



TOWN OF BOW

Drinking Water Protection Committee

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Approved as presented on November 2, 2020

MEETING MINUTES – October 5, 2020

A virtual meeting was held via Zoom meeting software. Ms. Klevens read the online meeting checklist and performed roll call. Attendees: Cindy Klevens (Chair), Wendy Waskin, Jordan Vachon, Blake Hooper, and Chris Culberson. Madhumita Chatterjee and Matt Taylor were excused. Alvina Snegach recorded the minutes.

SEPTEMBER MEETING MINUTES were reviewed and approved as presented with a motion made by Ms. Waskin and a second by Ms. Vachon followed by a roll call vote: Ms. Klevens – yes; Ms. Waskin – yes; Ms. Vachon – yes; Mr. Hooper – yes; Mr. Culberson – yes. Motion passed 5:0.

TASKS FROM AUGUST 2020 MEETING

Ms. Klevens

Prepare a summary for posting to the Town webpage – **Completed and posted.**

Start drafting the annual written report (due in January) for members to add their input - **Continued.**

Ms. Vachon

Review the BDWPC webpage to recommend updates and improvements – Ms. Vachon sent the webpage edits to Ms. Snegach who completed the changes. Next she will develop a short summary of the Source Water Protection Plan for posting as a preview to opening the full report documents - **Continued.**

Ms. Snegach

Post the committee’s summary report on Lead in Drinking Water Testing at Schools and Daycares on the Town Website - **Completed.**

Mr. Culberson

Share results for conductivity, sodium, and chloride monitoring for Bow Municipal Wells - Mr. Culberson described monitoring results thus far and noted that he will compile a spreadsheet.* Testing of the production wells is being completed on a weekly basis for conductivity and monthly for sodium and chloride. The monitoring wells are tested monthly for field parameters only. As known from prior monitoring data, OW-6 (located between Rte 3A and the wells) has the highest salt levels suggesting the salt loading is coming from Rte 3A and the facility parking lot. Mr. Culberson offered to provide a sketch with all the monitoring wells for the next meeting*. Members discussed that this monitoring should be performed for one full year in order to establish seasonal trends.

NEW BUSINESS

Water quality testing and Water Level Monitoring at the Municipal Wells

- **PFAs testing for public water systems** - the state has resumed PFAS testing for all non-transient public water systems starting Q4 2020. This applies to the Municipal System, the Municipal Building, and the 3 Schools. Ms. Klevens explained that the Town may apply for a waiver to the state requirement for four consecutive quarters. Discussion followed that it would be best not to seek the waiver and collect four consecutive quarters, as Mr. Culberson has observed seasonal variability in other system sources such as Pembroke Water Works. The Committee will support Whitewater’s preference, whether consecutive or non-consecutive quarterly sampling for PFAS.

- **Water Level Monitoring and Drought Impact** - Mr. Culberson provided water level monitoring at the Municipal system monitoring wells which shows that water levels have dropped about 2 feet since the Spring. This impact is similar to the drought of 2016. See Figure at end and next section on Drought Advisory.
- **Bulk Water Sales** - Mr. Culberson informed that the Municipal water system has sold approximately 2 million gallons of water per month in bulk water sales for the months of July and August 2020. This is a win-win for the system as water quality improves with higher water use and better turnover of the storage tank, and the Town benefits from the water sale revenues. The committee has long advocated for the bulk water sales and is very pleased to learn that the seasonal bulk water fill station is being used.
- **Manganese Standard** – Ms. Klevens informed that the state will be adopting a new Ambient Water Quality Standard (AGQS) of 0.3 mg/L for Manganese, which will then be required for compliance by public water systems. The Municipal well manganese levels are 0.1 to 0.2 mg/L, so is not likely to be affected. There were no water quality complaints for Summer 2020 likely thanks to the bulk water sales and increased turnover of the water storage tank.

Drought Advisory recommendations and communications

Ms. Waskin and Ms. Snegach have been updating the Drought Advisory notices on the Town Website to reflect weekly updates from the State. The entire state is impacted and 1/5 (22%) of the state is experiencing Extreme Drought. Members discussed the need to provide more information to residents regarding the drought and water conservation recommendations. Ms. Klevens issued a notice in the Town E-News Bulletin for October and will submit a followup notice for the November Town Bulletin*.

Next Meeting is **November 4, 2020 at 5:30 pm.**
Meeting was adjourned at 6:26 PM.

BOW MUNICIPAL MONITORING WELLS WATER LEVELS – DROUGHT OF 2020
Provencher Engineering LLC, Oct 2020

