

1. Bow Drinking Water Protection Committee 1/10/2022 Meeting Agenda

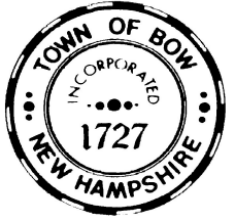
Documents:

[20220110 BDWPC AGENDA.PDF](#)

2. Bow Drinking Water Protection Committee 1/10/2022 Meeting Packet

Documents:

[2021 BDWPC ANNUAL REPORT.PDF](#)
[DRAFT BDWPC ANNUAL PLAN 2022.PDF](#)



TOWN OF BOW

Drinking Water Protection Committee

10 Grandview Road, Bow, New Hampshire 03304

(603) 223-3970 | bowdrinkingwater@bownh.gov | www.bownh.gov

Location: 10 Grandview Road, Bow, NH, Room C

Time: 5:30 – 6:30 PM

AGENDA

Monday, January 10, 2022

Meeting will be livestreamed on YouTube (for viewing purposes only) here:

<https://youtu.be/h4elqqWkGcE>

1) APPROVAL OF DECEMBER 2021 MEETING MINUTES

2) OTHER

Welcome and introduce Chris Dunbar

Discuss Annual Plan / Calendar

Any comments or questions on the Annual Report that Cindy submitted

Review letter to Bow Times on wells in Bow

3) FROM LAST MEETING / OLD BUSINESS

Ms. Klevens

- Prepare and submit the annual 2021 report.
- Resend updated stats from the 2021 well testing to members.
- Update on Bow High School opportunities (data sharing, mentoring, etc.)

Mr. O'Donovan

- Contact DPW Director to recommend continued annual green SnowPro training.
- Attend the next monthly Water Operator meeting with the Town Manager Contact DPW.
- Prep for May AWWA Drinking Water Week, 1-7 May 2022 (Reserve Library display space and room, etc.)
- Update on Town planning for hookups to Concord and / or Hooksett.

Mr. Cheney / Whitewater Co. Representative

- Share additional historical data on sodium, chloride, conductivity and manganese testing for municipal wells.
- Notify the Committee when all BMP Inspections have been completed.
- Update on meeting with Town Manager

All

- Review the newly created website tab “Additional Resources for Municipal and Private Well Owners” and provide feedback.

4) NEW BUSINESS

Next Meeting – **February 7, 2022 at 5:30 pm.**

What topics should be covered?

BOW DRINKING WATER PROTECTION COMMITTEE 2021 ANNUAL REPORT

The BDWPC was created by the Town Selectboard in 2005 to support drinking water protection and outreach on water quality. In 2021, committee membership was reduced from the original 8 to 5 public members, in addition to the 3 town appointees (DPW, Community Development and Contract Water Operator). Meetings are held on the first Monday of each month at the town Municipal Building as well as streamed online.

Bow well water has naturally occurring contaminants that have no taste, color or odor such as radon, arsenic and uranium, so the only way to detect their presence is by testing. Also, salt contamination from softener backwash and road salt increases water corrosivity, causing harmful lead and copper leaching from home plumbing fixtures.

This year the committee distributed 65 water testing kits in our annual well testing event held the first Saturday in June. Test results processed by the State Public Health Lab through 2021 (chart) show that 70% of Bow well samples exceed the radon guideline of 4,000 pCi/L, 56% exceed the new state arsenic standard of 5 ppb, and 17% are above the proposed manganese state health advisory for formula-fed infants of 0.1 mg/L. Stagnant lead leaching from home plumbing fixtures due to water corrosivity is also of concern in as many as one quarter (23%) of samples.

Studies have shown that the ingestion of arsenic or uranium can increase the risk of developing certain types of cancers and other diseases, and that radon exposure via air and water is the second leading cause of lung cancer after smoking. Formula-fed infants (up to 12 months old) should not drink manganese over 0.1 mg/L to prevent potential health risks including impaired motor function and learning, or harm to their nervous system.

Following the well testing event, the committee provides guidance on treatment options such as Point of Use (POU) filter cartridges for arsenic or uranium, as only the water used for drinking and cooking needs to be treated. Whole-house treatment is required for radon, corrosivity, and manganese, though non-salt treatment technologies are preferred to reduce salt contamination to groundwater and surface water.

To test your well, you can obtain a sample kit at the Town Clerk's office, from the State Public Health Lab at 603-271-3445, or online by searching for "NHDES Homeowner Sample Bottle Request". The recommended test package is the "Standard + Radon" which consists of 15 parameters including arsenic, uranium, manganese, stagnant and flushed lead, bacteria and others. Testing cost is \$105.00 due upon sample delivery. For questions or additional information, please contact bowdrinkingwater@bownh.gov and visit <https://bownh.gov/394/Private-Well-Owners>.

Cynthia Klevens, Chair

Madhumita Chatterjee, Jordan Vachon, Wendy Waskin, Tom O'Donovan - Volunteer members

Alvina Snegach, Matthew Taylor - Community Development Representatives

Steve Cheney - Whitewater Inc., Contract Water Operator

Bow Drinking Water Protection Committee (BDWPC) Annual Plan

2021

October Source Water Protection Plan(SWPP): Activities Review and Actions

November Draft Annual Report

December Finalize Annual Report

2022

January Contractor Performance
 Submit Annual Report

February Committee Review with Bow Selectmen

March Site Visits
 Town Meeting Outreach

April Town Municipal Wellhead Protection Plan: Activities Review and Actions

May AWWA Drinking Water Week

June
Scout event Annual Outreach on water testing: Sample kit handout and recovery, ICW Boy

July Annual outreach on water testing: Test results seminar

August No meeting

September Policy Outreach to Bow Legislative representatives

October Source Water Protection Plan(SWPP): Activities Review and Actions

November Draft Annual Report

December Finalize Annual Report