

NHPLC 28MAR'19PM12:18

March 27, 2019

Debra A. Howland, Executive Director  
N.H. Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301

Re: DW 18-076 Pennichuck Water Works, Inc.  
Small-Diameter Fire Protection Tariff Rates  
Community Outreach Report

Dear Director Howland:

Pursuant to Order No. 26,200 dated December 17, 2018, the Commission approved Pennichuck Water Works, Inc.'s ("PWW") tariff revisions concerning non-metered private fire protection service. Among the revisions, PWW imposed new installation requirements and prohibited developers and customers from installing single, oversized meters to supply domestic and private fire protection services. As part of its approval, the Commission required PWW to report, no later than April 1, 2019, on PWW's outreach efforts to inform municipal building inspectors and fire inspectors within PWW's service territory of the new service installation configuration. This letter serves as that report.

On January 17, 2019, PWW mailed the attached letter to officials in the following municipalities in its service territory: Amherst, Bedford, Derry, Hollis, Merrimack, Milford, Nashua, and Salem. PWW did not send outreach letters to the towns of Epping, Newmarket and Plaistow because PWW's systems in these towns are not capable of providing private fire protection service.

Since sending the attached outreach letter, PWW has not received any requests for meetings and no town has contacted PWW with any questions. Notwithstanding this lack of inquiry from the towns, PWW remains diligent in making sure developers, contractors, and potential customers are aware of the new required configuration for small-diameter fire protection service. If you have any questions, please do not hesitate to contact me. Thank you in advance for your assistance with this filing.

Very Truly Yours,



Marcia A. Brown

cc: Donald L. Ware, Chief Operating Officer, Pennichuck

Mailing List - PWW COMMUNITIES  
D. Ware Letter dated January 17, 2019 re New Fire Protection Tariff

**Amherst**

Mr. Dean Shankle, Jr.  
Town Administrator  
Amherst Town Hall  
2 Main Street, P.O. Box 960  
Amherst, NH 03031-0960

Chief Matthew Conley  
Amherst Fire Rescue  
177 Amherst Street, P.O. Box 1199  
Amherst, NH 03031

Mr. Scott Tenney  
Building Official  
Building & Code Enforcement Department  
Amherst Town Hall  
2 Main Street, P.O. Box 960  
Amherst, NH 03031-0960

**Bedford**

Mr. Rick Sawyer  
Town Manager  
Bedford Town Offices  
24 North Amherst Road  
Bedford, NH 03110

Chief Scott Wiggin  
Bedford Fire Department  
55 Constitution Drive  
Bedford, NH 03110

Terry Carter  
Code Inspector  
Bedford Building Department  
55 Constitution Drive  
Bedford, NH 03110

**Derry**

Mr. David Caron  
Town Administrator  
Derry Municipal Center  
14 Manning Street  
Derry, NH 03038

Chief Michael Gagnon  
Fire Administration Office  
Derry Municipal Center  
14 Manning Street  
Derry, NH 03038

Mr. Robert Wentworth, Jr.  
Building Inspector  
Derry Municipal Center  
14 Manning Street  
Derry, NH 03038

**Hollis**

Mr. John MacLean  
Interim Town Administrator  
Town Hall  
7 Monument Square  
Hollis, NH 03049

Chief Rick Towne  
Hollis Fire Department  
10 Glenice Drive  
Hollis, NH 03049

Mr. Bill Condra  
Inspector/Code Enforcement  
Town Hall  
7 Monument Square  
Hollis, NH 03049

**Merrimack**

Ms. Eileen Cabanel  
Town Manager  
Town Hall  
6 Baboosic Lake Road  
Merrimack, NH 03054

Chief Michael Currier  
Merrimack Fire and Rescue  
432 Daniel Webster Highway  
Merrimack, NH 03054

Mr. Richard Jones  
Building Official  
Building and Code Enforcement Div.  
432 Daniel Webster Highway  
Merrimack, NH 03054

**Milford**

Mr. Mark Bender  
Town Administrator  
Town of Milford  
1 Union Square  
Milford, NH 03055

Chief Jack Kelly  
Milford Fire Department  
39 School Street  
Milford, NH 03055

Jamie Ramsay  
Building Inspector  
Office of Community Development  
1 Union Square  
Milford, NH 03055

**Nashua**

Ms. Sarah Marchant  
Director, Division of Community Development  
City of Nashua  
229 Main Street, P.O. Box 2019  
Nashua, NH 03061

Chief Brian Rhodes  
Nashua Fire Rescue  
70 East Hollis Street  
Nashua, NH 03060

Mr. William McKinney  
Manager / Building Official  
Building Safety Department  
City of Nashua  
229 Main Street, P.O. Box 2019  
Nashua, NH 03061

**Salem**

Mr. Christopher Dillon  
Town Manager  
Town of Salem  
33 Geremonty Drive  
Salem, NH 03079

Chief Lawrence Best  
Salem Fire Department  
152 Main Street  
Salem, NH 03079

Mr. Mike DiBartolomeo  
Building Inspector  
Building Safety Division  
Town of Salem  
33 Geremonty Drive  
Salem, NH 03079



PENNICHUCK™

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January 17, 2019

Mr. Dean Shankle, Jr.  
Town Administrator  
Amherst Town Hall  
2 Main Street, P.O. Box 960  
Amherst, NH 03031-0960

Chief Matthew Conley  
Amherst Fire Rescue  
177 Amherst Street, P.O. Box 1199  
Amherst, NH 03031

Mr. Scott Tenney  
Building Official  
Building & Code Enforcement Department  
Amherst Town Hall  
2 Main Street, P.O. Box 960  
Amherst, NH 03031-0960

Re: New Fire Protection Tariff Approved for Pennichuck Water Works, Inc.

Dear Town Officials:

This letter is to inform you of new technical requirements Pennichuck Water Works, Inc. (PWW) will be requiring for the installation of fire protection service and the reasoning behind the new requirements.

PWW recently had new tariffs approved regarding the provision of fire protection service to residential homes and small commercial buildings that want to, or are required to, install life safety sprinklers. PWW filed and gained approval of the new tariff changes to ensure that:

1. Fire protection service can be provided at the lowest possible cost to its customers.
2. Service installations are uniform across the Company's service territory.
3. Services are installed in a manner that allows the Company to shut off domestic service or the fire service without impacting the other service.

Specifically, the new tariff:

1. Does not allow for the fire service to be tapped-off after the water meter. Using the same service line and meter to provide both domestic and fire flows creates a number of problems:
  - a. It requires a larger meter which does not register low domestic flows.
  - b. Industry standard water meters are not NFPA-approved.
  - c. The monthly fee for a larger meter is substantially more than the combined fees charged for a smaller meter for domestic use and for a small-diameter, non-metered fire service.
2. Establishes an appropriate rate for a small-diameter, non-metered fire service. The rate is based on the size of the fire service where it is tapped into either the water main in the street or on the water service from the street into the building.
3. Sets new standards for how fire service taps on the water service from the street to the building must be installed. Please see the enclosed design Detail D16. The service to the sprinkler system must have a separate shutoff located outside of the building structure. The single service from the street right-of-way must be capable of delivering the required domestic and fire protection flows to where the domestic service is separated from the fire service. The tariff changes do not change fire services that are tapped-off of the water main in the street; in those instances, the Company's existing design Detail F01 would apply instead of Detail D16. All fire services will be required to have a testable double check backflow preventer installed on the service inside the building foundation.

We believe these tariff changes and changes to our Technical Specifications and Standard Details will alleviate the problems noted above.

If you have any questions regarding the tariff changes or want to discuss the installation requirements, please contact me directly at 603-913-2330. I would be happy to meet with you or a designee of the Town to discuss the new tariff changes should you desire to meet.

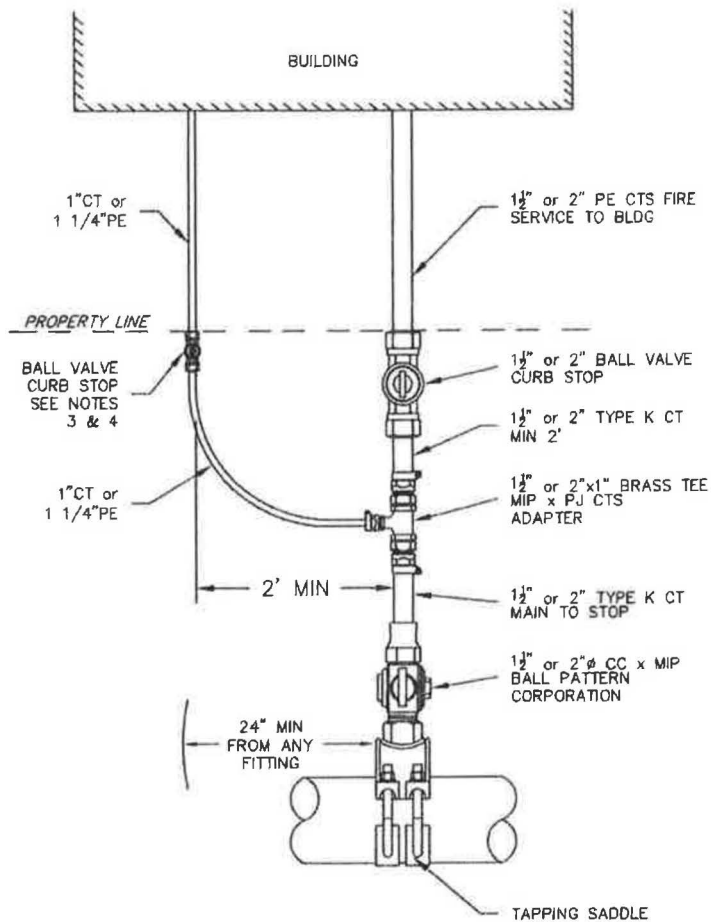
If you wish to review or refer others to our full Technical Specifications and Standard Details, they can be found at: <https://pennichuck.com/engineering/>. Our engineering department is reachable at (800) 553-5191.

Very truly yours,



Donald L. Ware  
Chief Operating Officer

Enclosure: Detail D16, Domestic Service Tapped Off Fire Service



**NOTES:**

1. ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO P.W.W. TECHNICAL SPECIFICATIONS.
2. ALL PIPE SHOULD HAVE A MINIMUM DEPTH OF 5' FROM TOP OF PIPE TO FINISH GRADE.
3. INSTALLATION DETAIL. SEE DETAIL D02 FOR 1 1/2" TO 2"
4. SEE DETAIL M01 FOR TYPICAL SERVICE UTILITY SEPARATION ENTRANCE.



DETAIL D16  
DOMESTIC SERVICE  
TAPPED OFF FIRE SERVICE  
 PENNICHUCK WATER WORKS, INC.  
 REV: 12-18 SCALE: NTS





25 MANCHESTER STREET  
MERRIMACK, NH 03054-1947

Mr. Dean Shankle, Jr.  
Town Administrator  
Amherst Town Hall  
2 Main Street, P.O. Box 960  
Amherst, NH 03031-0960

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