



Bayview Water &amp; Sewer District &lt;bwsd637@gmail.com&gt;

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**FW: Inquiry**

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**Faye & Ted Bare** <bareted@live.com>  
To: "Bayview, Sewer" <bwsd637@gmail.com>

Mon, Feb 3, 2020 at 9:23 AM

Jessie, Here is the communications between Sheryl and Katie. Twd

Sent from [Mail](#) for Windows 10

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**From:** [Katy.Baker-Casile@deq.idaho.gov](mailto:Katy.Baker-Casile@deq.idaho.gov)  
**Sent:** Friday, January 31, 2020 5:38 PM  
**To:** [sherylpp@gmail.com](mailto:sherylpp@gmail.com)  
**Cc:** [bullseyenid@yahoo.com](mailto:bullseyenid@yahoo.com); [livlafluv6717@gmail.com](mailto:livlafluv6717@gmail.com); [larry.m.leake@hotmail.com](mailto:larry.m.leake@hotmail.com); [bareted@live.com](mailto:bareted@live.com); [Bob@integritywater.net](mailto:Bob@integritywater.net); [sjames@jub.com](mailto:sjames@jub.com); [chorgan@jub.com](mailto:chorgan@jub.com); [Katy.Baker-Casile@deq.idaho.gov](mailto:Katy.Baker-Casile@deq.idaho.gov)  
**Subject:** RE: Inquiry

Hi Sheryl,

The Bayview Board is tasked with ensuring the Drinking Water (DW) system is capable of serving safe and reliable drinking water now and in the future. To ensure this requirement is met, the Board hired JUB to create a plan for system repairs and upgrades. The Facility Plan and Capital Improvement Plan are the result of those efforts.

DEQ is tasked with oversight of public DW and WW systems. Our job is to ensure that systems are meeting the minimum requirements of the DEQ rules. To help us do that, DEQ performs Sanitary Surveys of DW systems. For Bayview those Sanitary Surveys are done every 3 years. The most recent one was performed last spring. A number of deficiencies were identified during that Survey. When deficiencies are found during a survey, the DW system is required to tell DEQ how they plan to correct those deficiencies by submitting a Plan of Correction (POC). The POC included passing a bond to fund the major repairs that are necessary to allow the District to continue to serve safe and reliable DW.

If the deficiencies are not corrected in a timely manner, DEQ will seek to assist the District in achieving compliance by negotiating a Compliance Agreement Schedule (CAS). The CAS will describe the required improvements and the timeline for achieving them. If the terms of the CAS are not met, DEQ has the authority to impose monetary fines

against the District and/or disapprove the DW system until the CAS terms are met. There are many ramifications beyond the possible health effects of having a system disapproved, including but not limited to lending institutions being unwilling to fund home sales for homes with a disapproved DW system.

So we are clear, the following system deficiencies still need to be addressed:

1. Recent studies reported in the 2018 Draft Facility Plan indicate a high probability of significant leakage within the aging 10-inch transmission main between the wells, the Farragut tank and town. This is evaluated as significant deficiency, per IDAPA 58.01.08.542.10.
2. The wells are not equipped with flow to waste and require correction at the time of next material modification. A material modification is defined as: *Those modifications of an existing public water system that are intended to increase system capacity or alter the methods or processes employed. Any project that adds source water to a system, increases the pumping capacity of a system, increases the potential population served by the system or the number of service connections within the system, adds new or alters existing drinking water system components, or affects the water demand of the system is considered to be increasing system capacity or altering the methods or processes employed. Maintenance and repair performed on the system and the replacement of valves, pumps, or other similar items with new items of the same size and type are not considered a material modification.* (IDAPA 58.01.08.003.72)
3. Inadequate pressure (static pressures less than 20 psi) within the Dromore distribution zone are evaluated as a deficiency requiring correction. Pressures in distribution mains must be over 40 psi during peak demands. (Think 4<sup>th</sup> of July weekend, when everyone is using water.)
4. The lack of adequate fire flow to the Dromore distribution zone requires corrective action.
5. Failure of the Farragut tank coating and internal supports as well as the numerous cracks and leaks require corrective actions.
6. The Torpedo casings currently installed on the well discharge lines must be removed. They do not meet the minimum drinking water standards and they do not perform the function they were intended to perform.
7. Much of the distribution system is past its useful life and needs to be replaced in a timely manner. Addressing the leakiest mains first and then creating a long term plan for the remaining mains is the an acceptable method.

The Facility Plan discusses methods to address all these deficiencies. The Drinking Water Rules (IDAPA 58.01.08) are the minimum standards that DW systems must meet. The improvements recommended in Option A or Option E of the facility plan will bring the District into compliance with these minimum standards. The District is welcome to pursue improvements that would surpass these standards, but the minimum requirements must be met.

You asked me what BWSO needs to do and the answer is: the community needs to authorize the Board to make these critical repairs to the system. Typical methods of authorization are passing a Bond or creating a Local Improvement District (LID) to fund the necessary projects.

Please let me know if any of this needs further clarification.

Thank you,

Katy

**Katy R. Baker-Casile, P.E. | Senior Drinking Water Engineer**  
Idaho Department of Environmental Quality



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*Our mission is to protect human health and the quality of Idaho's air, land, and water.*

**From:** Sheryl Puckett [mailto:[sherylpp@gmail.com](mailto:sherylpp@gmail.com)]  
**Sent:** Wednesday, January 22, 2020 2:55 PM  
**To:** Katy Baker-Casile  
**Subject:** Re: Inquiry

Great, thank you so much!

Sheryl

On Wed, Jan 22, 2020 at 5:37 PM <[Katy.Baker-Casile@deq.idaho.gov](mailto:Katy.Baker-Casile@deq.idaho.gov)> wrote:

Hi Sheryl,

Thank you for the questions. I am preparing a response and double checking all the information I have. I will get a thorough answer to you ASAP.

Thank you,

Katy



**Katy R. Baker-Casile, P.E. | Senior Drinking Water Engineer**  
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*Our mission is to protect human health and the quality of Idaho's air, land, and water.*

**From:** Sheryl Puckett [mailto:[sherylpp@gmail.com](mailto:sherylpp@gmail.com)]  
**Sent:** Wednesday, January 22, 2020 7:42 AM  
**To:** Katy Baker-Casile  
**Subject:** Inquiry

Hello Katey,

As you know I try to keep my readers informed. I publish a Bayview monthly newsletter called Shore Lines and try to rely on firsthand sources to get the story right. Here is a link to all my newsletter editions: [http://www.bayviewcommunitycouncil.org/Shore\\_Lines.html](http://www.bayviewcommunitycouncil.org/Shore_Lines.html)

I hope you'll see I try to remain objective.

It's my understanding that the BWSD problems have led to a situation where under threat of violations for water quality standards.

Can you please explain this to me? Exactly what BWSD needs to do and what liabilities we face?

Thanks for you time.

Sheryl Puckett