

Hi Wayne:

Our consultant reported that the length of the pipe may be shorter than 3,000 feet, but that they rounded the length up to account for hydrant branches, pipe stubs at intersections, and possibly connecting to the end of the Cumberland line (its unknown at this point exactly where it will terminate).

They acknowledged that the budget is likely higher than need be at this point but they wanted to be conservative until a survey could get done and understood if PWD had specific requirements on the ground. Quantifying the amount of blasting with borings, may make this estimate go down. But sometimes ledge is removed by chipping, because the houses are so close, which can drive the cost up substantially.

In summary: The estimate is conservative and might go down if a detailed design were prepared.

Thank you. Theo

Theo H.B.M. Holtwijk  
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**From:** Wayne Newland [<mailto:wnewland@maine.rr.com>]  
**Sent:** Tuesday, August 02, 2016 7:12 PM  
**To:** Nathan Poore  
**Cc:** Clopper Terry; Clopper Terry C; Kumiszczka Joe; Theo Holtwijk  
**Subject:** Re: 2016.07.06 Water Study Public Meeting

Theo, Nathan:

Am interested especially in two of the items on Theo's list of unresolved questions compiled at the end of our discussion on July 25:

1. What is the accurate length of the considered water main extension from Dear Run Rd. to the Cumberland line? I have, more than once, clocked the distance from Johnson Rd. to our house (#417) to be almost exactly .5 mile. Today I did it again, and between the town line and Deer Run Rd. Found the latter to be .4 mile – approximately 2100 linear feet. A big difference from the Report's 3000 feet.

2. Why is the Report's estimate of \$750,000 (\$250 per linear foot) so high, especially since the roadbed would be open during the reconstruction? Can the consultants please be requested to provide an itemization of this estimate? Have you inquired of Cumberland as to what is the per-foot estimate of their proposed southward extension?

Thanks very much. I appreciate your consideration and concern on this matter.

Respectfully, win

**From:** [Nathan Poore](#)  
**Sent:** Tuesday, July 19, 2016 5:57 PM  
**To:** 'Wayne Newland'  
**Cc:** [Clopper Terry](#) ; [Clopper Terry C](#) ; [Kumiszczka Joe](#) ; [Theo Holtwijk](#)  
**Subject:** RE: 2016.07.06 Water Study Public Meeting

Hi Wayne,

I have offered a response below each of your questions.

Best regards,

Nathan

**From:** Wayne Newland [<mailto:wnewland@maine.rr.com>]  
**Sent:** Tuesday, July 19, 2016 3:16 PM  
**To:** Nathan Poore  
**Cc:** Clopper Terry; Clopper Terry C; Kumiszczka Joe; Theo Holtwijk  
**Subject:** Re: 2016.07.06 Water Study Public Meeting

Nathan: Monday @ 11:00 am would work well for me. I don't know if Terry and Joe wish to come but will ask them.

I'll be interested in your answers to at least these questions:

- Wouldn't the Water District be responsible for some costs of extension? Can it be represented at our meeting?

PWD has no responsibility or requirement to pay for extensions. These are typically paid for by its customers. PWD's Gordon Johnson is out for next two weeks and cannot be at the meeting.

- What are the cost breakdowns for extending the water main to the town line?

The cost without pressurization would be \$750K. With pressurization the cost would be \$1.25M.

- How much will it cost after 2017 to tear up the newly reconstructed road to extend the service to the town line?

We have not estimated that type of construction cost. It wouldn't be a consideration for at least five years. So, the decision must be made now if a water line is to be installed in the short term.

- Am I correct in remembering from the report that merely extending the service to the town line would include sufficient pressure to service residences along Middle

Rd., but that boosting would be necessary for new developments away from Middle Rd? If so, shouldn't developers pay the cost of such boosting?

With exception of maybe 1 or 2 parcels right at Cumberland line, there should be enough pressure with Middle Road extension. Its possible to serve the last couple of parcels would require the additional \$500K expense for boosted pressure. Also, the rear portion of the vacant land in the area would need boosted pressure, which would come at developer expense (if it is ever developed).

- If the water main is not continued to connect with the new extension that Cumberland plans down to its town line, what liability – legally and/or morally – does Falmouth bear in the event of a woods or house fire, when the perfect opportunity exists to incorporate such an extension into the road reconstruction in 2017?

Falmouth relies heavily on Fire apparatus that carry water and can relay water from nearest public water hydrants or dry hydrants (ponds and other natural water bodies with a dry hydrant). Most of the geographic area of our town does not include public water hydrants. There would be no liability associated with fire protection.

- What is Cumberland's reaction to your decision to not recommend extension up to the town line?

The Cumberland Town Manager is aware of our recommendation and understands the reasonableness of the recommendation based on the cost. He is not concerned with looping if the Portland Water District has not raised any concerns that there is a need in this area.

- What grants have you considered applying for to assist with a water main extension and/or hook-up subsidies?

The Town talked with Michael Jenkins of USDA in Scarborough about its water program - <http://www.rd.usda.gov/programs-services/water-waste-disposal-loan-grant-program/me>. Falmouth is not eligible as it has over 10,000 population. If the Town was less than 10,000, then a loan to the water district (but not directly to homeowners) for the extension of the main may be an option (but not a grant). Hook-up service connections are ineligible expenses.

I look forward to seeing you on Monday at 11:00. Thanks, Nathan. win  
Yes 11:00 AM works for me. Looking forward to seeing you too.

**From:** [Nathan Poore](#)  
**Sent:** Tuesday, July 19, 2016 10:50 AM  
**To:** 'Wayne Newland'  
**Cc:** [Clopper Terry](#) ; [Clopper Terry C](#) ; [Kumiszczka Joe](#) ; [Theo Holtwijk](#)  
**Subject:** RE: 2016.07.06 Water Study Public Meeting

Hi Wayne,

I could meet most anytime after 9:00 AM next Monday. Yes, staff is recommending against the extension based on cost relative to the number of people served. I think we do need to have a continued conversation with you and your neighbors to learn more about the specific issues with your wells and perhaps consult with an expert to help determine what other options are available to address these specific issues. I would fully support the use of town staff to work on an analysis of the hydrogeology. I believe it will take an expert with experience in hydrogeology or geohydrology to assist with this situation. I am not sure if the Council would support a financial contribution toward an analysis of the options if the objective is to find solutions for private property. But, they could certainly be asked the question.

Please let me know what time Monday could work best for you.

Best regards,

Nathan

**From:** Wayne Newland [<mailto:wnewland@maine.rr.com>]  
**Sent:** Tuesday, July 19, 2016 10:36 AM  
**To:** Nathan Poore  
**Cc:** Clopper Terry; Clopper Terry C; Kumiszczka Joe; Theo Holtwijk  
**Subject:** Re: 2016.07.06 Water Study Public Meeting

Thanks, Nathan. What time next Monday could you be available?

According to the Forecaster, you are recommending AGAINST including extension of water to the Cumberland line within the reconstruction of Middle Rd. Did I misread or Is that correct?

Thanks again. Wayne

**From:** [Nathan Poore](#)  
**Sent:** Tuesday, July 19, 2016 10:14 AM  
**To:** '[Wayne Newland](#)'  
**Cc:** [Clopper Terry](#) ; [Clopper Terry C](#) ; [Kumiszczka Joe](#) ; [Theo Holtwijk](#)  
**Subject:** RE: 2016.07.06 Water Study Public Meeting

Hi Wayne,

The Council will review the water line report at its meeting next Monday evening. You mentioned that you would contact me for a meeting. My schedule is full the rest of this week but I could meet during the day next Monday if that could work for you.

Thanks,

Nathan

**From:** Wayne Newland [<mailto:wnewland@maine.rr.com>]  
**Sent:** Thursday, July 07, 2016 9:59 AM  
**To:** Nathan Poore  
**Cc:** Clopper Terry; Clopper Terry C; Kumiszczka Joe  
**Subject:** Re: 2016.07.06 Water Study Public Meeting

Nathan: Thank you for the notice of last night's meeting. I have been away for the past couple of weeks and just got to my back e-mail this morning, thus unaware of the meeting.

No doubt my neighbors and I would like to meet with you and Theo after we review the report. Will contact you.

Thanks again. win

**From:** [Nathan Poore](#)  
**Sent:** Tuesday, June 28, 2016 8:14 PM  
**To:** 'Wayne Newland'  
**Cc:** [Theo Holtwijk](#)  
**Subject:** FW: 2016.07.06 Water Study Public Meeting

Good evening Wayne,

We have completed a draft of the public water utility analysis. FMI, see below. There will be a public input meeting on July 6. If you cant make it and want to offer input, feel free to send me an email or suggest a meeting date. Theo and I are happy to meet with you and your neighbors.

Take care,

Nathan

**From:** Falmouth ME [<mailto:vtsdmailer@vt-s.net>]  
**Sent:** Tuesday, June 28, 2016 3:56 PM  
**To:** Nathan Poore  
**Subject:** 2016.07.06 Water Study Public Meeting

The Town has scheduled a public presentation and opportunity for public comment to review the draft findings of the Falmouth Water Study. This meeting will be held on Wednesday July 6, 2016 at 6:00 PM in the Town Council Chambers, Town Hall, 271 Falmouth Road.

The study, which was conducted by Wright-Pierce with cooperation from the Portland Water District, focused on assessing limitations and investigating opportunities in providing public water service to the Town's growth area. The draft findings show that only three areas in the Growth Area remain where service is currently not provided. The study identifies the infrastructure needs for those areas.

Following the July 6 public comments, this study will be finalized and is expected to be presented to the Town Council at its July 25 meeting.

For more information, please go to the draft report at [http://www.falmouthme.org/sites/falmouthme/files/uploads/public\\_water\\_system\\_analysis\\_revised\\_june\\_24.pdf](http://www.falmouthme.org/sites/falmouthme/files/uploads/public_water_system_analysis_revised_june_24.pdf) or contact Theo Holtwijk at 699-5340 or [tholtwijk@falmouthme.org](mailto:tholtwijk@falmouthme.org).

Read more: <http://www.falmouthme.org/node/39303>

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