

From: Davis, Debi (City) [mailto:Debi.Davis@cityofvancouver.us]
Sent: Monday, May 20, 2013 10:02 AM
To: Shafar, Dan
Subject: RE: Port of Vancouver - Fire Flow & Water System Maps

Dan,
Attached maps show the existing water in the northwest corner and east of Farwest.

Debi Davis
Senior Engineering Tech
Water System Planning & Design
Engineering Services
360-487-7173
debi.davis@cityofvancouver.us

From: Shafar, Dan [mailto:Dan.Shafar@abam.com]
Sent: Monday, May 20, 2013 9:28 AM
To: Davis, Debi (City)
Cc: Lawry, Chad; Huxley, Matt
Subject: RE: Port of Vancouver - Fire Flow & Water System Maps

Debi,

At this time we are only trying to obtain mapping information and capacity of the existing municipal water system to deliver flow to the sites. We are not trying to obtain required fire flows based upon proposed land use.

To Chad's point, we fully expect that a 3rd party consultant will be brought in to conduct a portion of the development application review, and whether we are providing sufficient fire protection systems, or if off-site improvements are necessary to provide additional fire flows to the site.

Thanks,

-Dan

Dan Shafar, PE
Senior Engineer 4
Voice 503-872-4084
Fax 503-872-4101
Email dan.shafar@abam.com

BergerABAM
700 Northeast Multnomah Street, Suite 900
Portland, Oregon 97232-4189
<http://www.abam.com>

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From: Lawry, Chad [<mailto:Chad.Lawry@cityofvancouver.us>]
Sent: Monday, May 20, 2013 9:14 AM
To: Davis, Debi (City); Shafar, Dan
Subject: RE: Port of Vancouver - Fire Flow & Water System Maps

Typically for flammable/combustible liquid tank farms we ask for a 3rd party consultant who specializes in fire protection in this category. They will specify the water supply and placement of fire protection equipment. There are too many unanswered questions to postulate what the minimum flow requirements will be at this point but between the Port water and City water I don't see any supply issues that couldn't be addressed.

For Port of Vancouver supplied water system design and testing information your contact is Dave Shimer dshimer@portvanusa.com (360) 693-3611; (503) 289-8824; (360) 993-8644; Cell (360) 518-2564 I know he has a hand drawn map and I believe they have not moved into the digital age yet in that regard.

I am attaching some recent Port flow test data.
I hope it helps,

Chad Lawry | Deputy Fire Marshal



CITY OF VANCOUVER
Fire Department - Office of the Fire Marshal
P.O. Box 1995 • Vancouver, WA 98668-1995

P: 360.487.7237 | F: 360.487.7237 (after message) | WA Relay: 711

From: Davis, Debi (City)
Sent: Monday, May 20, 2013 8:59 AM
To: 'Shafar, Dan'
Cc: Lawry, Chad
Subject: RE: Port of Vancouver - Fire Flow & Water System Maps

Chad,
Could you look over the submittal. Looks like the boiler and the tank farm area will require some fire protection.
I am reluctant to answer water requirements until you give us an idea of what may be required.
Thanks

Site descriptions:

1. Large parcel east of Farwest Steel – Petroleum Tank Farm
2. Ship loading facility (no unloading)
3. Train unloading facility

4. Furthest west parcel offices and boiler plant

Debi Davis
Senior Engineering Tech
Water System Planning & Design
Engineering Services
360-487-7173
debi.davis@cityofvancouver.us

From: Shafar, Dan [<mailto:Dan.Shafar@abam.com>]
Sent: Monday, May 20, 2013 8:13 AM
To: Davis, Debi (City)
Subject: Port of Vancouver - Fire Flow & Water System Maps

Debi,

We are preparing a Pre-application submittal for a proposed Tenant at the Port of Vancouver. Currently they have 4 different Port sites that would be utilized for their operations. I have attached a PDF with the four activity areas highlighted. We would greatly appreciate any water system information you can provide including mapping, pipe diameter and material, hydrant locations, and hydrant flow tests including dates of the hydrant tests.

Additionally, if possible, it would be most advantageous to have not only detailed information around the four sites, but also a general map covering this entire area as well.

Thank you so much.

-Dan

Dan Shafar, PE
Senior Engineer 4
Voice 503-872-4084
Fax 503-872-4101
Email dan.shafar@abam.com

BergerABAM
700 Northeast Multnomah Street, Suite 900
Portland, Oregon 97232-4189
<http://www.abam.com>

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