

Meeting Minutes
EAST GRAND WATER QUALITY BOARD
January 14, 2021 at 3 PM
Zoom Meeting

- 1. Call of Order and Roll Call – meeting called to order at 3:03pm**
 - a. Members Present: Sue Avre, Hopper Becker, Doug Bellatty, Kent Bosshard, Brian Canon, Adam Cwiklin, Pat Heggy, Katherine Morris, Thom Yoder
 - b. Other People Present: Anna Drexler-Dreis, Tanner Chapin, Greg Smith
 - c. Quorum established.

- 2. Approval of Minutes from November 12, 2020. Adam motion, Ken seconds, minutes approved with the changes below:**
 - a. Change “10% increase in dues” to “Will discuss the potential for a 10% increase in dues for 2022.”
 - b. Change “Adam Q.” to “Adam C.”

- 3. Presentation on USGS sampling data – [Click here to access the presentation](#)**
 - a. No exceedances for daily maximum or weekly average temperature for Fraser River at Tabernash.
 - b. No exceedances for daily maximum or weekly average temperature for Ranch Creek below Meadow Creek.
 - c. In WY 2020, sampled for discrete water quality data at Vasquez Creek at Winter Park. In WY 2021 – Pole Creek at Mouth. WY 2022 is TBD.
 - d. Total Nitrogen increases at Fraser River below Vasquez in winter of WY 2019. Samples do not show that Vasquez is a source of Nitrogen for Fraser River.
 - e. Nitrate and nitrite human health standard not exceeded at any location.
 - f. Total Phosphorus increases observed at Fraser River below Vasquez in winter of WY 2018 and 2019. St. Louis Creek about Fraser River may be a site of interest for future sampling. Total phosphorus increased between Fraser River below Vasquez and Fraser River at Tabernash.
 - g. Copper concentrations increased between Fraser River below Buck and Fraser River below Vasquez.
 - h. Several Iron exceedances from the Fraser River below Vasquez to Fraser River at Hwy 40.
 - i. Uranium (whole filtered) concentration increased downstream of Moffat Tunnel.
 - j. To do:
 - i. Katherine Morris, Adam Cwiklin, and Hopper Becker will recommend which site should be the next alternating site (to be decided at July EGWQB meeting).
 - ii. Anna will put this presentation on the new EGWQB website.

- 4. Financials**
 - a. **December 31, 2020 financial statement**

- i. Shores of Shadow Mountain (\$1,757.70) will be shown as unpaid.
 - ii. Dues will remain the same in 2021.
 - iii. **Katherine** will share a proposal for twice yearly sediment sampling and emergency aqueous sampling at a future meeting.
 - iv. Current year cash and cash equivalents \$44,215, which is higher than prior year.
- b. Bills to be paid – Thom motion, Brian seconds, approved.**
- i. Colorado Nonprofit Association (\$860) and Day and Associates (\$425 + \$130).
- c. Discussion on dues**
- i. **Thom** will direct Day & Associates to send 201 membership invoices out.
 - ii. Will only increase dues if necessary.
- d. Data storage options**
- i. Doug motions to approve a not to exceed \$120 expenditure for Anna to set up a Dropbox account, Ken seconds, motion passes.
 - ii. **Anna** will start with the free Dropbox account and upgrade if necessary.

5. Review of Bylaws and Mission Statement

- a. **Members** to reread bylaws and suggest edits at a future meeting.

6. Goals for 2021

- a. **Anna** will develop the website: <https://www.co.grand.co.us/1360/11217/East-Grand-Water-Quality-Board>
- b. Engage with County and support for 1041 process and water quality/wastewater agreements. Thom will act as liaison between EGWQB and County.
- c. Engage with Railroad directly or via County.
- d. Revisit dues structure.
- e. Make EGWQB more relevant to membership.

7. Other topics

- a. Discussion on when water and wastewater workers can get COVID vaccines.
- b. Next meeting is April 8, 2021 at 3pm.

8. Adjournment at 4:49pm – Thom motion, Brian second.

Meeting Minutes
EAST GRAND WATER QUALITY BOARD
April 8, 2021 at 3 PM
Zoom Meeting

- 1. Call of Order and Roll Call – meeting called to order at 3:03pm**
 - a. Members Present: Doug Bellatty, Kent Bosshard, Brian Canon, Adam Cwiklin, Pat Heggy, Katherine Morris, Thom Yoder
 - b. Other People Present: Anna Drexler-Dreis, Kayli Foulk
 - c. Quorum established.

- 2. Changes to the agenda – no changes**

- 3. Approval of Minutes from January 14, 2021. *Thom motion, Adam seconds, minutes approved.***

- 4. Financials**
 - a. **March 31, 2021 financial statement, *Brian motions to approve the financials, Thom seconds, motion passes.***
 - i. 2021 membership dues have been sent out.
 - ii. Bills paid in 1st quarter – Fountainhead Consulting \$600, Thom Yoder \$10 for secretary of state filing. *Kent motions to approve the 1st quarter bills, Doug seconds, bills approved with Thom abstaining.*
 - iii. USGS bill expected for 2nd quarter.
 - iv. Anna will include the invoices that are in the financial statement in each board packet.
 - b. **Bills to be paid, *Doug motions to approve the below invoices, Kent seconds, motion passes.***
 - i. Fountainhead Consulting Invoice #248 for \$325.00
 - ii. Day and Associates Invoice #384 for \$577.77
 - c. **Payment process to Anna Drexler-Dreis and update**
 - i. Anna will provide invoices prior to quarterly meetings for approval at the meetings.
 - d. **Discussion on dues**
 - i. Dues were not raised for 2021.

- 5. Union Pacific Railroad Monitoring Proposal, [presentation can be accessed by clicking here](#)**
 - a. To monitor in the event UPRR bypass their industrial wastewater treatment plant and discharge directly into the Fraser River.
 - b. Proposed: Biannual sediment monitoring and emergency aqueous sampling if very polluted flows are reported to Grand County.
 - c. Site Locations
 - i. Fraser River upstream of UPRR discharge

- ii. Fraser River at Moffat/UPRR discharge outfall
 - iii. Fraser River downstream of UPRR discharge
- d. Sediment Sampling would occur at upstream and downstream locations and occur twice annually in fall and spring. Analyze SVOC, PAH, DRO. Katherine and Kayli will collect the samples and if possible, will target an event.
- e. Emergency aqueous sampling would occur at all three locations and occur in the event that Grand County is notified that an unregulated discharge event occurred. Analyze trace metals, SVOC, PAH, DRO.
- f. Cost
 - i. Sediment total = \$1,840
 - ii. Aqueous total = \$2,035.75
 - iii. Proposed cost share with Learning By Doing 50/50. LBD has agreed to this monitoring proposal. EGWQB would pay \$920 for sediment sampling and \$1,018 for emergency aqueous sampling.
- g. Previously \$3,000 was approved for emergency testing. This is an effort to make permanent the emergency testing that EGWQB originally undertook themselves. The 50/50 split is a savings over the previously approved \$3k.
- h. New name – Upper Fraser River Monitoring Proposal.
- i. *Motion by Thom to approve biannual and emergency monitoring program for Upper Fraser River to expend up to \$1,938, second by Adam, motion passes.*

6. MOA with Grand County

- a. Formalizes \$5k/year agreement for the next 3 years (adjusted for cost increase) to monitor for dissolved metals, total metals and metalloids, and non-metals and other. Mercury is sampled separately by the USGS.
- b. The monitoring schedule and parameter date is based on the EGWQB agreement with USGS and will be addressed with the USGS contract.
- c. *Kent motions to execute MOA with Grand County, seconded by Doug, motion passes with Brian abstaining.*

7. USGS contract / sample site locations, [click here to access the sample site locations](#)

- a. Yellow highlights are sites done annually.
- b. Hopper suggested to add another site at Fraser River near mouth with Colorado River.
- c. Another site suggested to add is the Fraser River below St. Louis Creek to address data gap between Vasquez and Tabernash.
- d. New alternating sites: St. Louis Creek above Fraser near mouth, Crooked Creek above Pole Creek, Ranch Creek below Cabin Creek, move Ranch Creek near Fraser to every two years, Tenmile Creek near Granby.
- e. Need to focus on monitoring most important sites annually and the rest every other year as alternating sites.
- f. Can we be more efficient in sampling so USGS comes to Grand County less? For example, adjusting what we are sampling and when?

- g. Next, Kayli will look at the data to see when the best time is to capture the data. Kayli will follow up with Tanner (USGS) to fine tune the sampling schedule.
- h. The mercury testing is low-level mercury testing.
- i. This proposal will continue to be developed.

8. Goals for 2021

a. Revisit dues structure

- i. Thom and Doug will address this by the July meeting and make suggestion for 2022 dues. Drastic changes will be brought to the BOCC.
- ii. Dues structure is necessary when inviting new members.
- iii. EGWQB is allowed to set dues; not allowed to set contracts.
- iv. Kayli can assist as she helped GCWIN with their dues restructure.

b. Website

- i. Anna will continue to manage the website.

c. Engage with County & Railroad

- i. Thom and Doug will engage with the County and report back to the group in July.

9. Adjournment at 4:55pm – Doug motion, Adam second.

Meeting Minutes
EAST GRAND WATER QUALITY BOARD
July 8, 2021
Zoom Meeting

- 1. Call of Order and Roll Call – meeting called to order at 3:02pm**
 - a. Members Present: Sue Avre, Hopper Becker, Doug Bellatty, Kent Bosshard, Brian Canon, Laurie McPhee (new Fairways at Pole Creek representative), Katherine Morris, Matt Nixon (President, Fairways at Pole Creek), Ryan Sole, Thom Yoder
 - b. Other People Present: Anna Drexler-Dreis
 - c. Quorum established.

- 2. Changes to the agenda – no changes.**

- 3. Approval of Minutes from April 8, 2021 (Attachment #1). *Kent motion to approve, Hopper second, minutes approved unanimously.***

- 4. Financials**
 - a. **May 31, 2021 financial statement (Attachment #2), *Kent motion to approve, Hopper second, financials approved unanimously.***
 - b. **Bills to be paid (Attachment #3), *Brian motions to approve, Ken second, bills to be paid approved unanimously.***
 - i. Fountainhead Consulting, Invoice #265 for \$275.00
 - ii. Fraser Valley Tax & Consulting, June 30, 2021 for \$734.00
 - iii. Fraser Valley Tax & Consulting, Invoice #880 for \$620.00
 - iv. USGS, Bill #90890711 for \$16,307.50
 - v. USGS, Bill #90871210 for \$16,307.50
 - c. **Review draft 2022 Budget**
 - i. We can expect a 3-5% cost increase for the USGS monitoring plan. The 2022 budget will be reviewed for approval at the next meeting (September 9) once the USGS monitoring plan is reviewed and approved.

- 5. Goals for 2021**
 - a. **Revisit dues structure**
 - i. Thom has not had a chance to review the dues structure.
 - b. **Engage with County & Railroad**
 - i. Thom reached out to Robert Davis (Grand County Community Development) to engage with the County and grow membership.
 - ii. It is still critical to get the Railroad involved.

- 6. USGS monitoring plan: contract, sample site locations, and budget ([Attachment #5](#))**

- a. Want to establish a plan that is systematic, normalizes monitoring, and allows us to track the costs economically (i.e., consolidate when USGS comes to Grand County).
- b. Goals: (1) to focus on Fraser mainstem for annual monitoring, (2) to focus on major tributaries for biennial monitoring, (3) reduce the number of yearly trips, (4) make the most out of those trips, (5) reduce the amount of nutrient sampling so we can sample more sites per year.
- c. Attachment #5 includes the site list of annual, alternating (even years), alternating (odd years), and monitoring every three years (at Tenmile Creek near Granby, which is above Granby Sanitation). ‘Fraser River near mouth’ site is a new site that is located below Granby Sanitation.
- d. We will plan for a 5% increase in cost due to standard inflation plus the added monitoring site and value added.
- e. Ions that are collected with the metal samples allow for calculation of hardness, which is important for understanding metals in context of the standards.
- f. What has not changed: Budget, number of samples being taken, and parameters.
- g. What has changed:
 - i. All sites besides the two Moffat Tunnel sites will be sampled for nutrients and metals for all site visits.
 - ii. Reduced the amount of annual site visits from 6-7 to 4.
 - iii. Added annual monitoring site at Fraser River at Mouth (confluence with Colorado) to account for a data gap and request from Granby Sanitation.
 - iv. Added annual monitoring site at Fraser River at St. Louis Creek to account for data gap.
 - v. Moved Ranch Creek at Fraser to alternating site rather than annual visit.
 - vi. Previously 9 sites were monitored annually, now monitoring 10 sites annually with a focus on Fraser River mainstem.
 - vii. Previously 2 sites were monitored on an alternating basis, now 3 sites being monitored on even years, 2 sites on odd years, and 1 site every three years.
 - viii. Now monitoring 17 site locations and capturing samples on various months throughout the years, previously we were only monitoring at 12 sites and only accounting for seasonal variability/changes.
- h. Next Steps: Kayli will send this proposed plan to USGS so they can put together a cost estimate and contract, which will be approved at the September 9 meeting.

7. Upper Fraser River Monitoring Proposal

a. Railroad spill event

- i. CDPHE provided Railroad with a notice of violation for “operational negligence.” This is a type of discharge that is not as problematic as the tunnel maintenance activities.
- ii. Katherine talked with Winter Park Water and Sanitation District and did not see anything problematic.

b. Cost share with LBD

- i. LBD and EGWQB has approved, no formal agreement.

8. New Business

- a. In person vs. Zoom meetings: Stay on Zoom until future notice.
- b. Bruce is retiring in February, EGWQB is looking for a Vice-President in 2022.
- c. [USGS water quality summaries for Colorado River basins](#)
- d. **How many districts are considering watering restrictions or have them in place already? [Drought conditions for Grand County](#)**
 - i. Town of Granby: No official restrictions.
 - ii. Tabernash Meadows Water and Sanitation: No restrictions in place.
 - iii. Fairways at Pole Creek: Having discussions on voluntary restrictions.
 - iv. Winter Park Water & San: Has been considered but nothing is in place.

9. Adjournment by 5pm, *Hopper motions to adjourn at 4:22pm, Kent seconds, passes.*

- a. **Next meeting – September 9, 3:30-5pm**
- b. **Quarterly meetings in 2022 will be in March, June, September, and December.**

Meeting Minutes
EAST GRAND WATER QUALITY BOARD
September 9, 2021
Zoom Meeting

- 1. Call of Order and Roll Call – meeting called to order at 3:36pm**
 - a. Members Present: Buff Borrás, Kent Bosshard, Adam Cwiklin, Kayli Foulk, Laurie McPhee, Katherine Morris, Ryan Sole, Thom Yoder
 - b. Other People Present: Anna Drexler-Dreis, Dean Stoughton
 - c. Quorum established.

- 2. Changes to the agenda – no changes.**

- 3. Approval of Minutes from July 8, 2021 (Attachment #1). *Kent motion to approve, Adam second, minutes approved unanimously.***

- 4. Financials**
 - a. **August 31, 2021 financial statement (Attachment #2), *Kent motion to approve, Adam second, financials approved unanimously.***
 - b. **Bills to be paid, *Kent motion to approve, Adam second, bills to be paid approved unanimously.***
 - i. Fountainhead Consulting, Invoice #274 for \$425.00 (Attachment #3)
 - ii. USGS Invoice #90911197 for \$16,307.50 (Attachment #4)
 - iii. Fraser Valley Tax & Consulting Invoice #1137 for \$530.00
 - c. **Review and approve draft 2022 Budget (Attachment #5)**
 - i. The draft 2022 budget will continue to be discussed so we can better understand membership dues, which are projected to increase by 3% to help cover the USGS cost increase.
 - ii. Moffat Tunnel MOU: For 2022 the total is to not exceed \$5,150.00. EGWQB agreed to commit to 50% of that cost (\$2,575.00).
 - iii. EGWQB total is \$23,860.00 for FY 2022 Grand County/USGS cooperative program.
 - iv. Next Steps: Thom and Katherine will continue to work on the budget. Anna will schedule a December special meeting to approve the budget.

- 5. USGS monitoring plan: Review and approve cost estimate and contract (Attachment #6)**
 - a. EGWQB contribution is \$65,537 with USGS contributing \$28,743 for a total program cost of \$94,280.
 - b. We are monitoring at more sites, less frequently. Added a site at the confluence of the Fraser and Colorado rivers to understand what is happening on the entire Fraser River.
 - c. *Kent motion to approve, Adam second, 2022 USGS contract approved unanimously.*

d. Anna will send the contract to Doug Bellatty for signature.

6. Goals for 2021 & 2022

a. Engage with County & Railroad

i. Thom will continue to engage with County & Railroad.

b. New membership?

i. Adam and Thom discussed to engage with Town of Granby to make similar to Town of Fraser or Grand County #1 as they have 2 treatment plants.

c. Dean: Could we monitor the use of aquifers?

i. Tabernash Meadows Water & Sanitation District does some monitoring of wells/aquifers. With all the new development, this may be something we need to take a look at.

ii. We should discuss this more offline with Kayli, Thom, Laurie, and Dean as there may be an opportunity to look at existing data from municipalities.

iii. This may be something the Drought Preparedness Committee takes on.

7. Old Business

a. Need new Vice-President by February 2022

b. 2022 meeting schedule (all on Zoom from 3-5pm)

i. March 9

ii. June 8

iii. Finalization of USGS contract – August

iv. September 14

v. December 14

8. New Business

a. Will have a Special Meeting on December 14, 2021 from 3-4pm to approve the 2022 budget.

9. Adjournment, *Adam motions to adjourn at 4:59pm, Kent seconds, passes.*

Meeting Minutes
EAST GRAND WATER QUALITY BOARD
December 14, 2021
Zoom Meeting

- 1. Call of Order and Roll Call – meeting called to order at 3:03pm**
 - a. Members Present: Hopper Becker, Doug Bellatty, Buff Borrás, Kent Bosshard, Brian Canon, Kayli Foulk, Doug Laraby, Katherine Morris, Thom Yoder
 - b. Other People Present: Anna Drexler-Dreis
 - c. Quorum established.

- 2. Changes to the agenda – no changes.**

- 3. Approval of Minutes from September 9, 2021 (Attachment #1). *Thom motion to approve, Kent second, minutes approved unanimously. Brian and Doug abstain from voting because they were not at the meeting.***

- 4. Financials**
 - a. **Bill to be paid, *Thom motion to approve, Buff second, bill to be paid approved unanimously.***
 - i. Fountainhead Consulting, Invoice #279 for \$425.00 (Attachment #2)
 - b. **Review and approve draft 2022 Budget (Attachment #3), *Brian motion to approve, Hopper second, 2022 budget approved unanimously.***
 - i. 2022 budget shows a 3% increase in membership dues.
 - ii. Accrual basis shows estimated balance carried forward from 2021 of \$55,643.
 - iii. Anna is drafting a MOA with Trout Unlimited and JFOC.
 - iv. Thom will send this budget to Fraser Valley Tax and Consulting.

- 5. Review and approve Fountainhead Consulting 2022 contract (Attachment #4), *Kent motion to approve, Brian second, unanimous.***
 - a. Same rate and scope of services for 2022.

- 6. Adjournment at 3:18pm.**