
From: Claudia Ellsworth <CEllsworth@harbornet.com>
Sent: Monday, April 30, 2012 11:42 AM
To: Claudia Ellsworth
Subject: Further Explanation of Water Advisory

Importance: High

[Washington Water has provided us with the attached notice for distribution to Members. Please note that one follow-up samples are collected and tested, HMC will receive follow-up test results. This will take a few days. Feel free to contact the HMC Office at any time. Expect that you may taste a little chlorine in your water during the next 24-48 hours.](#)

[Thank you.](#)

[Claudia Ellsworth](#)
[Island Manager](#)

HMC Management Water System
State ID No. 325505

Monday, April 30, 2012

WATER SYSTEM CHLORINATION ADVISORY

As Follow-Up to Confirmed Presence of Non-Fecal Coliform Bacteria in the Water System

The HMC Management Water System (State ID No. 325505), located in Pierce County, is owned by HMC Management (Herron Island) and operated by Washington Water Service Company (WWSC).

At 8 AM today, WWSC learned from its contract laboratory that non-fecal total coliform bacteria were present in three investigative bacteriological samples collected on Thursday, April 26, 2012. These samples were collected within the distribution mains in areas where two different water line breaks were reported to have occurred within the prior week – a 2” main break on E. Herron and a service line break on E. Madrona. WWSC was not informed of these water line breaks at the time they occurred, so was not involved in any repair that may have occurred. As the system’s certified operator, WWSC is to be informed immediately of line breaks and any other interruption in service that can potentially result in the introduction of environmental bacteria into the water system. Once WWSC received word of the breaks, the above-mentioned investigative bacteriological samples were collected as a precaution to assess the sanitary condition of the system.

As NO FECAL COLIFORM BACTERIA WERE PRESENT (including *E. coli* bacteria) in any of these samples, you do not need to boil your water. YOUR WATER IS SAFE TO DRINK.

Coliform bacteria are naturally present in the environment, harmless to the general population, and are used as an indicator that other potentially-harmful bacteria *may* be present. Their presence is a warning of potential problems because pathogens (organisms which can cause disease) may also enter the system via the same route as the coliform bacteria. The presence of coliform bacteria usually means that soil or vegetation has entered the system. Any/all samples that show the presence of coliforms are further tested to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, were present. As stated above, none of these bacteria were detected. You do not need to boil your water.

Therefore, today, WWSC crews are on site adding chlorine to the system’s storage reservoir and then will flush this chlorinated water out into and through the distribution mains to rid the system of coliform bacteria. Once

flushing is complete and chlorine is confirmed absent from the system, follow-up bacteriological samples will be collected from multiple locations and taken to WWSC's contract lab for testing to confirm that the coliforms are absent. Test results are available within 24-28 hours. HMC Management will be kept informed of the results so that customers are also kept informed.

For more information, please contact Carol Schlender at Washington Water Service Company. Carol can be reached at 1-877-408-4060.

From: Claudia Ellsworth <CEllsworth@harbornet.com>
Sent: Monday, April 30, 2012 9:52 AM
To: Claudia Ellsworth
Subject: IMPORTANT WATER NOTICE!

Importance: High

Two water lines breaks (not associated with water system construction activity) were detected last week, and Washington Water Service conducted coliform tests on Friday. This morning (Monday), WWSC received notice from the lab that coliform bacteria were confirmed present in the three investigative samples taken. As no fecal coliform or E. coli bacteria were present in any of these samples, it is not necessary to boil your water = your water is safe to drink. Washington Water is crafting a notice to customers with more detailed information regarding coliform bacteria and what is being done to rid the system of them (chlorine is being added to the storage reservoir today and will be flushed out into the distribution mains). Once we receive the notice from them, we will email it and post it. I just wanted to give you an early heads-up on this.

Claudia Ellsworth
Island Manager

From: HMC Office <office@herronisland.org>
Sent: Thursday, April 26, 2012 12:31 PM
To: email@herronisland.org
Subject: FW: Water Line Construction News Week ending April 27.doc

Water Line Construction News Week ending April 27:

The contractor has continued making progress installing waterline and has reached the south end of the first loop. Poor weather has slowed progress and there have been issues with compaction because of the rain. The contractor was mindful that this could be a problem and spent last Friday attempting to reinforce driveways for the weekend rather than installing new line. The gravel gets sucked into the mud quickly.

Unfortunately, some driveways were less than ideal. The contractor will be proceeding a little more carefully; however, even the best planning and intentions can be swamped by heavy rain. If you are unable to get out of your driveway safely, or get stuck attempting to do so, please contact the Island Manager, Claudia Ellsworth, at hmcmanager@herronisland.org (monitored 24/7).

Even with the contractor being more cautious, it is important for everyone to remember that the island is an active construction zone. Parts of the roadway will be soft, there may be holes in the ground that cannot be closed until critical components dry, and there will often be a crew somewhere on the island that may impede your path.

Please make sure to be aware of the road condition, and mindful of the surface when driving on the island in the coming weeks. Hopefully spring will bring more dry weather and the compaction will become less of an issue, but for the short term expect questionable areas in the road and avoid them wherever possible. After compaction on a dry day, these areas heal up much better and should be in good condition thereafter. Unfortunately, we are in Washington, and a good deal of time may pass before we get that dry day!

A large map of the entire island showing construction phases will be soon be posted at the top of Ferry Hill. Please take a minute to look at this map and make sure that we have correctly marked the service address where you desire service, or come in to the office to confirm. We do not want to have to come back and dig up the brand new line because we missed someone.

Water line breaks? Call Washington Water Service Company at 851-4060. Do not attempt to breaks yourself. This carries with it possible contamination and liability issues for all Members.

Do Not attempt to drive through the construction site. Members have done this and it is hazardous to the workers and to the Member. Keep our costs down by giving the contractor room to work.

Are you on the Dirt List? Until the contractor says materials is available to be moved, leave any excavated dirt in place. If Members take it, it might have to be replaced at HMC cost!

Questions? Please contact the Island Manager at hmcmanager@herronisland.org —email monitored 24/7. Contact phone number soon to be published.

PRAY FOR DRY WEATHER!

From: HMC Office <office@herronisland.org>
Sent: Tuesday, April 17, 2012 2:37 PM
To: email@herronisland.org
Subject: An Update from our Water Project Engineer

Here's an update from Jester Purtteman, our Project Engineer with Northwest Water Systems. If you want to respond to or comment on this email, please be sure to send your comment to the Island Manager at hmcmanager@herronisland.org. (Just replying to this email sends your comment to Carolyn, who then has to forward it to Claudia.)

Installation of the first pieces of watermain began last week and are continuing around the loop formed by West Herron, East Madrona, and West Madrona Boulevards this week. The start-up has been a little slow, but the crew appears to be getting a stride this week and we should see a lot of work over the next 8 weeks as the main waterline installation progresses. After the watermain has been installed, you should expect affected roadways and shoulders to be a little soft for a few weeks until it starts to dry out and the contractor performs their final compaction. During this time you can really help out by keeping speed low and making efforts to avoid parts of the road that are visibly soft.

In the next week a second crew will begin work on "Loop 5", or the loop formed by Maple Drive, East Herron and West Herron Boulevards. The crews are likely to move between 200 and 500 feet per day each, so their location day to day should be somewhat predictable. Once there are two crews on the island, you should take care to be aware of their locations from day to day if you are planning on being on the island. This awareness is so that (1) you know when to expect them to be in front of your driveway (which may happen for short periods, although they will work hard to keep it from being a problem for you), and (2) so that you know which roads to avoid when it's time to make that dash for the ferry! The contractor and Resident Inspectors will make reasonable efforts to post notices, but being aware of where they are and where they're going will be useful.

We're receiving a number of comments from people at this time concerned that pressure may drop after this project is complete and I would like to address this for everyone. The system will be operating at about the same "set point" as it is now, which means that under most conditions the pressure will be the same. However, the system will have between 4 and 32 times the capacity (depending on where your house is), which means that when everyone is using water, you will still have the same pressure. It is much more likely that you will see an appreciable increase in pressure. The only time we would anticipate pressure reducing at all would be when hydrants are used for firefighting, and even then you should maintain at least 20 psi at your connection.

Final edits to the site plans are being done to show the current plan for work, they will be posted, in large format, on the island at the top of ferry hill. So far there has only been one small waterline broken and it was repaired without interrupting service; however, it is very likely that at some point in the project a large watermain will be compromised and that the contractor will have to shut the water system down to make repairs. Please plan ahead for this and keep a couple gallons of water on hand until construction is complete. If you have questions, concerns, comments or even praise for the contractor, please remember to direct them to Claudia Ellsworth, the island manager so that we can make sure it gets to the right people. Thank you for your time, attention, patience and help through this process.

From: HMC Office <office@herronisland.org>
Sent: Tuesday, April 10, 2012 12:21 PM
To: email@herronisland.org
Subject: for our email distribution list
Attachments: April 10 work crew.jpg; April 10 West Madrona.JPG

Trenching work began today at the Herron Island Water Well site. In the attached photos....Massana Construction work crew; Charles Smith (resident inspector for HMC) and Scott Schultz, HMC Member and water system technician.

The second photo shows some of the pipe and the excavator in the center of West Madrona.

If you have questions, PLEASE do not respond to this email...send questions to Claudia Ellsworth at hmcmanager@herronisland.org

Thank you.

Claudia Ellsworth
Island Manager
253-884-9350