

From: [Smith, Jesse](#)
To: [Cheesman, Melissa \(UTC\)](#); [Ward, Jim \(UTC\)](#)
Cc: [Mike McCarthy \(Mike.Mccarthy@AlaskaAir.com\)](mailto:Mike.Mccarthy@AlaskaAir.com)
Subject: Compliance Status - Columbia View 1,2 & 3 Water Systems. WFI ID#s 08263, 07762, 08265
Date: Thursday, July 16, 2015 11:11:11 AM

Hi Melissa and Jim, this email is to give a compliance status update regarding Columbia View 1,2 & 3 Group B public water systems as it pertains to WAC 246-291. The systems are currently in compliance with water quality and water quantity requirements in the group B regulation and our local ordinance. They are current with the annual permitting that Cowlitz County requires for group b systems.

The water systems have some issues leftover from the previous owner but nothing that currently requires any immediate correction. The main issue currently is one of the water mains to 2 houses is above ground. However this is due to land movement in the area that led to broken pipes that were buried and this office is allowing time to make sure land movement is stabilized prior to reburying provided no issues occur with the above ground pipe (freezing, breaking, damaged from vehicles, etc). There are other concerns but not necessarily compliance issues with the land movement effecting other parts of the system and general concern of quality of installation of piping from original developer. (Mostly based on speculation due to previous water line breaks and knowledge of developer).

Our office doesn't have any concerns as it relates to Mr. McCarthy's petition.

Let me know if you need anything else or have any questions.

Jesse Smith, RS
Environmental Health Specialist III Lead
Cowlitz County Health Department
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From: Mike McCarthy [mailto:Mike.Mccarthy@alaskaair.com]
Sent: Monday, July 06, 2015 2:19 PM
To: Smith, Jesse; Steven King

Cc: Cheesman, Melissa (UTC); White, Amy (UTC); Kermode, Danny (UTC); Ward, Jim (UTC)

Subject: RE: Columbia View Estates Water System - Testing

Jesse,

Thanks for your reply. I'm not sure why the UTC requires a letter from you. I've copied Steven King in this email. I'll also forward this email to Steve and Beth, and Bob Blewitt in regards to their water system once the repairs are made. I'll give CJ a call this afternoon. He's the one doing the repairs.

As for a fire hydrant, I'm thinking more in line with a just a dedicated water source the department could tap into in the event of... Not a true fire hydrant but another source the department could use. Currently there's no hook up for them at all and I believe they'll be depending on the existing ponds and whatever trucks they bring.

As soon as the pump is replaced, I'll run a sample through Addy Labs and get you a copy.

Thanks again,

Mike

From: Smith, Jesse [<mailto:SmithJ@co.cowlitz.wa.us>]

Sent: Monday, July 06, 2015 2:05 PM

To: Mike McCarthy

Cc: Cheesman, Melissa (UTC); White, Amy (UTC); Kermode, Danny (UTC); Ward, Jim (UTC)

Subject: RE: Columbia View Estates Water System - Testing

Hi Mike, I am unsure if I will be able to meet this week to walk the water system with you as we are interviewing people for an open position and my week is pretty full. I should be able to let you know Wednesday afternoon or Thursday morning if I can meet with you Thursday afternoon. Do you know why the UTC needs a letter from the health department for your petition?

Also, I had a couple of comments regarding the more recent email you sent. The people on the system with the pump out should be advised to not drink the water due to potential bacteria intrusion that may have occurred during the water outage. This should be kept in place until a clean bacteria sample is collected. Prior to collecting the sample the water system will need to be chlorinated and flushed.

You commented about adding a fire hydrant. Please note the system as constructed is unlikely to be able to come close to providing fire flow. A hydrant that meets fire flow will likely need much more storage than the systems can provide and it would be recommended to separate the fire flow from the potable water system because of the size of tanks usually used.

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From: Mike McCarthy [<mailto:Mike.Mccarthy@alaskaair.com>]
Sent: Saturday, July 04, 2015 1:58 PM
To: Smith, Jesse
Cc: Cheesman, Melissa (UTC); White, Amy (UTC); Kermode, Danny (UTC); Ward, Jim (UTC)
Subject: Columbia View Estates Water System - Testing

Jesse,

Please see the attached annual analysis of all three wells. I had the wells tested for nitrate, coliform and arsenic. I believe this satisfies the annual requirement.

According to the BSK Labs all three wells exceed the MCL for arsenic, however, they are within the limits of the Group B system. I have sent out the required letter informing all of our residents about the MCL levels. I've also provided them with copies of the lab results for their own records.

With the exception of one pump burning out after all these years, the system has been well maintained without any additional maintenance.

If you have an opportunity, I would like to walk through the system with you next week.

Thursday, early afternoon works best for me. Please be advised, I'm submitting a petition to the UTC to de-regulate all three wells and will need a letter from you stating that the systems are in compliance for continued operations of our water system.

Please let me know if there's anything else you require from me.

Thank you

Mike McCarthy

Columbia View Estates Water System
(360) 904-9490