

**Meeting Minutes**  
**EAST GRAND WATER QUALITY BOARD**  
**March 9, 2022**  
**Zoom Meeting**

- 1. Call of Order and Roll Call – meeting called to order at 3:02pm**
  - a. Members Present: Hopper Becker, Buff Borrás, Kent Bosshard, Adam Cwiklin, Kayli Foulk, Laurie McPhee, Doug Bellatty, Katherine Morris, Thom Yoder, Mike Zielke
  - b. Other People Present: Jessica Alexander, Paula Belcher, Travis Bray, Anna Drexler-Dreis, Jon Ewert, Mike Eytel, Tom Fresques, Peter Ismert, Seth Mason, Katie Schneider, Jason Turner Brad White, Justin Wiese, Kristina Wynne. *Other members present left after guest presentations.*
  - c. Quorum established.
  
- 2. Changes to the agenda – no changes.**
  
- 3. Presentation from Jon Ewert – Fraser River, [presentation can be accessed here](#)**
  - a. Fraser River fishery consists mostly of brown trout with a small amount of rainbow trout. Brown trout need vertebrate prey to grow beyond 14”, which is why mottled sculpin are important.
  - b. Mottled sculpin outnumber other Fraser River species 10 to 1.
  - c. Mottled sculpin are good water quality indicators due to higher sensitivity than trout. Sculpin are a good indicator of physical habitat health because they live in the interstitial spaces between riverbed cobbles.
  - d. Downstream of reservoirs there are no sculpin. CPW believes this is due to sedimentation and armoring of cobble riffle habitat.
  - e. CPW has seen increasing impacts to the Fraser River in the past few years:
    - i. Turbidity events that are highly visible.
    - ii. Sediment discharges from multiple construction sites and projects.
    - iii. The frequency of these events has increased.
  - f. Safeway Station CPW fish survey site results:
    - i. In 2021, CPW collected the smallest number of sculpin ever (56) – less than half than the previous low number.
    - ii. There is a relationship between peak flows and sculpin. High water years result in lower sculpin numbers. 2021 was a low water year, which makes the low sculpin number concerning.
  - g. CPW brought this presentation to Fraser Town Board and is encouraging adherence to best management practices to moderate the sediment events that are coming into the Fraser River.
  - h. Questions & Answers
    - i. Does sculpin migrate?
      1. Sculpin do not migrate on a seasonal basis. CPW’s long term goal for the mainstem of the Colorado River is to see sculpin

populations restored and the Colorado River Connectivity Channel will help with this. Connecting the habitat is one piece of the puzzle and another issue is the armoring.

- ii. What metals are sculpin susceptible to?
  - 1. Zinc, aluminum, cadmium, and acid mine drainage places.
- iii. What do sculpin eat?
  - 1. Small invertebrates, fish eggs.
- iv. Is there any overlap with the stormwater permits through CDPHE or push towards municipalities that may address road runoff?
  - 1. If a municipality is beyond a certain settlement density then it is required to use MS4 permitting to guarantee that the stormwater runoff infrastructure is modernized. WQCD is processing violation cases with some developers in the Fraser area. Right now, Grand County is not subject to the MS4 permitting due to the population density threshold.
- v. Does CPW have suggestions/requests for EGWQB?
  - 1. CPW is sharing pertinent information at this time and raising awareness.
  - 2. Sediment discharges into the river need to be addressed.
- vi. Where/how to report sedimentation events?
  - 1. WQCD hotline: (877) 518-5608. What is most helpful is lat/long of locations where the event occurred with a photo time and date.
  - 2. Grand County Environmental Spill reporting:  
<https://www.co.grand.co.us/1432/Environmental-Spill-Reporting>

**4. Presentation from Brad White – Hazmat Response in Grand County, [presentation can be accessed here](#)**

- a. Grand County has a few Hazmat technicians.
- b. Response time in 5-10 minutes from dispatch to fire district on the scene. Another 20-30 minutes for the hazmat trailer to arrive. 40-50 minutes for CSP or 3<sup>rd</sup> party techs. Trucking companies and railroad response up to 4 hours.
- c. Fire district's do very little reporting, the State Patrol or cleanup agency does most of the reporting.
- d. Rare but high consequence events. Will plan to put together notification groups for EGWQB.

**5. Officer elections**

- a. Doug Bellatty, President
- b. Vacant, Vice-President – Laurie McPhee and Jim Fox will consider this position
- c. Thom Yoder, Treasurer
- d. Brian Canon, Secretary
- e. *Doug motions to keep the current Officers in place and progress towards filling the Vice-President at the next meeting, seconded by Thom, unanimously approved.*

**6. Approval of Minutes from December 14, 2021 (Attachment #1)**

- a. *Thom motions to approve the December 14, 2021 minutes as presented, seconded by Buff, unanimously approved.*

**7. Financials**

**a. Bills to be paid**

**i. Approve payment of invoices prior to meetings**

1. *Doug motions to allow for payment of cyclical invoices in advance of the quarterly meetings in order to pay bills on time, seconded by Buff, unanimously approved.*

**ii. Fountainhead Consulting Invoice #295 for \$412.50 (Attachment #2)**

1. *Doug motions to pay invoice #295 for Fountainhead Consulting for \$412.50, seconded by Kent, unanimously approved.*

**iii. Other**

1. Buff will ask Bruce to contact Thom to meet at Wells Fargo regarding signers.

**b. Year end 2020 & 2021 financial statement (Attachment #3)**

- i. *Kent motions to approve the year end 2020 & 2021 financials as presented, seconded by Hopper, unanimously approved.*

**c. Review 2022 budget adopted budget (Attachment #4)**

- i. With a 3% increase in membership dues, we are anticipating operating revenues of \$79,740.  
ii. Anticipated operating expenses of \$74,500.

**8. USGS monitoring topic from Mike Eytel**

- a. River District has a USGS cooperative funding program to maintain gages and there may be a cost savings benefit if River District paid USGS and EGWQB paid River District.  
b. To be discussed at the next EGWQB meeting.

**9. Review and approve Trout Unlimited (Attachment #5) and JFOC Members (Attachment #6) MOAs**

- a. Both MOAs have been reviewed by Trout Unlimited and JFOC Members.  
b. *Thom motions to approve both MOAs as presented, seconded by Doug, unanimously approved.*  
c. Anna will execute these MOAs.  
d. Will have this in place by the end of this year so it is in place by January of next year.

**10. EGWQB logo development**

- a. Tear drop with EGWQB wrapped around the bottom.



- b. March 23 from 3-7pm at Hideaway Park – Bruce retirement party.
- c. Will embroider a hat for Bruce and Mike Wageck. Thom will order 12 hats.
- d. *Doug motions to approve no more than \$200 for embroidery and hats purchase, seconded by Buff, unanimously approved.*

**11. Other topics**

- a. Anna will schedule the USGS presentation for the next meeting and will have a draft contract in place for approval at June meeting. Kayli will put together a draft contract with monitoring locations for consideration.

**12. Adjournment at 4:48pm.**

**Meeting Minutes**  
**EAST GRAND WATER QUALITY BOARD**  
**June 8, 2022**  
**Zoom Meeting**

- 1. Call of Order and Roll Call – meeting called to order at 3:01pm**
  - a. Members Present: Hopper Becker, Doug Bellatty, Kent Bosshard, Brian Canon, Kayli Foulk, Doug Laraby, Laurie McPhee, Thom Yoder
  - b. Other People Present: Tanner Chapin, Anna Drexler-Dreis, Kirk Klancke, Katherine Morris, Greg Smith, Dan Thomas, Kevin Vecchiarelli,
  
- 2. Changes to the agenda – no changes.**
  
- 3. Presentation from USGS, [click here to view the presentation](#)**
  - a. See the presentation slides for stream temperature, water quality, and trace element data.
  - b. Ranch Creek is showing elevated iron levels and unsure of the source, potentially groundwater or Cabin Creek culvert construction. May want to consider sampling at Ranch Creek below Meadow and Ranch Creek below Cabin next year as those sites are only sampled in even years.
  
- 4. Presentation from JVA Civil Engineering**
  - a. EGWQB erosion control program from 2005-2008/2010 focused on nonpoint source pollution (i.e., construction practices).
  - b. The program was not an enforcement program and instead focused on education and outreach to developers.
  - c. JVA would go to construction sites on an as needed basis to ask for a current copy of their stormwater management plan and educate on their construction practices to keep them in compliance with their stormwater permit.
  - d. JVA would then report to EGWQB quarterly.
  - e. If hired, Kevin will take direction from EGWQB through Doug and Thom.
  - f. EGWQB will send a proposal to the Town of Winter Park and Fraser to see if they can fund this program. UCRWG and Colorado River Headwaters Chapter of Trout Unlimited are other potential sources of funds.
  - g. An education seminar with the developers to let them know that JVA may be on site would be beneficial.
  - h. *Kent motions for a not to exceed \$5,000 amount for Kevin to put a proposal together, seconded by Doug with the addition that the proposal will include educational seminars in 2022, unanimously approved.*
  
- 5. Approval of Minutes from March 9, 2022**
  - a. *Kent motions to approve the March 9, 2022 minutes with the edit in item 10.d., seconded by Thom, unanimously approved.*

**6. Vice-Chair selection**

- a. Laurie McPhee is willing to be Vice-Chair.
- b. *Thom nominates Laurie McPhee as the Vice-Chair of the EGWQB, unanimously approved.*

**7. Financials**

**a. Bills to be paid**

- i. *Doug motions to approve Fountainhead Consulting #327, Great American Insurance Group, and Fraser Valley Tax and Consulting invoices, seconded by Thom, unanimously approved.*

**b. Financial statement**

- i. All income collected for 2022.
- ii. *Laurie motions to approve the first quarter 2022 financials as presented, seconded by Doug, unanimously approved.*

**8. Potential to initiate “Ground Water Account Study for the Fraser River Valley” to understand progressive environmental and growth impacts**

- a. The discussion started at the Fairways at Pole Creek to update the groundwater study that was last updated in 1998.
- b. The goal is to establish monitoring sites at specific locations in the Troublesome aquifer to see how drought, development, and diversions are affecting groundwater.
- c. Connor Newman (USGS) is attending the September 14 meeting to discuss the NGWOS program. This will help us understand how to build the program in 2023.

**9. Union Pacific Railroad Monitoring Program**

- a. Sediment sampling are routine in the Spring and Fall. Aqueous sampling (\$2,036) only happens in an emergency.
- b. EGWQB cost of \$2,159.50 and the budget is for \$1,938.
- c. The cost would increase by 5% in 2023.
- d. County will pay for GCWIN’s labor costs for spring monitoring because the monitoring occurred before approval.
- e. Budget line “LBD Emergency Sampling” should be changed to “Union Pacific Railroad Monitoring Program.”
- f. *Thom motions to approve the 2022 Union Pacific Railroad Monitoring Program, seconded by Doug, unanimously approved.*

**10. USGS 2023 Monitoring Matrix**

- a. Will keep the proposed monitoring matrix for 2023 and not add the Ranch Creek below Cabin Creek site.
- b. A secondary drinking water concern like elevated iron levels is not a health hazard and only an aesthetic concern (i.e., odor, staining).

**11. Finalize Code Red list**

- a. Anna will send this spreadsheet out to the membership to have them update it again and then send back to Katherine Morris.

**12. Other topics**

- a. Timberline Lodge new membership – Thom and Dan will discuss more via email.

**13. Adjournment at 5:10.**

**Meeting Minutes**  
**EAST GRAND WATER QUALITY BOARD**  
**September 14, 2022**  
**Zoom Meeting**

- 1. Call of Order and Roll Call – meeting called to order at 3:02pm**
  - a. Members Present: Hopper Becker, Doug Bellatty, Buff Borrás, Kent Bosshard, Laurie McPhee, Lucas Seffens, Thom Yoder
  - b. Other People Present: Anna Drexler-Dreis, Kayli Foulk, Connor Newman
  
- 2. Changes to the agenda – no changes.**
  
- 3. Approval of Minutes from June 8, 2022**
  - a. *Thom motions to approve the June 8, 2022 minutes, seconded by Buff, unanimously approved.*
  
- 4. Officer elections**
  - a. *Buff motions to retain the current officers (Doug Bellatty – President, Laurie McPhee – Vice President, and Thom Yoder – Treasurer) through 2023, seconded by Laurie, unanimously approved.*
  
- 5. Presentation from Connor Newman (USGS): [Next Generation Water Observing Systems \(NGWOS\), Groundwater Baseflow Study](#)**
  - a. Goal is to quantify groundwater contribution to baseflow across time and space.
  - b. Five stream temperature sensors installed in April 2022.
  - c. Four groundwater wells (temp, SC, WL).
  - d. Initial data indicates transient temperature coupling/decoupling.
  
- 6. Financials**
  - a. Bills to be approved**
    - i. *Doug motions to approve Fountainhead Consulting #332, Fraser Valley Tax and Consulting #3065, and USGS #91004141, seconded by Thom, unanimously approved.*
  - b. Financial statement**
    - i. All dues except Shores (\$2,961) have been collected for 2022.
    - ii. \$53,642 year to date in expenses.
    - iii. 2023 budget planning has started with small increases in JFOC, TU, and Fraser River basin monitoring.
    - iv. *Doug motions to approve the financials as presented, seconded by Kent, unanimously approved.*
  
- 7. USGS 2023 contract**



- a. Kayli discussed River District handling the USGS contract to potentially save EGWQB some funds. Some water providers (JFOC) expressed interest in moving the Fraser River at Tabernash stream gage to River District contract next year.
- b. Kayli discussed this with Tanner who said we would not get any additional price savings with a switch to contracting with River District.
- c. *Thom motions to approve the USGS 2023 contract with EGWQB as presented with a not to exceed expense of \$69,530.00, seconded by Laurie, unanimously approved.*
- d. Kayli will let Tanner (USGS) know we approved the contract.

**8. Decision on JVA Erosion Control Program**

- a. No money will be spent in 2022. We will continue to work on developing a scope of work that includes educational presentations and materials for \$5,000 in 2023.

**9. Other topics – no other topics**

**10. Adjournment at 4:01pm. *Buff motions to adjourn, seconded by Thom, unanimously approved.***

**Meeting Minutes**  
**EAST GRAND WATER QUALITY BOARD**  
**December 14, 2022**  
**Winter Park Town Hall**  
**Hybrid Meeting**

- 1. Call of Order and Roll Call – meeting called to order at 3:02pm**
  - a. Members Present: Doug Bellatty, Buff Borrás, Kent Bosshard, Doug Laraby, Laurie McPhee, Thom Yoder
  - b. Other People Present: Sarah Beck, Josh Broady, Anna Drexler-Dreis, Eric Freels, Kayli Foulk, Curtis Hartenstine, Alexis Kimbrough, Kirk Klancke, C.A. Lane, Brandon Langenhuizen, Madelene McDonald, Kimberly Mihelich, Brian Murphy, Steven Reeves, Amy Sidener, Gerry Vernon, Zach Wehr, Mike Zielke
  
- 2. Changes to the agenda – no changes.**
  
- 3. Presentation from Steven Reeves (CWCB) on “[Wildfire Ready Watersheds](#)”, [click here to view the presentation](#)**
  - a. Legislative directive from SB21-240.
  - b. Framework – a planning tool for communities to adopt what CWCB did and do it locally with more detailed mapping and susceptibility analysis.
  - c. CWCB is putting out a scope of work so communities can ask for grant funding.
  - d. Task 1 – Capacity building, vision, and establishment of goals.
  - e. Task 2 – Stakeholder collaboration, community outreach, and public meetings. BOCC can help organize.
  - f. Task 3 – Data collection, research, review, and gap analysis. Can be done through a core team of the stakeholder group, a consultant, or the county. This task is GIS heavy.
  - g. Task 4 – Post fire hazard analysis. Most of the grant funds go here. USGS will map the hydrologic response for free if asked.
  - h. Task 5 – Susceptibility analysis to pinpoint where the values are susceptible and what hazard is making them susceptible.
  - i. Task 6 – Pre-disaster mitigation activities. Once this is done, different groups can prioritize actions.
  - j. Funding opportunities
    - i. Colorado Watershed Restoration Program
    - ii. American Rescue Plan Act - \$10M available with 25% match requirement (half as cash). Opens January 11 with a rolling deadline. Funds must be contracted within 2 years and then spent within 2 years.
    - iii. Federal Technical Assistance Grants for Colorado Water Projects- \$5M available with no match requirement.
    - iv. State Forest Service awarded \$1M for St. Louis Creek area.
  - k. Focus on Fraser HUC 10.

- l. CDOT rated Hwy 40 as high critically (same rating as Glenwood Canyon), which means we can partner with CDOT for funding and assistance.
  - m. Having county staff oversee the project is not necessary but hugely beneficial. Suggestion for the county to be the grantee and organizer, but this is not a requirement.
  - n. Leave the heavy lifting to the consultant team.
  - o. There is support from people in the room to move forward.
- 4. Approval of Minutes from September 14, 2022**
- a. *Laurie motions to approve the September 14, 2022 minutes, seconded by Buff, unanimously approved.*
- 5. Financials**
- a. **Bills to be approved**
    - i. Fountainhead Consulting invoice #348
    - ii. Grand County sediment monitoring invoice #3565.
    - iii. *Kent motions to approve both bills, seconded by Buff, unanimously approved.*
  - b. **Review and approve draft 2023 budget**
    - i. JFOC and TU should sign a new MOA for 2023.
    - ii. Assuming that Timberline Lodge will be an board member at \$3,271.54 level as a full voting member.
    - iii. *Kent motions to approve the 2023 budget, seconded by Laurie, unanimously approved.*
    - iv. **Renew Fountainhead Consulting 2023 contract**
      1. \$5/hour increase proposed for 2023.
      2. *Buff motions to approve the Fountainhead Consulting 2023 contract, seconded by Kent, unanimously approved.*
    - v. **Erosion Control Program (\$5,000), need to develop scope of work that includes educational presentations and materials**
      1. Will work towards an education presentation and materials in 2023 to help alleviate sedimentation build up around construction sites.
      2. To be discussed at March 8, 2023 EGWQB meeting: approve SOW and get under contract.
- 6. Other topics – no other topics**
- 7. Adjournment at 4:40pm. Buff motions to adjourn, seconded by Laurie, unanimously approved.**