1,438,372	\$719,186	\$239,728	Subgrants				
Oranio	Total	\$1,539,058	\$769,529	\$256,509	Subgrants				
Revenues:	10141	\$1,557,050	\$707,527	\$230,303					
State Funds:		\$	\$	S					
Cash		\$154,625	\$77,312	\$25,771	ERAF				
In-Kind		\$	\$	\$	LINAT				
		¥		φ					
Federal Funds:		\$	\$	\$					
(Direct Costs)		\$1,179,465	\$589,733	\$196,577	MC & Subgrants				
(Statewide Indirect)		\$	\$	\$190,577 \$	wie a subgrants				
(Departmental Indire	ant	\$	\$	\$					
		3	Ф	3					
Other Funds:		<u> </u>	\$	<u> </u>					
Grant (source Local Match		\$204,968	\$102,484	·····	Cubanant Matak				
Grant (Source Local	Total	\$1,539,058	\$769,529	\$34,161	Subgrant Match				
	TULAL	\$1,559,056	\$709,529	\$230,309	2565096				
Appropriation No:	2140	030000 Fund 22005	Amount:	¢1 170 ACE					
APPropriation Inc.		030000 Fund 22003		\$1,179,465 \$154,625					
	2140	050000 Fullu 21555							
				\$					
				\$					
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# STATE OF VERMONT REQUEST FOR GRANT (*) ACCEPTANCE (Form AA-1)

		<b>Total</b> \$1,334,090				
PERSONAL SERVICE IN	FORMATION					
If "Yes", appointing authorit	y must initial here to in	one or more Personal Service Contracts?	Yes 🛛 No ling process/policy.			
Appointing Authority Name	e: Agreed by: _	(initial)				
12. Limited Service Position Information:	# Positions	Title				
Total Positions	 		<u></u>			
12a. Equipment and space positions:		s presently available. Can be obtained, w	ith available funds.			
13. AUTHORIZATION AC	GENCY/DEPARTME	INT				
I/we certify that no funds	Signature	2 110	Date:			
beyond basic application preparation and filing costs	Title DPS Commissi	ioner/QPS Deputy Commissioner	(-7-1/			
have been expended or committed in anticipation of	-					
Joint Fiscal Committee	Signature:	Signature: Date:				
approval of this grant, unless previous notification was	T'M-	an a				
made on Form AA-1PN (if	Title:					
applicable):	INTETD A TION					
14. SECRETARY OF ADM	-(Secretmy or designee signat	ureit	Date:			
Approved:	1 Seally 7/	6	9/17/19			
15. ACTION BY GOVERN	IOR /		11			
Check One Box:	r. m					
Accepted			Dutu			
	(Galernon spinnature)		Date:			
Rejected	/ / / my					
<b>16. DOCUMENTATION R</b>						
	Required	GRANT Documentation				
Request Memo     Dept. project approval (if	applicable)	Grant (Project) Timeline (if applicable)				
Notice of Award		Request for Extension (if applicable)				
Grant Agreement Grant Budget		Form AA-1PN attached (if applicable)				
		Cnd Form AA-1				
(*) The term "grant" refers to an department, commission, board,	y grant, gift, loan, or any or other part of state gov	sum of money or thing of value to be accepted by seriment (see 32 V.S.A. §5).	any agency,			

# DECLARED JUNE 14, 2019

# SUMMARY

STATE: Vermont

NUMBER: FEMA-4445-DR

INCIDENT: Severe Storm and Flooding

INCIDENT PERIOD: April 15, 2019

DATE REQUESTED BY GOVERNOR: May 29, 2019

FEDERAL COORDINATING OFFICER: James N. Russo National FCO Program

DESIGNATIONS AND TYPES OF ASSISTANCE:

**INDIVIDUAL ASSISTANCE** (Assistance to individuals and households):

Not Requested.

<u>PUBLIC ASSISTANCE</u> (Assistance for emergency work and the repair or replacement of disaster-damaged facilities):

Bennington, Essex, Orange, Rutland, Washington, and Windsor Counties.

<u>HAZARD MITIGATION GRANT PROGRAM</u> (Assistance for actions taken to prevent or reduce long term risk to life and property from natural hazards):

All areas in the State of Vermont are eligible for assistance under the Hazard Mitigation Grant Program.

OTHER: Additional designations may be made at a later date if requested by the state and warranted by the results of further damage assessments.

PHILIP B. SCOTT Governor



#### State of Vermont OFFICE OF THE GOVERNOR

#### REQUEST FOR PRESIDENTIAL DISASTER DECLARATION GOVERNOR'S REQUEST COVER LETTER MAJOR DISASTER OR EMERGENCY

May 29, 2019

The Honorable Donald J. Trump President of the United States The White House Washington, DC

Through: Mr. Paul Ford Acting Regional Administrator FEMA Region I 99 High Street Boston, Massachusetts 02110

Dear Mr. President,

Under the provisions of Section 401 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5207 (Stafford Act), and implemented by 44 C.F.R. § 206.36, I request that you declare a Major Disaster for the State of Vermont for Public Assistance in Bennington, Essex, Orange, Rutland, Washington, and Windsor Counties and Hazard Mitigation statewide as a result of flooding on April 15, 2019.

During the early morning hours of Monday, April 15, 2019 heavy rains overspread the State of Vermont causing significant stream and river flash flooding. Bands of localized heavy rainfall caused up to three inches of precipitation in areas that had experienced snowmelt for several days preceding the event. As a result, areas of central Vermont along the Green Mountains experienced approximately six inches of liquid equivalent streams and rivers. The combination devastated transportation infrastructure especially in dozens of rural, hillside communities.

The National Weather Service provided timely and relevant warnings and information before, during, and after this incident. The meteorological factors and precursors are described in the attached memorandum (Enclosure D: "For the Record" Weather Memorandum of April 16, 2019) from Scott Whittier, Warning Coordination Meteorologist for the National Weather Service based in Burlington, Vermont.

109 STATE STREET • THE PAVILION • MONTPELIER, VT 05609-0101 • WWW.VERMONT.GOV TELEPHONE: 802.828.3333 • FAX: 802.828.3339 • TDD: 802.828.3345 The Honorable Donald J. Trump May 28, 2019 Page Two

Fortunately, no Vermonters perished or were injured because of this event.

The towns of Chittenden in Rutland County, Bethel, Hartford, and Ludlow in Windsor County, and Londonderry in Windham County activated Local Emergency Operations Centers (EOC) in response to the storm. The towns of Cavendish and Ludlow in Windsor County opened warming centers and ten people came to Ludlow's. The American Red Cross (ARC) was prepared to open overnight shelters if requested. No overnight shelters were needed, but ARC provided vouchers for temporary lodging to nine displaced families.

Statewide, more than two dozen residents reported that they were adversely impacted by flooding, with combined damages of approximately \$80,000. In accordance with the Recovery Annex of the Vermont State Emergency Management Plan, the Individual and Family Needs Task Force (INFTF) was activated and convened on May 1, 2019 to address unmet needs and to identify necessary public messaging related to private driveway repairs, access to the Natural Resource Conservation Service's Emergency Watershed Protection Program, and potential case management for referrals to the private Vermont Disaster Relief Fund. Approximately forty camps on Lake Salem near Derby in Orleans County were inundated, and the owners are seeking estimates and undertaking private repairs. As of May 10, 2019, most of the reported individual impacts have been or will be privately addressed, but there remains one residence in St. Johnsbury which has not had emergency access restored, and a resident in the town of Washington is still seeking assistance with \$10,000 of flood-related furnace and electrical repairs.

The Vermont State Emergency Management Plan (SEMP) was implemented during this storm event. While a gubernatorial State of Emergency was not declared, the Town of Pittsfield in Rutland County, pursuant to their Local Emergency Management Plan, submitted a Local Jurisdiction Request for Emergency Declaration, asserting the town had "suffered property damage and/or injury or loss of life resulting from a disaster that exceeds our capability to respond to and recover from and that requires the assistance of the State to protect the health, well-being and public safety of our citizens."

The State Emergency Operations Center (State EOC) was activated to Partial Activation starting at 0700 hours and continuing to 1900 hours on April 15, 2019. The SEOC returned to Monitoring status in the overnight hours of April 15, 2019 and activated to Partial Activation once again on April 16, 2019 0700 hours to 1630 hours to coordinate assistance to Vermont municipalities in response to the storm. In addition to Vermont Emergency Management (VEM) the following State partners and agencies were activated: Division of Fire Safety, American Red Cross, Vermont 211, Urban Search and Rescue and Swiftwater Rescue Teams, Vermont Hazardous Materials Response Team, Agency of Transportation, Agency of Human Services, Department of Health, Agency of Agriculture Food and Markets, Department of Labor, Agency of Commerce and Community Development, Vermont State Police, Department of Environmental Conservation, and the Vermont National Guard. The Honorable Donald J. Trump May 28, 2019 Page Three

I surveyed the heavily-damaged towns of Bethel and Pittsfield on April 17, 2019 with Vermont Emergency Management Director Erica Bornemann to assess acute needs. These communities were deluged by heavy rain and snowmelt in the early morning hours of Monday, April 15, 2019. Flash flooding tore away large portions of roadways, washed out several bridges, and impacted many flood-vulnerable homeowners.

All the impacted communities followed their Local Emergency Management Plans (LEMPs) and reported public and private property damages through their Regional Planning Commissions (RPCs) to the State EOC. The State EOC collected damage reports from local Emergency Management Directors in each of Vermont's two hundred fifty-one municipalities through activation of the eleven Regional Planning Commissions. Personnel from the Vermont Agency of Transportation's Districts conducted initial damage assessment to validate estimates from local reports.

On April 17, 2019, Director Erica Bornemann of VEM wrote to the FEMA Region 1 Acting Regional Administrator requesting a Joint Preliminary Damage Assessment (PDA) for Bennington, Caledonia, Essex, Orange, Rutland, Washington, and Windsor Counties. Three PDA teams comprised of local, statc, and fcderal representatives convened at White River Junction on April 24, 2019 to commence PDA site visits. Caledonia county damages fell below the county indicators and was not visited although the Town of St. Johnsbury in Caledonia county reported damages of approximately \$65,000 as well as flooding of numerous private residences. Two teams returned to Vermont on May 6-7, 2019 to view additional major damage locations in Bennington, Orleans, and Rutland Counties. Based on information received from the Agency of Transportation regarding damages reported by the Town of Derby in Orleans county on April 18, 2019, VEM Director Bornemann requested on May 3, 2019 that the PDA be extended to include Orleans County. A damaged road site in Derby was viewed by FEMA personnel on May 8, 2019. Additional information will be necessary before FEMA can make an eligibility determination regarding that site. Accordingly, I am not including Orleans County in the declaration request at this time.

Twenty-one municipalities reported "Major" impacts from the flooding in Dorset in Bennington County, Brookfield in Orange County, Castleton, Chittenden, Ira, Mt. Holly, Pittsfield, Poultney, Poultney Village, and Rutland in Rutland County, Duxbury, Northfield and Roxbury in Washington County, Bethel, Cavendish, Ludlow, Ludlow Village, Rochester, Royalton, and Woodstock in Windsor County, and Londonderry in Windham County. Seventy-four communities reported "Minor" impacts. There were dozens of local and state road closures during and after the storm. Maidstone State Highway in Essex County closed on April 15, 2019 and did not reopen until May 8, 2019. The Bethel Mountain Road which connects the communities of Bethel and Rochester in Windsor County remains closed at this time. Additionally, there were \$2 million in damages to roads cligible for Federal Highway Administration aid. Businesses reported flood damages in twelve communities including Dorset The Honorable Donald J. Trump May 28, 2019 Page Four

in Bennington County, Tunbridge in Orange County, Chittenden in Rutland County, Chester, Ludlow Village, Pomfret, Rochester, South Royalton, Stockbridge and Weston in Windsor County, and Londonderry and South Londonderry in Windham County. On April 16, 2019, the Vermont Division of Fire Safety conducted sixteen safety inspections at flooded businesses, and an additional fourteen residential inspections.

Nine local and state swift water-rescue teams were staged at strategic locations, and four teams mobilized to conduct operations during the incident. Approximately twenty individuals were evacuated in Rutland City and Killington in Rutland County as well as Stockbridge and Ludlow in Windsor County.

Although the majority of public infrastructure impacts and community disruptions associated with this event were due to road damages, there were also impacts to municipal and cultural resources. In Poultney Village, the town office experienced minor flooding. Dunklee Dam in Rutland City was overtopped and partially breached. City personnel worked overtime to conduct preemptive emergency actions to protect adjacent properties in the event of a more serious breach. In Weston in Windsor County, many basements were flooded in homes and public buildings on the historic Weston Town Green. The Weston Playhouse incurred \$31,000 in flood-related damage, of which only \$11,000 is covered by insurance after applying a \$20,000 deductible. The Weston Fire Department experienced a foot of water in the station house and is currently being tested for mold. In Cavendish, a town of 1,367 people, the town's athletic fields were damaged by sink holes, fencing was damaged, and the access road had wash-outs. Cavendish officials estimate \$15,000 of damage at this site alone.

The Vermont Department of Forests, Parks, and Recreation reported an estimated \$10,000 of damage to the group camping area at Camp Plymouth in Windsor County, where the access road was eroded, and a large amount of silt was deposited around all of the lean-tos, jeopardizing the state park opening date.

The Town of Pittsfield, population 546, incurred damages of \$466,994, or \$855 per capita. For further context, the entire annual road maintenance budget for the town in 2018 was \$208,829. Emergency Management Coordinator and Select Board Chair Charles Piso reported the latest storm repair costs will easily overwhelm the community's annual highway budget and become an economic crisis for the town. According to U.S. Census data, 10% of all Pittsfield residents were at or below the poverty level in the past twelve months. Pittsfield's per capita income is \$29,268.

Several other Rutland County communities were severely impacted as well. The Town of Chittenden, for example, with a population of 1,258, incurred \$83,471 in damages of \$66.35 per capita. Overall, the disaster costs in Rutland County, with a total of 61,642 people, was \$1,018,369, or \$16.52 per capita. Rutland County's per capita income is \$25,426, below Vermont's overall per capita income of \$27,478.

The Honorable Donald J. Trump May 28, 2019 Page Five

In Windsor County, with a U.S. Census population of 56,670, towns incurred costs of \$590,586, i.e. \$10.42 per capita. The Town of Bethel, with a population of 2,030 and a poverty rate of 9.8%, had local road damages of \$395,878 i.e. \$195.00 per capita. The Town of Bethel took a direct hit from this storm. In addition to the damage mentioned previously on the Bethel Mountain Road, the approaches to the bridge on Lilliesville Brook Road were completely wiped out, causing a lengthy and circuitous detour for many residents. The Town of Bethel conducted emergency repairs to get roads passable and is currently procuring engineering services to develop detailed requests for proposals for permanent repairs. Bethel's per capita income is \$25,118.

Lunenburg is a town of 1,302 residents in sparsely-populated Essex County, in Vermont's Northeast Kingdom. This community has a poverty rate of 16.2% and per capita income of only \$17,854. The PDA validated damages of \$5,572 for emergency protective measures and \$19,154 for road repairs, for an impact of \$18.99 per capita. The 6,306 people of Essex County have a per capita income of \$20,040.

In the six counties requested for declaration, virtually all of the damages captured in the PDA (99.2%) were in Category C (Roads and Bridges). The remaining 0.8% of damages captured were Category B (Emergency Protective Measures). The PDA results illustrate the primary impact of this storm was particularly difficult for rural towns with many dirt and secondary roads. These roadways are the primary access points for residents and emergency responders. Flash flooding cause seventy-four towns to report impacts on their roads and many reported multiple road closures due to washouts during the incident. Additionally, during the height of the incident twenty-one state roads were closed due to flooding or wash-outs. The PDA validated \$2,397,286 in damages in all six requested counties.

Towns in Vermont obtain insurance through the Vermont League of Cities and Towns' Property and Casualty Intermunicipal Fund (PACIF), but roads, water crossings, and drainage structures are not covered, nor is insurance coverage commercially available. Accordingly, repair costs for local roads must be shouldered by local property taxpayers with state assistance.

The impacts of the April 15, 2019 event exceed the currently available capabilities of the State of Vermont. Since 2013, Vermont has experienced nine (9) federally-declared and numerous nondeclared disasters: DR4120 (May 2013 flooding), DR4140 (June-July 2013 flooding), DR4163 (December 2013 ice storm), DR4178 (April 2014 flooding), DR4207 (December 2014 severe winter storm), DR4232 (June 9, 2015 flooding), DR4330 (June-July 2017 flooding), DR4356 (October 29-30, 2018 severe storm and flooding), and DR4380 (May 4-5, 2018 severe storm). The most recent three disasters, DR4330, DR4356, and DR4380, contain many subgrants still open at this time. Of the ten most heavily-impacted towns for the April 15, 2019 (based on PDA rcsults), six of them (Bethel, Brookfield, Northfield, Randolph, Roxbury, and Wells) also incurred damage in DR4330. Randolph is also still in recovery from DR4356. The Honorable Donald J. Trump May 28, 2019 Page Six

The April 15, 2019 storm bears a striking resemblance to DR4178, the severe storms and flooding of April 15-18, 2014. That event, which was declared for seven counties, resulted in \$1.8 million in federal share Public Assistance. The DR4178 Public Assistance grant was closed on September 14, 2018.

Several significant weather events have also impacted the state recently which have not been declared. In October 2018, a wind storm caused approximately 10,000 power outages. Then, on November 26-28, a winter storm caused approximately \$1.6 million in validated Category F (Utilities) damages to non-profit electric utilities as well as \$14 million in reported damages to private electric utilities. Vermont's Major Disaster Declaration request for this event was denied. The costs of the November 26-28, 2018 event will be borne by utility ratepayers. The result will be increases in residential electric rates in all the counties impacted by this disaster.

Budget development for the Emergency Relief and Assistance Fund (ERAF) for State Fiscal Year 2020 (SFY 2020) has demonstrated a gap between anticipated General Fund revenues and planned appropriations. ERAF provides the non-federal share of declared disasters and is funded through General Fund appropriations. It covers a percentage of non-federal share of municipal infrastructure repairs. We currently have just over \$850,000 of ERAF funds available, and an additional \$220,000 currently included in the SFY'20 budget proposal, but it is already spoken for to meet obligations for the state share of municipal damages incurred in DR4330, DR4356, and DR4380. This new disaster is expected to have total eligible municipal damages of at least \$2.5 million, with an average ERAF state share of approximately 13%. Accordingly, the State Legislature will likely face a mid-year budget adjustment request in January 2020 of approximately \$325,000 to cover the State's share of assisting municipalities to recover from this flooding.

The impacts of the April 15, 2019 disaster would have been significantly more severe if not for mitigation work previously undertaken. Vermont and FEMA have been successful in recent years in making use of available Section 404 (42 U.S. § 5170c) and Section 406 (42 U.S. § 5172) Hazard Mitigation funding to reduce vulnerability to future flooding. Because of Vermont's steep terrain, small towns which historically developed around hydropower are still susceptible to violent fluvial erosion caused by heavy localized rains, which is exacerbated when coupled with rapid snowmelt. In small Windsor County towns such as Hartland and Strafford, less than \$10,000 of road damage was caused by this storm. That demonstrates the success of hazard mitigation measures which were included in repairs conducted in those communities following DR4022 (Tropical Storm Irene) in 2011 and DR4330 in 2017.

Furthermore, because this storm was severe in the towns of Pittsfield, Bethel and Stockbridge, we can assert that the damage would have been much worse in these towns without prior investments in hazard mitigation through Section 404 of the Stafford Act. Specifically, since

The Honorable Donald J. Trump May 28, 2019 Page Seven

DR4022, five properties in Pittsfield, three properties in Bethel and eleven properties in the Schaff Haus neighborhood of Stockbridge have been acquired and demolished through the Hazard Mitigation Grant Program (HMGP). These homes, if left in their flood-vulnerable locations, would have been damaged in this event. In the town of Londonderry four homes and one business have also been acquired and demolished with HMGP funds, which would otherwise have received damage during this event. Additionally, several infrastructure projects completed under the Hazard Mitigation Assistance (HMA) programs in recent years have increased the resilience of local roadways. We are committed to continuing our ongoing effort build resiliency and reduce flood vulnerability using Section 406 and Section 404 hazard mitigation.

The greatest remaining unmet recovery need associated with the April 15, 2019 flood is for financial assistance to the impacted communities to help them avoid economic shock to businesses and families. Without federal assistance, there will be a substantial economically-damaging property tax increases in many vulnerable communities. The total statewide sum of costs from this storm, more than double the \$1 million statewide indicator for Vermont, are of a severity and magnitude which exceed the capabilities of the State and affected local governments without federal assistance. Accordingly, I request a Major Disaster Declaration under the Stafford Act for Public Assistance in Bennington, Essex, Orange, Rutland, Washington, and Windsor Counties and Hazard Mitigation statewide to aid in the recovery.

Thank you for your continued support of the State of Vermont and our residents.

Sincerely, Philip B. Sco Governor

PBS/kp

#### **Enclosures:**

OMB No. 1660-0009/FEMA Form 010-0-13 A: Individual Assistance (Not requested at this time) B: Public Assistance C: Requirements for Other Federal Agency Programs Additional Supporting Documentation: "For The Record" NWS Memorandum Summary dated April 16, 2019

## **ENCLOSURE A**

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# TO MAJOR DISASTER REQUEST - INDIVIDUAL ASSISTANCE

Estimated Requirements for Individual Assistance under the Stafford Act The State of Vermont is not requesting Individual Assistance for this event.

## **ENCLOSURE B**

# TO MAJOR DISASTER REQUEST - PUBLIC ASSISTANCE

Estimated Stafford Act Requirements for Public Assistance

#### DAMAGE ASSESSMENT WORKSHEET

Event Name: Event Date(s):		Flooding 15-Apr-2019										
State \$1 50 County \$3 78				V	ERMON	Т						
Date: 5/10/2019				PUBLIC	DAMAGE				l		GOAL	
Report #:	A	B	C	0	E	F	Ğ	TOTAL	POP. '10	S/CAP.	\$3.78/CAP.	SHORT
Addison Co	\$0	\$0	~ <b>\$</b> 0	<b>\$</b> 0	\$0	\$0	\$0	\$0	36,821	\$0.00	\$139,183	(\$109,164)
Bennington Co	\$0	\$0	\$198,984	\$0	\$0	\$0	\$0	\$198,984	37,125	\$5 36	\$140,333	\$0
Caledonia Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	31,227	\$0.00	\$118,038	(\$118.039)
Chillenden Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	156,545	\$0 00	\$591,740	(\$591,741)
Essex Ca	\$0	\$15.333	<b>\$2</b> 7,111	\$0	\$0	\$0	\$0	\$4 <b>2,4</b> 44	6,306	\$6 73	\$23,837	\$0
Franklin Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	47,746	\$0.00	\$180,480	(\$180 480)
Grand Isle Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	6,970	\$0.00	\$26,347	(\$26,347)
Lamoille Co	\$0	\$0	50	\$0	\$0	\$0	\$0	\$0	24,475	\$0 00	\$92,516	(\$92,515)
Orange Co	\$0	\$3,848	\$272,393	\$0	\$0	\$0	\$0	\$276,240	28,936	\$9 55	\$109,378	\$0
Orleans Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	27,231	\$0 00	\$102,933	(\$102,924)
Rutland Co	\$0	\$0	\$1,018,369	<b>\$</b> 0	\$0	\$0	\$0	\$1,018,369	61,642	\$16 52	\$233,007	\$0
Washington Co	\$0	\$0	\$270,662	\$0	\$3	\$0	\$0	\$270,662	59,534	\$4 55	\$225,039	\$0
Windham Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	44,513	\$0.00	\$168,259	(\$168,260)
Windsor Co	\$0	\$0	\$590,586	\$0	\$0	\$0	\$0	\$590,586	56,670	\$10 42	\$214,213	\$0
Slate Agencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	38	State POP	S/CAP.	\$1.50/CAP	SHORT
TOTALS	\$0	\$19,181	\$2,378,105	\$0	\$0	\$0	\$0	\$2,397,286	625,741	\$3.03	\$1,000,000	\$0
NOTES	DEBRIS	PROTECTIVE	ROAD	WATER	BUILDINGS &	PUBLIC	PARKS 8	Comment	625,741	State	Poculation lota	il check-sum
PDA	CLEARANCE	MEASURES	SYSTEM	CONTROL.	EQUIPMENT	UTILITY	OTHER				***************************************	
Porcentagos	0 00%	0 80%	99 20%	0 00%	0.00%	0 00%	0.00%					

#### DAMAGE ASSESSMENT WORKSHEET

Date: 5/10/2019			PUBL	C DAMAGE-	STATE AGE	NCIES		
Report #:	A	B	C	D	E	F	G	TOTAL
τοα	8	\$	3	8	\$	\$	5	\$0
ANR	\$	\$	5	5	\$	5	5	\$0
Forest & Parks	3	s	\$	3	\$	\$	\$	\$0
VEM	3	\$	<b>å</b>	\$	\$	8	5	\$0
VAST	\$	\$	\$	\$	\$	\$	\$	\$0
Rails to Tr <b>ails</b>	\$	\$	\$	5	\$	\$	\$	\$0
	\$	\$	\$	\$	\$	5	\$	\$0
	\$	\$	\$	\$	5	\$	5	<b>\$</b> 0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

# ENCLOSURE C

# TO MAJOR DISASTER REQUEST

.

# Estimated Assistance from Other Federal Agency Programs

County	SBA Home Loans	SBA Busin <b>ess</b> Loans	FSA Loans	NRCS	FHWA	USACE	OTHER
All	TBD	TBD	TBD	TBD	\$2,007,146.00	TBD	TBD
							·
· · · · ·	••••••••••••••••••••••••••••••••••••••		1	i u i	<b></b> .		<b>m</b> ·
Totals					\$2,007,146.00		<b>4</b>

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### **ADDITIONAL SUPPORTING DOCUMENTATION**

### **TO MAJOR DISASTER REQUEST**



National Oceanic and Atmospheric Administration National Weather Service Weather Forecast Office Burlington, VT 1200 Airport Dr South Burlington, VT 05403 www.weather.gov/btv

April 16, 2019

MEMORANDUM: FOR THE RECORD

FROM:

Scott Whittier, Warning Coordination Meteorologist NOAA/National Weather Service Burlington, VT

SUBJECT:Significant Spring Flooding across portions of Vermont on<br/>15 April 2019.

Significant stream, river and some flash flooding occurred across portions of southern, central Vermont as well as portions of the Connecticut River valley on April 15th due to some localized training of heavy rainfall in excess of 2 inches in combination with enhanced snow melt. Elsewhere, streams and rivers were near or just above bank full with field flooding as rainfall amounts were generally less than an inch.

**Pre-cursor:** As of the morning of April 12th, snow packs across Vermont were largely confined to the mid-terrain and higher elevations across the Green Mountains, as well as some higher elevated valleys of north-central and especially northeast Vermont.

Snow depths of this snow pack ranged from less than a foot in the valleys of the Green Mountains, 1 to 2 feet along mid-terrain and in excess of 3-4 feet in the summits (Figure 1). Estimated water equivalent (content) of this snow pack ranged from less than 3 inches in the valleys of the Green Mountains, 3 to 6 inches along mid-terrain with 6-10+ inches in the summits (Figure 2).

**Pre-event Friday (4/12) – Sunday (4/14):** High temperatures in the upper 40s to lower 60s Friday, 60s to lower 70s Saturday and 50s to lower 60s on Sunday caused extensive snow melt, model estimated 2-3+ inches of water equivalent, that ran-off into area

streams and eventually rivers, but no flooding was a direct result of snow melt alone (Figure 3).

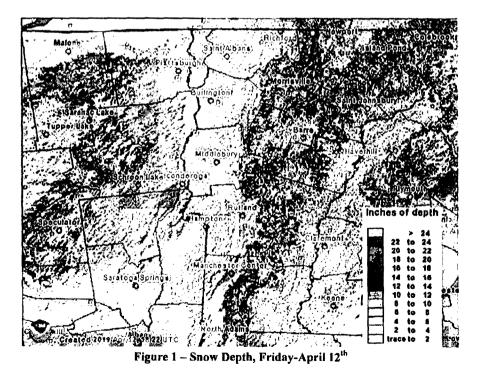
(Figures 4,5,6,7) show modeled estimated snow melt and snow depth loss for four stations (Greensboro, Lyndonville, South Pomfret and Warren). Navy blue is water equivalent and sky blue is snow depth.

The event Sunday night (4/14) – Monday (4/15): Showers overspread much of Vermont during the late afternoon and evening hours of Sunday.

Beginning just before midnight Monday and continuing through daybreak, several rounds (training) of embedded heavy rain moved southwest to northeast from Bennington and Rutland counties through portions of Addison, Windsor, Washington, Orange, Caledonia, Orleans and Essex counties.

It was this "training" of heavy rainfall that produced rainfall amounts of 1.5 to 3 inches (Figure 8) within 6 to 8 hours, combined with excessive snow melt which led to "flash flooding" of streams, as well as river flooding, that resulted in washed out and closed roads.

Elsewhere, general rainfall of less than an inch combined with snow melt caused many other streams and rivers to reach or exceed bank full conditions resulting in minor flooding, especially fields and a few roads.



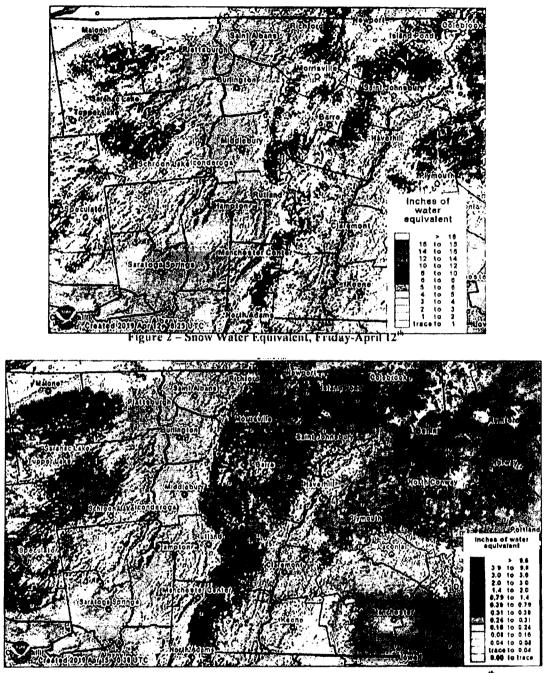
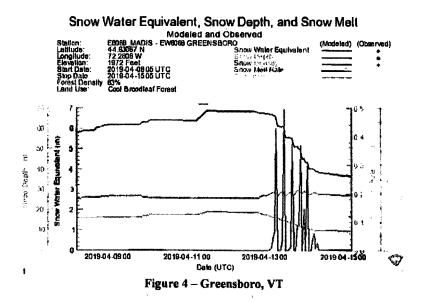
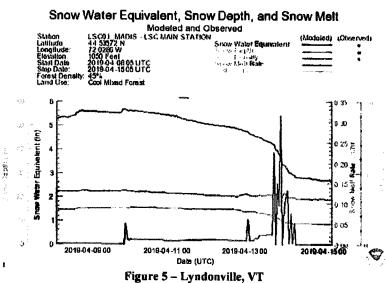
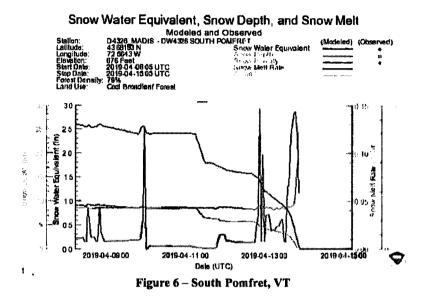


Figure 3 - Model estimated 72 hour Snow Water Equivalent MELT, Monday-April 15th

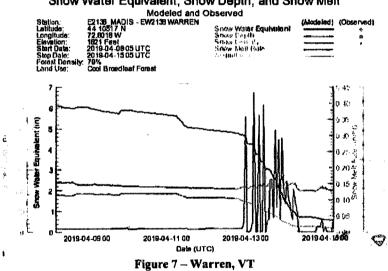






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Snow Water Equivalent, Snow Depth, and Snow Melt



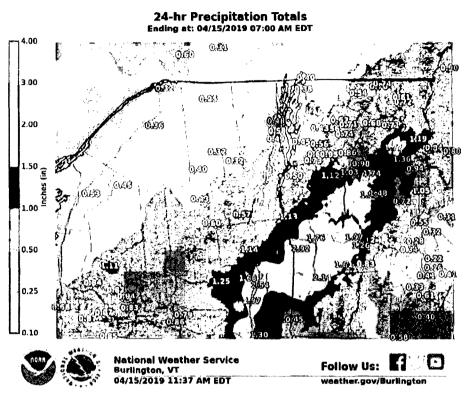
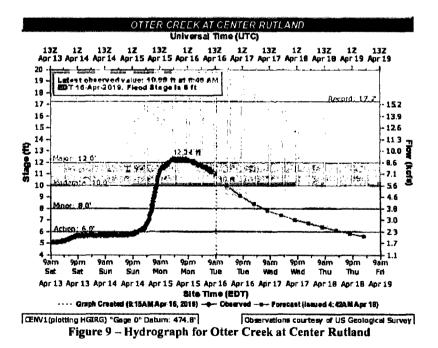
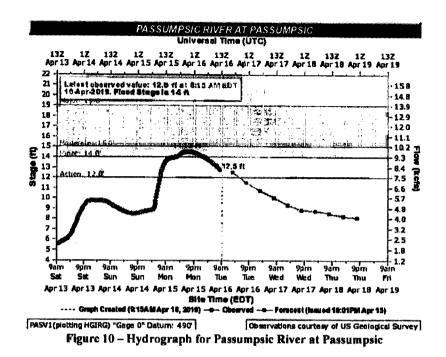
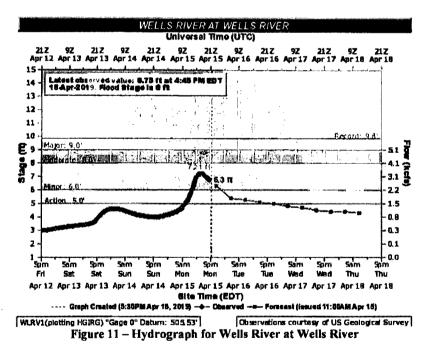
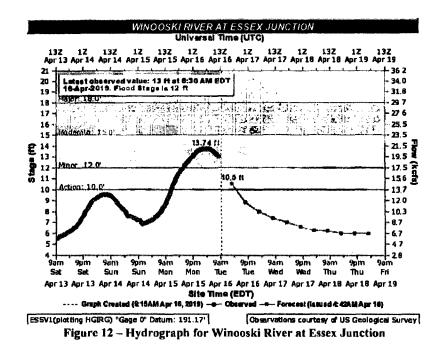


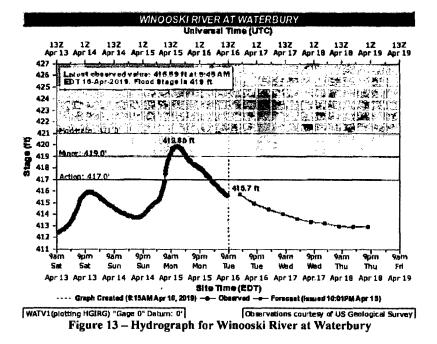
Figure 8 - Storm Total Rainfall ending Monday midday 4/15/19

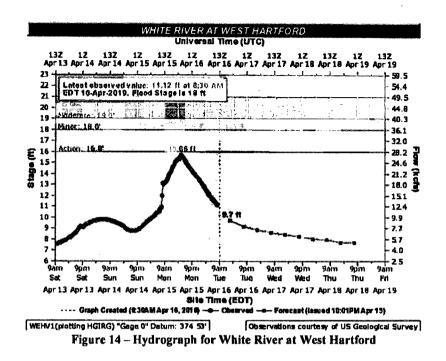












DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency REQUEST FOR PRESIDENTIAL DISASTER DECLARATION MAJOR DISASTER OR EMERGENCY

OMB Control Number 1660-0009 Expires 09/30/2019 1. Request Date May 29, 2019

MACONDIGACTE		
the form. This collection of information is requiruless it displays a valid OMB control number. for reducing the burden to: Information Collection Management Agency, 500 C Street SW, Washi your completed form to this address.	sources, gathering and maintainin ed to obtain a benefit. You are not Send comments regarding the ac- ons Management, Department of I ngton, DC 20472, Paperwork Rec	e. The burden estimate includes the time for g the data needed, and completing and submitting t required to respond to this collection of information curacy of the burden estimate and any suggestions Homeland Security, Federal Emergency Juction Project (1660-0009). NOTE: Do not send
	espectively, as implemented at 44	ents for emergency and major disaster declaration C.F.R., §§ 206.35 and 206.36. Failure to use this ing the request.
2a. Name of State (as defined in Stafford Act 1 tribal government requesting declaration. Vermont	02, 42 U.S.C. § 5122) or Indian	2b. Population (as reported by 2010 Census) or estimated population of Indian tribal government's damaged area(s). 625,741
3. Governor's or Tribal Chief Executive's Name Philip B. Scott	4. Designation of State or Tribal and phone number Erica Bornemann, (802) 241-548	Coordinating Officer upon declaration (if available)
5. Designation of Governor's Authorized Repre phone number Susanne R. Young, (802) 828-3322	sentative or Tribal Chief Executive	e Representative upon declaration (if available) and
6. Declaration Request For: 🔀 Major Disas	eter (Stafford Act Sec. (a))	ergency (Stafford Act Sec. 501
	Date offic age 5, 2019 or Continuing inci- seis	questing a "continuing" incident period, enclose an ial statement from a qualified Federal Government ncy acknowledged as a national authority in a specific dent field (e.g., United States Geological Survey for mic incidents, the National Weather Service for ding).
7b Type of Incident (Check all that apply)		
Drought Earthquake Explos	sion 🔲 Fire 🔀 Flood	I 🗌 Hurricane 📋 Landslide 🛄 Mudslide
Severe Storm (rain, high water, wind-driven, rain, hail, lightning)	Snowstorm (Must include Enclosure D: Hi Data)	storic and Current Snowfall 🛛 🗌 Straight-Line Winds
Tidal Wave 🔲 Tornado 📄 Tropical I		Tsunami Volcanic Eruption Winter Storm
Other (please specify)		
8. Description of damages (Short description of enclosed Governor's or Tribal Chief Executive		area and population). Include additional details in
the snowpack. The combination devastated ba more than double the Statewide indicator. The	ck roads in dozens of communitie are was more than \$1 million of ro	other three inches of water equivalent melting out of s. Total PDA-validated cost statewide was \$2,397,286 ad damage in Rutland County alone. Businesses me evacuations were necessary, and four swiftwater
Red Cross, Vermont 211, Urban Search and F of Transportation, Agency of Human Services, and the Vermont National Guard. The Emerge assist municipalities with a percentage of non-	ed Governor's or Tribal Chief Exe DC) was elevated to Partial Activa following State partners and agen Rescue and Swiftwater Rescue Te Department of Health, Agency of ency Relief and Assistance Fund ( federal cost share (ranging from 3 If share through local property tax	cutive's cover letter.

FEMA Form 010-0-13, (5/17)

	10. Joint Prelim	ninary Damage As	ssessment*	
Individual Assistance Dates Perf	ormed Requested		Start	End
Individual Assistance Accessibility Probl			ed, and wh <b>y)</b>	
τ.				
Public Assistance Dates Perform	ned Requested A	pr 17, 2019	Start Apr 24, 2019	End May 9, 2019
Public Assistance Accessibility Problems None,	s (Areas that could n	ot be accessed, a	and why)	and a second
alanan yang kanalaran kanalaran kanalaran kanalaran kanalaran kanalaran kanalaran kanalaran kanalaran kanalara				
	11. Program	ns and Areas Req	uested	
	viduals and Househ gram	olds 🗌 Crisis	Counseling Program	Disaster Unemployment Assistance
Ali Disaster Case Managem	ent 🗌 Disaster	Legal Services	Small Business Ad Assistance	dministration (SBA) Disaster
For the following jurisdictions, specify pro tribe(s) and/or tribal area(s)) If additional	ograms and areas (c	ounties, parishes	, independent cities; for	Indian tribal government, list
	apace is needed, pr			
	11			
For States, identify Federally-recognized	Tribes in the reques	sted counties (if a	pplicable).	
,				
Please see Enclosure A: Supplemental	Information for inc	dividual Assista	nce for additional inform	nation in support of this request*
*Not Required for Emergency Declaration			,	· · · ·

FEMA Form 010-0-13, (5/17)

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11. Programs and Areas Requested (Continued)
Public Assistance       N/A       Image: Category A in the second
For the following jurisdictions, specify programs and areas (counties, parishes, independent cities; for Indian tribal government, list tribe(s) and/or tribal area(s)). If additional space is needed or your request includes different categories of work for different jurisdictions; please enclose additional documentation.
Public Assistance is requested for the following six (6) counties: Bennington (\$198,984 in damages, \$140,333 threshold), Essex (\$42,444 in damages, \$23,837 threshold), Orange (\$276,240 in damages, \$109,378 threshold), Rutland (\$1,018,369 in damages, \$233,007 threshold), Washington (\$270,662 in damages, \$225,039 threshold) and Windsor (\$590,586 in damages, \$214,213 threshold).
For States, identify Federally-recognized Tribes included in the requested counties (if applicable).
Please see Enclosure B: Supplemental Information for Public Assistance for additional information in support of this request*
Indemnification for Debris Removal Activity
I do not anticipate the need for debris removal.
I anticipate the need for debris removal, which poses an immediate threat to lives, public health and safety. Pursuant to Sections 403 and 407 of the Stafford Act, 42 U.S.C. §§ 5170b & 5173, the State or Indian tribal government agrees to indemnify and hold Anticipate the United States of America for any claims arising from the removal of debris or wreckage for this disaster. The State or Indian tribal government agrees that debris removal from public and private property will not occur until the landowner signs an unconditional authorization for the removal of debris.
Request for Direct Federal Assistance
I do not request direct Federal assistance at this time.
□ I request direct Federal assistance for work and services to save lives and protect property, and:
a. I request the following type(s) of assistance:
b. List of reasons why State and local or Indian tribal government cannot perform, or contract for, required work and services.
c. In accordance with 44 C.F.R. § 206.208, the State or Indian tribal government agrees that it will, with respect to direct Federal assistance: (1) Provide without cost to the United States all lands, easements, and rights-of-ways necessary to accomplish the approved work; (2) Hold and save the United States free from damages due to the requested work, and shall indemnify the Federal Government against any claims arising from such work; (3) Provide reimbursement to FEMA for the non-Federal share of the cost of such work in accordance with the provisions of the FEMA-State or FEMA-Tribe Agreement ; and (4) Assist the performing Federal agency in all support and local jurisdictional matters.
Request for Snow Assistance
N/A I request snow assistance.
Snow assistance for the following jurisdictions (Specify counties, independent cities or tribes and/or tribal areas).
Please see Enclosure D: Historic and Current Snowfall Data for additional information in support of this request*
*Not Required for Emergency Declaration Request

FEMA Form 010-0-13, (5/17)

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11. Programs and Areas Requested (Continued)
Hazard Mitigation* 🔀 Statewide OR
For the following specific counties, parishes, independent cities or tribes and/or tribal areas.
12. Mitigation Plan Information*
a. Mitigation Plan Expiration Date November 16, 2023 b. Type of Plan Enhanced X Standard
13. Other Federal Agency Programs
Agencies
Please see Enclosure C: Requirements for Other Federal Agency Programs for additional information in support of this request*.
14. Findings and Certifications
I certify the following:
a. I have determined that this incident is of such severity and magnitude that effective response is beyond the capabilities of the State and the affected local government or Indian tribal government and that supplementary federal assistance is necessary.
b. In response to this incident, I have taken appropriate action under State or tribal law and have directed the execution of the State or Tribal Emergency Plan on <u>April 15, 2019</u> in accordance with the Stateford Act.
c. The State and local governments, or Indian tribal government will assume all applicable non-Federal share of costs required by the Stafford Act.
15. List of Enclosures and Supporting Documentation
X Cover Letter □ Enclosure A (Individual Assistance)*     X Enclosure B (Public Assistance)*
Enclosure C (Requirements for Other Federal Agency Programs)
X Additional Supporting Documentation National Weather Service "For the Record" Memorandum of April 16, 2019
Ann
Governor son Tribal Chief Executive's Signature
If anyone except the Governor or Tribal Chief Executive signs this document, please provide the documentation that establishes that this individual has the legal authority to act on behalf of the Governor or Tribal Chief Executive.
*Not Required for Emergency Declaration Request

FEMA Form 010-0-13, (5/17)

				Event: S	evere Storm	and Flooding	g April 15, 20	19				
			End Date 4/15/2019	Description Flooding				FHWA Declaration			Status Active	
County	Debris Removal (Cat. A)	Protective Measuros (Cet. B)	Roads and Bridges (Cat. C)	Water Control Facilities (Cat. D)	Buildings and Equipment (Cot. E)	Utilizies (Cat. F)	Parks, Recreation (Cat. G)	Total	POP	s/cap	\$3.68/ CAP	Threshold Met
Addison	*	*	•	•	•	•	*	•	36,821	·	135,501.28	No
Bennington	-		198,984.00	٠	•	-		198,984.00	37,125	5.36	136,620.00	Yes
Caledonia	•	•	•	•	-	-	•	•	31,227	•	114,915.36	No
Chittenden	•	•	*	•	,	•			156,545	-	576,085.60	No
ssex	•	15,333.00	27,111.00	•		-	-	42,444.00	6,306	6.73	23,206.08	Yes
ranklin	•	-	•	•		•	•		47,746	-	175,705.28	No
Grand Isle	•	•	•	•	*	•	•	-	6,970	•	25,649.60	No
amoille	•	•	•	•	•	•	•	-	24,475		90,068.00	No
Drange		3,848.00	272,393.00	-	-	•	•	276,241.00	28,936	9.55	106,484.48	Yes
Drieans	-	•	•	•	•	•	-	•	27,231	•	100,210,08	No
Rutland	•		1,018,369.00	•	•	•		1,018,369.00	61,642	16.52	226,842.56	Yes
Vashington	•	•	270,662.00	•	•	-	•	270,662.00	59,534	4.55	219,085.12	Yes
Vindham	•	•			~		٠		44,513		163,807.84	No
Nindsor	-	-	590,586.00		-	•	•	590,586.00	56,670	10.42	208,545.60	Yes
State Agencies	-	•	•	•	•	•	-	-	0	-	, ,	
Totals:	· ·	19,181.00	2,378,105,00			•	*	2,397,286.00	625,741	3.83	2,302,727.00	

Applicant Name:	Application Title:
DEPARTMENT OF PUBLIC SAFETY	SF-424 for Disaster Number 4445
Period of Performance Start:	Period of Performance End:

# **Grant Application - Entire Application**

Application Title: SF-424 for Disaster Number 4445 Application Number: Application Type: Grant Application (SF-424)

Funds Allocated: **\$ 0.00** FedShare Estimated: **\$ 0.00** Fedshare Requested: **\$ 0.00** Fedshare Obligated: **\$ 0.00** Number of Pre-Applications (RPAs/RFMAs) Submitted to FEMA: **49** Number of Subgrant Applications (PWs) Submitted to FEMA: **0** 

	Preparer Information
Prefix	
First Name	Melissa
Middle Initial	×
Last Name	Austin
Title	Financial Administrator
Agency/Organization Name	Vermont Department of Public Safety
Address 1	45 State Drive
Address 2	
City	Waterbury
State	VT
Zip	05671 - 1300
Phone	802-241-5396
Email	melissa.austin@vermont.gov

Is the application preparer the Point of Contact? No

	Contact Information		
Prefix	<i>.</i>		
First Name	Kim		
Middle Initial			
Last Name	Canarecci		
Suffix			
Phone	802-585-4209		
Fax			
Email	kim.canarecci@vermont.gov		

Applicant Information				
Disaster Number:	4445			
Applicant Legal Name	DEPARTMENT OF PUBLIC SAFETY			
Applicant ID				
Congressional District	00			
Type of Applicant:	State Government			
Federal Employer Identification Number(EIN) If Indian Tribe, this is your Tribal Identification Number:	03-6000264			
What is your DUNS Number	809376692			
Comments				
Attachments				

	Organization Information
Division	Emergency Management
Department	Public Safety
Address Line 1	45 State Drive
Address Line 2	
County	Washington
City	Waterbury
State	VT
Zip	05671 - 1300
Country	United States of America
Phone	802-244-8721

**Project Information** 

List the Congressional District(s) for your Project: Areas affected by the Project:

Bennington, Essex, Orange, Rutland, Washington, and Windsor Counties.

Comments		
Attachments		

	Budget Estimate \$		Percentage of Total Budget Estimate
Federal		\$ 17 <b>9</b> 7965	75.00%
Applicant		\$0	0.00%
State		\$ 257708	10.75%
Local		\$ 341613	14.25%
Other		<b>\$</b> 0	0.00%
Program Income		\$0	0.00%

Total

100%

Comments	
Attachments	

Comments and Attachments				
Name of Section	Comment	Attachment		
Á	ssurances and Certifications			
Forms		Status		
Part I: FEMA Form 20-16A, Assurances Non-	Construction Programs.	Complete Applicable		
Part II: FEMA Form 20-16B, Assurances Con	Complete Applicable			
Part III: FEMA Form 20-16C, Certifications Re Suspension and Other Responsibilities Matter Requirements.	Complete			
Part IV: SF-LLL, Disclosure of Lobbying Activition \$100,000 and have lobbying activities using Non-Fe definition.)	ities (Complete only if applying for a grant of more derail funds. See Form 20-16C for tobbying activities	Complete Not Applicable		

# FEMA Form 20-16A

#### **Assurances Non-Construction Programs**

**Note:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

- 1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- 2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- Will establish safeguards to prohibit employees from using their positions for a purpose that constitute or presents the appearance of personal or organizational conflict of interest, or personal gain.
- 4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- Will comply with the Intergovernmental Personnel Act of 1970 (42 USC 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 CFR 900, Subpart F).
- 6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (PL 88-3S2) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 USC 11681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (20 USC ~ 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as

amended (42 USC " 6101~106), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 19 (PL 92-255), as amended, relating to n' discrimination on the basis of drug abuse; (f) Comprehensive Alcohol Abuse and Alcohol Prevention, Treatment and Rehabilitation Act of 1970 (PL 91-616), as amended, relating nondiscrimination on the basis of alcohol abuse alcoholism; (g) sections 523 and 527 of the Public Health Service Act of 1912 (42 USC 290 dd-3 and 290 ee-3), as amended, relating to confidentially of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 USC 3601 et seq.) as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute under which application for Federal assistance being made; and O the requirements of any off nondiscrimination statute(s) which may apply to application.

- 7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (PL 91~ which provide fair and equitable treatment of persons displaced whose property is acquired as a result of Federal federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- Will comply with the provisions of the Hatch Act (5 USC 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
- Will comply, as applicable, with the provisions of Davis-Bacon Act (40 USC 276a to 276a-7), Copeland Act (40 USC 276c and 18 USC 874), and the Contract Work Hours and Safe Standards Act (40 USC 327-333); regard labor standards for federally assisted construct subagreements.
- 10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (PL 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with-EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. I' 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. I 7401 et seq.); (g) protection of underground source of drinking water under the Safe Drinking Water Act of 1974, as amended, (PL 93-523); and (h) protection of endangered species under the Endangered Special Act of 1973, as amended, (PL 93-205).
- Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification protection of historic properties), and Archaeological and Historic Preservation Al 1974 (16 U.S.C. 469a-1 et seq.)
- 14. Will comply with PL 93-348 regarding protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal We Act of 1966 (PL 89-544, as amended, 7 U. 2131 et seq.) pertaining to the care, handling, treatment of warm blooded animals held research, teaching, or other activities supports this award of assistance.
- 16. Will comply with the Lead-Based Paint Poise Prevention Act (42 U.S.C. 4801 et seq.) which prohibits the use of lead based paint in construe or rehabilitation of residence structures.
- 17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- Will comply with all applicable requirements a other Federal laws, executive orders, regular and policies governing this program.
- 19. It will comply with the minimum wage and maximum hours provisions of the Federal fair Labor Standards Act (29 U.S.C 201), as they apply to employees of institutions of higher education, hospitals, and other non-profit organizations.

## FEMA Form 20-16B

#### Assurances Construction Programs

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

#### PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

- 1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- 2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- 3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
- 4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
- 5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other Information as may be required by the assistance awarding agency or State.
- 6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
- 8. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain. nondiscrimination statute(s) which may apply to the application.
- 9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
- 10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681- 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to

nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

- 11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
- Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327- 333) regarding labor standards for federally-assisted construction subagreements.
- 14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91- 190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
- 16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- 17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
- 18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- 19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

### FEMA Form 20-16C

Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibilities Matters; and Drug-Free Workplace, Requirements.

Applicants should refer to the regulations cited below to determine the certification to which they are required to

attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying; and 44 CFR Part 17, "Government-wide Debarment and suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Federal Emergency Management Agency (FEMA) determines to award the covered transaction, grant, or cooperative agreement.

#### 1. LOBBYING

As required by the section 1352, Title 31 of the US Code, and implemented at 44 CFR Part 1a for persons into a grant or cooperative agreement over \$100,000, as defined at 44CFR Part 16, the applicant certifis that:

(1) No federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of any agency, a Member of congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any federal grant, the entering into of any cooperative agreement and extension, continuation, renewal amendment or modification of any Federal Grant or cooperative agreement.

(2) If any other funds than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any federal grant, the entering into of any cooperative agreement: the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

Standard Form LLL Disclosure of Lobbying Activities Attached? No

(3) The undersigned shall equire that the language of this certification be included in the award documents for all the subawards at all tiers (including subgrants, contracts under garnts and cooperative agreements and subcontract(s)) and that all subrecipients shall certify and disclose accordingly.

#### 2. Debarment, Suspension and Other Responsibilities Matters (Direct Recipient)

As required by Executive Order 12549, Debarment and Suspension, and implemented a: 44CFR Part 67, for participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17-510A, the applicant certifies that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency.

(2) Have not within a three-year period preceding this application been convicted of or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

(3) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or locally) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and

(4) have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

#### 3. Drug-Free Workplace (Grantees other than individuals)

As required by the Drug-Free Workplace Act of 1988, and implemented at 44CFR Part 17, Subpart F, for grantees, as defined at 44 CFR part 17, Sections 17.615 and 17.623:

(A) The applicant certifies that ii will continue to provide a drug-free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition:

(b) Establishing an on -going drug free awareness program to inform employees about:

(1) The dangers of drug abuse in the workplace;

(2) The grantees policy of maintaining a drug-free workplace;

(3) Any available drug counseling, rehabilitation and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a); (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will:

(1) Abide by the terms of the statement and (2)Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

(e) Notifying the agency, in writing within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to the applicable FEMA awarding office, i.e. regional office or FEMA office. (f) Taking one of the Following actions against such an employee, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted:

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended: or

(2) Require such employee to participate satisfactorily in a drug abuse

assistance or rehabilitation program approved for such purposes by a

Federal, State, or local health, law enforcement or other appropriate agency.

(g) Making a good effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

(B) The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant.

Place of Performance						
Street		City	State	Zip	Action	
45 State Drive	Waterbury		VT C	5671-1300		

#### include all places of performance, which are workplaces for this application.

Section 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a Statewide certification.

2. DATE SUBMITTED

Grant	Ap	plica	tion -	SF424
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**APPLICATION FOR** FEDERAL ASSISTANCE Applicant Identifier 000-U6HEW-00

#### **1.TYPE OF SUBMISSION**

N/A Application

3. DATE RECEIVED BY Application STATE N/A

Pre-

N/A

4. DATE RECEIVED BY FEDERAL AGENCY NI/A

**5.APPLICANT INFORMATION** 

Legal Name: DEPARTMENT OF PUBLIC SAFETY

Organizational DUNS: 809376692

Address Street: 45 State Drive

City: Waterbury County: Washington State: VT Zip Code: 05671 - 1300 Country: United States of America

6. FEDERAL EMPLOYER IDENTIFICATION NUMBER (EIN) 03-6000264

#### 8. TYPE OF APPLICATION Grant Application (SF-424)

**10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBERS** 97.036 CFDA TITLES: PUBLIC ASSISTANCE

12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.)

Bennington, Essex, Orange, Rutland, Washington, and Windsor Counties.

#### 13. PROPOSED PROJECT:

Start Date: 4/15/2019 End Date: 6/12/2021

#### **15. ESTIMATED FUNDING**

a. Federal

- b. Applicant
- c. State
- d. Local

e. Other

f. Program Income

g. TOTAL

#### \$ 2397286 18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS

**REQUIRED.** a. Name of Authorized Representative b.Title GAR c. Telephone Number scientify of Administration (202) 828-3322 Susance young e. Date Signed d.Signature of Authorized Representative 7/18/19

Ciose Window

State Application Identifier N/A

Federal Identifier

Organizational Unit:

Department: Public Safety

Division: Emergency Management

Name and telephone number of person to be contacted on matters involving this application (give area code) First Name: Kim Prefix:

Middle Initial: Last Name: Canarecci Suffix: Email: kim.canarecci@vermont.gov Fax Number: Phone Number: 802-585-4209

7. TYPE OF APPLICANT State Government

9. NAME OF FEDERAL AGENCY Federal Emergency Management Agency

**11. DESCRIPTIVE TITLE OF APPLICANT'S** PROJECT

N/A DR-4445-VT Severe Storms and Flooding April 15, 2019

14. CONGRESSIONAL DISTRICTS OF: a. Applicant: 00

b. Project:

N/A

\$ 341613

\$0 \$0

\$ 1797965	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?
\$0	17. IS THE APPLICANT DELINQUENT ON
\$ 257708	ANY FEDERAL DEBT? No