



**New England Water Distribution Services, LLC**

# **Comprehensive Leak Detection Survey Report**

**Randolph Center, VT**

**Performed on 5/22/17 and 5/23/17**

# Summary of Survey

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On Monday May 22, 2017 and Wednesday May 23, 2017 New England Water Distribution Services conducted and completed a water leak detection survey for the Randolph Center and Vermont Technical College. During this period of time the weather was cooperative. New England Water Distribution Services was able to complete the survey during daylight hours. All pinpointing was done during daytime hours.

New England Water Distribution Services by listening on all curb stops, meter pits, and blow offs. We identified three service leaks within Randolph Center and a gate valve leak at Vermont Technical College.

## Total Leakage

- Randolph Center - 20 GPM/ 28,800 GPD.
- Vermont Technical College - 6 GPM/ 8640 GPD.

These water systems have excellent mapping with all valves, and curb stops accessible.

We look forward to working with you and your staff in the future. If you have any questions or need our services in the near future, please feel free to call at your convenience.

# Leak Detection Survey Daily Report

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Technician(s):	Randy Troupe	Date:	5/22/17		
Contractor:	New England Water Distribution Services LLC				
Survey Address:	Randolph Center & Vermont Technical College	City:	Randolph Center	State:	VT

Weather:	Cloudy Rain 48 degrees F wind 5-10 mph.
Miles Surveyed: (approximate)	10:30 am - 5:00 pm
Type of Pipe Surveyed:	Ductile Iron, Cast Iron, Copper, PVC, Transite.
Suspicious Areas:	None
Leaks Located:	2980 Vermont Rte 66 leak in the 1 1/2" copper service (11 GPM). 209 East Bethel Rd. First Congressional Church leak in the service line, curb stop will not turn, (4 GPM). 21 Water St. Service line leak (5 GPM) house side of the curb stop.
Leaks Pin-Pointed:	Same as Leaks Located
Additional Comments:	None

Technician(s):	Randy Troupe	Date:	5/23/17		
Contractor:	New England Water Distribution Services LLC				
Survey Address:	Randolph Center & Vermont Technical College	City:	Randolph Center	State:	VT

Weather:	Partly cloudy 68 degrees F wind 0-10 mph
Miles Surveyed: (approximate)	9:30 am - 4:00pm.
Type of Pipe Surveyed:	Ductile Iron, Cast Iron, Copper, PVC, Transite.
Suspicious Areas:	None
Leaks Located:	Vermont Technical College - Outside the Nutting building 6" gate valve leak (6 GPM).
Leaks Pin-Pointed:	Same as Leaks Located
Additional Comments:	None

# Leak Detection Hydrant Report

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<b>Customer:</b>	Randolph Center & Vermont Technical College	<b>Date:</b>	5/26/17
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#(See below)	Leak Address	Hydrant	Leakage Amount: Gallons Per Minute (gpm)	Date Found	Date Pin-Pointed
	TOTAL Leakage Per Minute:	0.0 GPM			
	TOTAL Leakage Per Day:	0.0 GPD			

(gpm = Gallons Per Minute)  
 (gal = gallons)

*Additional Comment:*

# Leak Detection Survey Final Report

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<b>Customer:</b>	Randolph Center & Vermont Technical College	<b>Date:</b>	5/26/17
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#(See below)	Leak Address	Type of Leak	Leakage Amount: Gallons Per Minute (gpm)	Date Found	Date Pin-Pointed
1	2980 Vermont Rt 66	Copper Service	11.0	5/22	5/22
2	209 East Bethel Rd. First Congressional Church	Service Line	4.0	5/22	5/22
3	21 Water St.	Service Line	5.0	5/22	5/22
4	Outside Nutting Building	Gate Valve	6.0	5/23	5/23
	TOTAL Leakage Per Minute:	26 GPM			
	TOTAL Leakage Per Day:	37,440 GPD			

(gpm = Gallons Per Minute)

(gal = gallons)

*Additional Comment:*

# Leak Images

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2980 Vermont Route 66







209 East Bethel Rd. First Congressional Church





21 Water St.





Outside Nutting Building

