Please send any information you have relating to the following research request as soon as possible to Ronald Garrow (rong@ci.north-bend.wa.us), with a copy to me.

We anticipate that legislation requiring sprinkler systems in buildings will pass soon. As such we are wanting to know other water purveyor handle the combination of domestic flow with standby fire flow services. Do you know where I could find what other purveyors are doing for:

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2) Any one-time or monthly charges assess for standby fire flow to recover the investment of installing the fire flow meter?
3) Maintenance on meters for fire flow? (Annual? Replacement schedule?)
4) If you charge a Capital Facility Charge, what is it based on if you use a combined meter or two separate meters?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
**Municipal Research and Services Center**
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
www.mrsc.org
John, the WWUC has done a lot of research on this topic. Last year a white paper was written with options and descriptions on what various agencies do. The best contact is Nancy Davidson, District Engineer, Alderwood Water and Sewer District. She was chair of the WWUC last year. Randy Black from Lakewood is chair this year; Clair Oliver did the white paper, and he has his own business now.

Gwenn Maxfield
General Manager
253-867-0900

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**Covington Water District**
18631 S.E. 300th Place
Covington, WA, 98042
www.CovingtonWater.com

VISION OF TOMORROW | ACTION TODAY
This e-mail and replies are considered public documents and are subject to public disclosure.
Please let the addressee know if you have received this email in error.
This email message has been swept for computer viruses.
Thanks John. I have now e-mailed her about the paper.
Ron

FYI

Nancy L. Davidson PE (ndavidson@alderwoodwater.com)
(425) 743-4605

John, the WWUC has done a lot of research on this topic. Last year a white paper was written with options and descriptions on what various agencies do. The best contact is Nancy Davidson, District Engineer, Alderwood Water and Sewer District. She was chair of the WWUC last year. Randy Black from Lakewood is chair this year; Clair Oliver did the white paper, and he has his own business now.

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VISION OF TOMORROW | ACTION TODAY

This e-mail and replies are considered public documents and are subject to public disclosure. Please let the addressee know if you have received this email in error. This email message has been swept for computer viruses.
I am basing my response on new requirements for "residential" fire services as there are already requirements for other buildings.

See below

Dave Brown

------ Forwarded Message
From: John Carpita <jcarpita@mrcs.org>
Date: Tue, 8 Sep 2009 07:28:59 -0700
Conversation: Standby Fire Flow Services
Subject: Standby Fire Flow Services

Please send any information you have relating to the following research request as soon as possible to Ronald Garrow (rong@ci.north-bend.wa.us), with a copy to me.

We anticipate that legislation requiring sprinkler systems in buildings will pass soon. As such we are wanting to know other water purveyor handle the combination of domestic flow with standby fire flow services. Do you know where I could find what other purveyors are doing for:

1) Physical connections for both services (Combined into one connection and one meter? Combined for residential Combined connection at main but separate meters? NO Separate connections at the main and separate meters?) separate connections for commercial but fire not metered (however we have some combined systems on commercial with both metered, we phase these out when possible and do not allow new combined systems on commercial)

2) Any one-time or monthly charges assess for standby fire flow to recover the investment of installing the fire flow meter? by-monthly charge for fire service applies for both residential and commercial. One time charge for installation (materials, surface restorations and labor)

3) Maintenance on meters for fire flow? (Annual? Replacement schedule?) calibration on schedule recommended by meter manufacture

4) If you charge a Capital Facility Charge, what is it based on if you use a combined meter or two separate meters? Connection charge based on meter size when combined for residential, no commercial combined systems

As an additional note: when residential system become mandatory we will only allow flow-through systems so there is not a backflow issue.

Please call or email me if you have any questions or need further information.
John W. Carpita, P.E.
Public Works Consultant
Mr. Carpita:

I received the request for information on standby fire flow issues.

I want to be sure that I understand the context of your questions.

Is the reference to legislation requiring sprinkler systems in buildings in reference to the proposal for fire sprinkler systems in all new single-family homes? or does it refer to a separate issue?

Pls. advise.

Thank you.

Dave Salzer, Assistant Fire Chief
Mason County FD5
Shelton Division
110 West Franklin
Shelton, WA 98584
360-432-5170
dsalzer@ci.shelton.wa.us
From: Rich Tyhuis [rtyhuis@oakharbor.org]
Sent: Wednesday, September 09, 2009 11:38 AM
To: rong@ci.north-bend.wa.us
Cc: John Carpita
Subject: fire sprinkler questions
Attachments: We anticipate that legislation requiring sprinkler systems in buildings will pass soon.doc
John,

Ron should be referred to the WWUC group (Washington Water Utility Council). They have done extensive work on the fire sprinkler issue brewing because of the upcoming building code revisions.

Pete Rogalsky, P.E.
Public Works Director
City of Richland
P.O. Box 190, MS #26
505 Swift Blvd.
Richland, WA 99352
(509) 942-7558
(509) 942-7468 - fax
progalsky@ci.richland.wa.us

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
www.mrsc.org
In the city of Everett we have a closed system, which has a backflow device and its own fire flow meter, and a combined system, which has the domestic and fire service are on one meter.

Monthly charge for a closed system with its own meter, 2" $6.50 - 3" $9.00 - 4" $11.50 - 6" $16.75 - 8" $22.00 - 10" $27.00 - 12" $32.00.

A combined service pays their regular water bill with no added charge.

We do not have a Capital Facility Charge.

Myron Tollefson
Utility Services
At the City of Airway heights we have not had a request for residential fire flow, as of yet. I have searched on the internet for flow, backflow and other impacts to the our water system. I would be very interested on what you find.

Thank you

*Bryan St Clair*
Public Works Director
City of Airway Heights
(509) 244-5429
(509) 244-4317 Fax
John Carpita

From: Glen Baker [gbaker@cityofmilton.net]
Sent: Friday, September 25, 2009 3:17 PM
To: rong@ci.north-bend.wa.us
Cc: John Carpita; Sally Bigler; Letticia Neal
Subject: Standby Fire Flow Services

Gentlemen;

Please see below for the City of Milton’s responses (in red) to your inquiries.

Feel free to call or email me if you have any questions or need further information.

Glen Baker
Utility Supervisor
City of Milton
253-517-2736
253-517-2709 fax

__________________________________________________________________________________________________

From: Letticia Neal
Sent: Tuesday, September 08, 2009 10:52 AM
To: Sally Bigler
Subject: FW: Standby Fire Flow Services
Importance: High

Please work with Glen to put together answers to this research request.

Letticia Neal, P.E.
Public Works Director / City Engineer
City of Milton

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Tuesday, September 08, 2009 7:29 AM
Subject: Standby Fire Flow Services
Importance: High

Please send any information you have relating to the following research request as soon as possible to Ronald Garrow (rong@ci.north-bend.wa.us), with a copy to me.

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1) Physical connections for both services (Combined into one connection and one meter? Combined connection at main but separate meters? Separate connections at the main and separate meters?)
The City of Milton is currently utilizing the practice of separate connections at the main and separate meters.

2) Any one-time or monthly charges assess for standby fire flow to recover the investment of installing the fire flow meter?
   The City of Milton currently charges Permit fee, connection fees, nominal monthly ready to serve fee and charge for any commonly usage.

3) Maintenance on meters for fire flow? (Annual? Replacement schedule?)
   As required. Not set schedule..

4) If you charge a Capital Facility Charge, what is it based on if you use a combined meter or two separate meters?
   The City of Milton System Development Charges aka. Capital Facility Charge are attached to the domestic water connections, with no SCD fees on the fire service connections.

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
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