

**Meeting Minutes**  
**EAST GRAND WATER QUALITY BOARD**  
**March 8, 2023**  
**Zoom meeting**

- 1. Call of Order and Roll Call – meeting called to order at 3:01pm**
  - a. Members Present: Hopper Becker, Doug Bellatty, Buff Borrás, Kent Bosshard, Laurie McPhee, Keith Riesberg, Thom Yoder
  - b. Other People Present: Ryan Banta, Tanner Chapin, Anna Drexler-Dreis, Kayli Foulk, Michael Holmes
  
- 2. Changes to the agenda – no changes.**
  
- 3. Presentation from Tanner Chapin on USGS sampling data, [click here to view the presentation](#)**
  - a. Snowpack summary
    - i. Above median in 2023.
  - b. Fraser River water temperature 2022
    - i. Ranch Creek below Meadow Creek – 13 exceedances of DM, 3 exceedances of MWAT between June and September.
  - c. 2022 EGWQB changes
    - i. 3 new discrete water quality locations (Fraser River below St. Louis Creek, Ranch Creek below Cabin Creek, Fraser River near mouth)
    - ii. Ions and trace elements added to all samples.
  - d. Ranch Creek 2022 observations
    - i. Ranch Creek near Fraser to Ranch Creek below Cabin Creek
      1. Higher upstream concentrations of NO<sub>3</sub> and NO<sub>2</sub> for 3/4 samples. Higher downstream concentrations of several nutrients.
    - ii. Ranch Creek below Cabin Creek to Ranch Creek below Meadow Creek
      1. Higher concentrations of Total Nitrogen, NO<sub>3</sub> and NO<sub>2</sub> in January, April, and July. Higher downstream concentrations of several nutrients.
    - iii. Increased downstream concentrations in Total Nitrogen and Total Phosphorus in January, April, and July.
    - iv. Increased iron concentrations downstream. Exceedances of chronic standard for all samples below Meadow Creek and most samples below Cabin Creek.
  - e. Ranch Creek and Fraser River 2022 observations
    - i. Lower concentrations of Total Nitrogen in Ranch Creek than Fraser River.
    - ii. Similar concentrations of Phosphorus and Orthophosphate.
    - iii. Ranch Creek has higher concentrations of dissolved iron than the Fraser River sites.
  - f. Fraser River mainstem 2022 observations

- i. Increases in copper are occurring at upstream sites (Fraser River below Vasquez and Fraser River below St. Louis) but still below aquatic life chronic standards.
  - ii. Increased turbidity and total Phosphorus concentrations in April at furthest downstream site (Fraser River near mouth).
- g. Fraser River below Buck Creek 2022 observations
  - i. In April, noted increased turbidity and construction near station location.
  - ii. In April, exceeded aquatic life chronic and acute standards for aluminum.
  - iii. In April, exceeded aquatic life chronic standard for iron, dissolved iron, dissolved lead, and dissolved manganese.
- h. EGWQB questions
  - i. Why the exceedance of organic nitrogen? Sewage effluent or runoff from land where manure is applied or stored.
  - ii. Is USGS being asked to do additional PFAS testing along the Fraser River? Yes, sampling at all the Fraser River sites. USGS will present these results to EGWQB.
  - iii. In the future, USGS will present why the exceedances may be occurring.

**4. Approval of Minutes from December 14, 2022**

- a. *Laurie motions to approve the December 14, 2022 minutes, seconded by Doug, unanimously approved.*

**5. Officer elections**

- a. Doug Bellatty (President), Laurie McPhee (Vice-President), Thom Yoder (Treasurer), and Vacant (Secretary).

**6. Financials**

**a. Bills to be approved**

- i. Colorado Secretary of State annual filing (\$10)
- ii. *Buff motions to approve the bill, seconded by Laurie, unanimously approved.*

**b. Financial statement – December 31, 2022**

- i. Total assets - \$65,255.
- ii. Total revenue - \$79,749.
- iii. Total operating expenses - \$72,108.
- iv. *Laurie motions to approve the year end financials for 2022, seconded by Buff, unanimously approved.*

**c. Trout Unlimited and JFOC MOAs**

- i. Trout Unlimited 2023 MOA is executed.
- ii. TU and JFOC have both paid stream gage invoices.
- iii. Buff will discuss the JFOC MOA at the upcoming Manager’s meeting.

**7. JVA Erosion Control Program – status update**

- a. Need to make this document current: [Erosion and Sediment Control for Construction Activities handbook](#)
- b. Add a QR code to the one page document for the longer handbook.
- c. We are looking for a pamphlet that goes with a 15-minute presentation that anyone can share for informational purposes.
- d. Kevin is planning to present this document to the Grand County Builders Association on April 20.
- e. At a minimum, contact info for EGWQB and JVA should be included.
- f. Doug, Laurie, Kayli, and Thom will work with Kevin to get the document ready for the GCBA meeting.

**8. Wildfire Ready Watersheds – status update**

- a. Katherine and Kayli are working with CWCB and will apply for a grant for task 1 and 2 to develop the stakeholder group and define the goals and objectives of the program and geographic scope. Money (under \$50,000 with 25% cash and in-kind match provided by Grand County) will go towards hiring a facilitator and engineering firm.
- b. EGWQB will be involved in defining the geographic scope of the project.
- c. Grant will be submitted by the end of March.
- d. Denver Water, Northern Water, and Winter Park Resort will be involved.
- e. Tentative completion of Task 1 and 2 in 6-months. Then, will write another grant for Task 3 – 6 and other stakeholders will be asked to contribute cash match in 2024.

**9. Other topics – no other topics**

**10. Adjournment at 4:35pm. Next meeting is June 14, 2023 from 3-5pm on Zoom.  
*Laurie motions to adjourn, seconded by Keith, unanimously approved.***