
CFD2 | Regular Meeting

08.07.2023 via Zoom 5:30-7:02pm

Attendees

Ian Baldwin (Board Member)
Gina Campoli (President)
Paula Davidson (Treasurer)
Christina Finkelstein (Secretary)
George Hall (Board Member)

Norm Hanson (Board Member)
Renee Rossi (Board Member)
Steve Smith (Systems Operator)
Jake Tracy (D&K)

ABSENT:

Nicole Civita (Board Member)

Acronym Guide

DEC	Department of Environmental Conservation
D&K	Dubois & King, consultant engineers for CFD2
RCAP	The Rural Community Assistance Partnership
WL-01	Well polluted with PFAS
WL-04	Well with no detectable levels of PFAS
WL-05	Reference to potential primary source well or its location
WL-06	Reference to potential primary source well or its location
WL-07	Reference to potential primary source well or its location

Agenda

1. Changes/Additions to agenda
2. Approve minutes from last meeting
3. Review action items from last meeting
4. Well-07 Progress Update
5. Treasurer/Finance Committee Report
6. Other Business

1. Changes/Additions to agenda

- A. Addition: PFAS Investigation
- B. Addition: Board Recruitment

2. Approve Minutes

MOTION: Norm made a motion to approve the minutes from July 10, 2023. Gina seconded. The motion passed unanimously.

3. Review Actions Items from Last Meeting

- Paula reported that she confirmed with Steve that we have not done a lead service line inventory. This will be something we will want to pin for 2024 after the new wells are completed. The inventory is due in October.
- *[Secretary's note: Jon (not present) is working on gathering information from Steve and completing the Asset Management Plan.]*

4. Well-07 Progress Update (Jake Tracy)

- D&K received the **water quality test results for WL-07 - NO PFAS**
- Step-test is scheduled for August 10 or 11. The step-test is a one-day test where the flow rate is started low but increased every hour to gauge what the well can handle.

- The long-term pump test is conducted after the step-test is completed. The long-term test requires monitoring of other property owner's wells to monitor for any adverse drops in their water yield. After the long-term test, the state requires a recovery test and then another water quality sampling test.
- Gina added that Nicole is working on coordinating the easement for Sterling. Once Gina gets a draft, she will forward it CFD2's attorney for review.
- Jake noted that WL-06 will be hooked up at the same time as WL-07. WL-06 will serve as a back-up.

Discussion

- Gina asked if D&K heard back from all property owners. Jake said he heard from everyone except one property. Gina suggested reaching out by email because they may not get regular mail delivery.
- Jake reported he also had not heard back Curtis Funeral Home, which is listed in state records as having a well. Discussion that this is highly improbable unless it's in the basement. Ian will follow-up with the funeral home to inquire.
- Jake also reported that one property owner expressed concerns about the long-term test because their yield is very low. Gina asked Jake to follow-up with them by phone to answer any questions they may have. Jake added that there are steps they can take to minimize any affect on their yield.
- Jake asked if a Board Member will be available next Wednesday (8/16) to accompany Chevalier as they go around to the neighboring wells to install probes. Norm and Steve both said they will accompany Chevalier.
- Ian asked what the final yield for WL-07 is. The blow test completed on July 17th determined a well yield of **45 gallons per minute**.
- Gina asked if a route for the water pipes has been finalized. Jake reported that the route is not final yet because a wetlands investigation and other permitting are required first. Jaked added that the pipes will likely follow the road. Steve suggested an alternate route that would follow the old pasture and Sterling's barns to reach the water tower. Jake will look into this. It may take a couple of weeks to figure out. The final route is necessary for the easement.
- Gina asked if D&K will coordinate the construction grants for both WL-06 and WL-07. Jake said D&K will be coordinating.
- Christina asked if it's feasible for the wells to be connected before the end of this calendar year. No it is not. CFD2 customers will need to rely on bottled water

through the spring of 2024. [See Attachment A for a schedule of activities as of August 7, 2023.](#)

- Steve asked whether WL-01 and WL-04 will be abandoned. Many members assume WL-01 will be abandoned for certain. Jake will follow up with Jon about WL-04. Concern about WL-04 since there has been a leak for some time.

Well-05

- Jake said that since WL-07 is moving forward, WL-05 can be abandoned per the property owners' wishes. The wellhead would be cut down below grade and the area would be finished to match the surrounding grade.
- Discussion whether it was possible to proceed the following day but property owners are not in town.

5. Treasurer/Finance Committee Report

Paula shared with the Board the latest financial reports. Key highlights include:

- CFD2 paid off all of its bills
- Paula just submitted a reimbursement request for \$55,000 to cover the last D&K bill and the interest on the line of credit
- Until we know more, Paula is not able to recommend whether CFD2 needs to take out another line of credit to pay future bills related to WL-07 and WL-06.

Discussion

- Paula asked whether an insurance claim had been filed for WL-01's pump. A claim was not filed pending potential FEMA eligibility. Paula will file a claim with VLTC.
- Norm acknowledged and thanked Paula for her tremendous efforts and effectiveness in juggling all the loans, grants, and payments.

6. Other Business

Q2 PFAS Results

- Steve reported that the most recent PFAS results are 20.2 ng/L. This is higher than in other quarters because the water is entirely from WL-01. WL-04 has a leak so it has

been offline for several months. The next test will be in September. Christina will share the PFAS test results along with the draft minutes. [See Attachment B](#)

July 11 Storm

- Gina reported that the motor for WL-01 burned out during/after the storm. Manosh replaced the motor. The fee was approximately \$3000. In order to qualify for FEMA public assistance the associated damage needs to be over \$3800. Discussion about whether anything can be done to protect the pump from future power surges.

Back-up Systems Operator

- Renee summarized current options for a back-up water systems operator in the event Steve is not available. One important criterion is that the volunteer needs to be certified. So although Board Members must continue to check the water pH and record water use on weekends, CFD2 needs to have an operator on call 24/7 per state regulations. Renee got the names of two operators in Greensboro Bend.
- Steve added that there is a systems operator in Hardwick, under whom he trained, and another operator in Greensboro. Gina asked Steve to follow-up with both to see if they may be interested.
- Renee also shared that there is a new network in Vermont called WARN, which is for community groups to share resources during emergencies. Paula noted that WARN is an arrangement worth looking into. Renee will follow up and apply on behalf of CFD2.
- Christina asked if a schedule has been established to cover Steve while he is on vacation later this month. Norm will cover the daily water checks.

Class-action lawsuit

- No new information

PFAS Investigation

- Gina reported that the consulting firm conducting the PFAS investigation for the state contacted her to inquire about Sterling's septic systems. She referred them to Sterling to get more information.

By-law and Ordinance Review

- Christina reported that she and John Kiernan completed the review and are organizing the comments. The summary will be distributed for Board review and discussion at the next meeting, time permitting.

September Meeting Date

- Since the first Monday is Labor Day, the September meeting will be held on Monday, September 11th at 5:30.

Board Member Recruitment

- Ian emphasized the urgency with which we need to recruit and transition new board members since at least three members (Gina, Norm, Ian) will be departing at the end of the calendar year.
- Steve asked whether the member needs to be on the CFD2 system. Christina noted that the current Ordinance language does not require a member to be a customer or reside within CFD2 boundaries, but a majority of the members need to be property owners in Craftsbury. This is an item slated for discussion during the detailed review of the ordinance and by-laws.
- Ian suggested that we try recruiting a parent with a child at the Academy. Gina suggested approaching the school's board first.
- Ian also suggested that each Board Member approach and possibly recruit at least one community member before the next meeting.
- Gina said she had several potential candidates in mind and would approach them. She said if other Board Members have suggestions then they should send their names to her so she can contact them..

Actions Items

- Ian will reach out to Curtis Funeral Home to confirm that they do not have a well under their property.
- Jake will reach out to the property owners who have not responded or have concerns about the long-term test.
- Norm and Steve will join Chevalier on August 16th as they travel to nearby wells to insert probes for the long-term test.

- Jake will look into the alternative route Steve suggested for the water connection pipes.
- Nicole and Gina will continue to coordinate an easement for WL-06 and WL-07.
- Paula will file a claim with VLCT for the failed pump for WL-01 during the July 11th storm.
- Christina will share the latest PFAS test results along with the draft minutes.
- Renee will apply for the WARN program.
- Steve will reach out to local water systems operators about a reciprocal on-call arrangement.
- Christina will share a summary of the by-law and ordinance review.
- Board members will approach community members for potential interest in joining the Board. [Per June 5th meeting, Christina will solicit interest in an email to all customers.]
- George will hand-deliver these minutes and any announcements to customers without email.

Upcoming Meetings

The next Regular Meeting will be on **Monday, September 11th at 5:30pm**. A special meeting will be called if there are developments or other issues that merit full Board deliberations.

A reminder announcement with the Zoom link (<https://us02web.zoom.us/j/87324152544>) will be posted on Front Porch Forum.

NOTE: The Zoom link (<https://us02web.zoom.us/j/87324152544>) and call-in details are the same for all remaining 2023 meetings.

Call in Details:

Meeting ID: 873 2415 2544

One tap mobile

+13092053325,,87324152544# US

+13126266799,,87324152544# US (Chicago)

Dial by your location

- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 876 9923 US (New York)
- +1 646 931 3860 US
- +1 301 715 8592 US (Washington DC)
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 386 347 5053 US
- +1 408 638 0968 US (San Jose)
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 719 359 4580 US

Meeting ID: 873 2415 2544

Find your local number: <https://us02web.zoom.us/j/kARtU3GQR>

Craftsbury Fire District No. 2			
New Well Source Permitting and Design Tasks			
Task	Schedule	Responsibility	Notes
Drill Well 007 and conduct blow test	July 14, 2023	D&K and Chevalier	Completed
Submit Well 007 preliminary water quality samples to lab	July 17, 2023	D&K	Completed
Submit proposed testing plan to DEC	July 21, 2023	D&K	Completed - DEC review in progress
Prepare and send well access letters	July 27, 2023	D&K and CFD2	Completed
Lab results expected	July 31, 2023	Endyne	Completed
Install test pump and instrument tubes	August 9, 2023	Chevalier	Completed
Complete step test	August 11, 2023	D&K and Chevalier	
Provide responses to DEC comments on Well 006 source evaluation report	August 11, 2023	D&K	In progress
Complete long term pump test	August 14-18, 2023	D&K and Chevalier	
Collect post-test water quality samples	August 17, 2023	D&K	
Prepare Well 007 source evaluation report	August 14-September 9, 2023	D&K	
Prepare source protection plan/area	August 14-August 31, 2023	D&K	
Update proposed transmission main alignments and profiles	July 24-31, 2023	D&K	In progress
Wetlands delineation along proposed water main alignments	July 31, 2023	D&K	
Probe to evaluate depth to ledge along the proposed water main alignments	August 2023	D&K and Verterre	
Evaluate location and depth of existing water main along North Craftsbury Road	August 2023	D&K and Button Locating	
Topographic survey of proposed water main alignments	August 2023	D&K	
Complete Historic Resources Inventory for proposed project	August 2023	D&K and Polly Allen	
Develop plans for permanent easements for Well 006 and 007 source protection areas Zone 1	July 31, 2023	D&K	In progress
Develop easement agreements for Well 006 and 007 source protection areas Zone 1	August 31, 2023	CFD2 and Sterling	
Develop permanent easement plans for proposed water transmission lines and well power	July 31, 2023	D&K	In progress
Develop easement agreements for proposed water transmission lines and well power	August 31, 2023	CFD2 and Sterling	
Coordinate permanent abandonment of Well 005	After Well 007 step test	D&K and Chevalier	To be scheduled with Chevalier
Finalize Archaeological Resources Assessment for proposed water main alignments and submit to SHPO	ASAP	Hartgen	Draft received from Hartgen 6-28-2023
Develop design concept for permanent bridge crossing to Well 007	September 2023	D&K	
Develop design for water treatment system for radium in Well 006	September-October 2023	D&K	
Design portable generator connection for Well 006 and 007 pumps	September-October 2023	D&K	
Prepare and submit Environmental Information Document for proposed project	September-October 2023	D&K	
Prepare final design plans for project	September-October 2023	D&K	
Prepare technical specifications and Contract Documents for bidding the project	October-November 2023	D&K	
Develop amendment to Engineering Services Agreement for Step III Bid and Construction phase services	October-November 2023	D&K	
Prepare and submit loan application for Step III	October-November 2023	D&K	
30% Design Submittal and Review with DEC	August 2023	D&K	
60% Design Submittal and Review with DEC	September 2023	D&K	
90% Design Submittal and Review with DEC	October 2023	D&K	

PUBLIC NOTICE

****IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER****Do Not Drink the Water at Craftsbury Fire District 2
Levels of PFAS in the drinking water

The standard for the combination of five PFAS: PFOA (perfluorooctanoic acid), PFOS (perfluorooctane sulfonic acid), PFHxS (perfluorohexane sulfonic acid), PFHpA (perfluoroheptanoic acid) and PFNA (perfluorononanoic acid) is 20 nanograms per liter (ng/L). That means the sum of the five PFAS levels must not exceed 20 ng/L in your drinking water.

Routine water quality monitoring samples collected from the Craftsbury Fire District 2 Water System WSID#VT0005194 on March 14 and June 22, 2023 indicate the following levels of PFAS detected in the water being served.

Monitoring period (Quarter) of sampling	PFAS result in ng/L
Second Quarter 2023	20
First Quarter 2023	15

As water system users, you have a right to know what you should do, what this means, and what is being done to correct this situation. Due to the potential for impact to human health, the Vermont Department of Environmental Conservation (DEC) has required the Water System to provide this Do Not Drink notice to all users of the water system.

This **DO NOT DRINK NOTICE** remains in effect until further notice.

What should I do?

- DO NOT DRINK THE WATER. Do NOT use the water for drinking or cooking, brushing teeth, making ice cubes, making baby formula, washing fruits and vegetables, or any other consumptive use.
- Use another source of water for consumption which may include bottled water.
- Water may be used for other uses when you don't swallow the water, such as showering, bathing, or washing clothes or dishes. Try to limit the amount of water children swallow while bathing.
- Do NOT use water containing the five PFAS over 20 ng/L to water your garden. The PFAS could be taken up by the vegetables.
- DO NOT BOIL THE WATER. Boiling the water will not remove PFAS and may concentrate them.
- If you have specific health concerns, contact your health care professional.

What does this mean?

PFAS is a group of chemicals that may affect different systems in the body. Although more research is needed, some studies in people have shown that these chemicals may affect growth, learning, and behavior in babies and children; lower a woman's chance of getting pregnant; interfere with the body's natural hormones; increase cholesterol levels; affect the immune system; and increase the risk of cancer. These health effects may be the same for pets. If you are concerned, you can give your pet bottled water or water from a known safe source.

What happened? What is being done?

CFD2's water supply exceeded the state MCL for PFAS substances and has been under a Do Not Drink Order since December 28, 2021. Bottled water is available for customers at Sterling College. In 2022, two new wells were drilled, but had insufficient yield. In June, a third well was drilled. This well is PFAS free and has sufficient yield (45gpm). CFD2 is in the process of securing easements and DuBois & King is working with the state to plan and build the connections between the wells and water tower. The Do Not Drink Order has been and remains in effect until further notice.

Additional information also available at <https://dec.vermont.gov/water/drinking-water/water-quality-monitoring/pfas>.

For more information from the water system, please contact Gina Campoli at 802-793-1822 or via email at ginacampolivt@gmail.com

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

CERTIFICATION (VT005194) Craftsbury Fire District 2

Method(s) of Distribution: by email + hand Date Distributed: 8/14/2023
(e.g. hand or direct delivery, posting¹, television, radio)

I Christian Finkelshteyn (print name) Certify, as the Responsible Person (or authorized representative) of the water system listed above that this public notice has been provided to customers in accordance with the delivery, content, and format requirements and deadlines in the Vermont Water Supply Rule (Chapter 21, Subchapter 21-10).

Signature: Christian A Finkelshteyn Date: 8/14/2023

Within 10 days of issuance of public notice, send a copy of the notice to:

VT-DEC, Drinking Water and Groundwater Protection Division, 1 National Life Drive – Davis 4, Montpelier, VT 05620-3521

1 - Community Water Systems may use posting as a second method, but must also use radio, television, or hand or direct delivery.