

**Attendees:**

Alden Vanden Brink - RBWCD	Bailey Franklin – CPW
Dave Kanzer – CO River District	Keith Sauter – BLM
Ken Leib – USGS	Si Woodruff – County
Travis Day – Meeker & Meeker Sanitation	Jocelyn Mullen – Rangely
Lori Martin - CPW	Melynda May - CPW
Steve Anders – USGS	Callie Hendrickson – Facilitator
Keely Winger – Admin	Bob Dorsett – Public
Andrew Skibo – Public	Brian Hodge – Trout Unlimited

**How are decisions made:** Strive for Consensus but if that can't be reached after reasonable amount of time, require a 2/3 vote if necessary (if a situation occurs that consensus appears to be unattainable, the facilitator will ask the group for a timeline as to when a vote will be taken)

**Membership of the decision-making body:**

- Discussion regarding the definition of Vested Stakeholders, public, NGOs: Vested stakeholders include business and Industry, ranches, fishing guides, business owners, etc.
- How can private landowners be represented? The Conservation Districts represent the landowners. Landowners can express their concerns to the representative or attend District Board meetings to express ideas and concerns in addition to attending the Advisory Group meetings.
- Requests to add additional parties: NRCS, BLM, USFS, Trout Unlimited were added because they have local representatives and interests. Parties to be notified as necessary include Army Corp of Engineers, US Fish and Wildlife
- Meetings will be held monthly (for now) with each meeting having time allocated for “public comment” to ensure continued input from all interested parties.

**Scope of the Study: What are the goals and objectives of the group?**

- Study the algae and determine if this something that is getting better or worse and if what we are doing is helping or not.
- What promotes algae growth? (temperature, nutrients, light)
- What impairs growth? (flow, macroinvertebrates, etc.)
- Identify the specific geographical region
  - Starting point: Headwaters of White River (North and South Fork)
  - Stopping point: Town of Rangely @ Green Bridge (inclusive of Kenney Reservoir)
- Identify relations of the multiple types of algae and are they indicative of each other
- Identify all sources
- Specific terms: Understand and control
- Identify land and water use practices that discourage algae growth and improve water quality

**Mission statement**

- To ascertain what is driving the algae growth in the White River to improve the overall health of the watershed.

### Funding Discussion

- \$60,000 USGS/10% WRCD administration fee
  - RBC requesting \$35,000 for 2018 budget
  - Can Towns (Meeker & Rangely) provide \$15,000 each?
- Players at table – TOM, TOR, RBC, RBWCD, Private land owners
- Larger grant opportunities were discussed with short timelines but group determined those would need more detail and are more encompassing than this group is ready to tackle at this time.
- Look into Roundtable Grant opportunities and consider matching funds with additional entities
  - More flexible grant opportunity and funding source to tap into
  - There is a longer timeline and the process is at least 4 months
- River District - There are funds available possibly up to \$15,000
- Trout Unlimited also have a small funding bucket – there is potential
- CPW - In-kind matches, has done a good deal of research up to this point, little funding opportunity. Could continue to do Chlorophyll a monitoring at a few sites
- Leveraging Landowners - Callie Hendrickson and Bailey Franklin will work with landowners

### USGS Recommendations and Estimated Cost

- Literature review and historic data analysis (when, where)
- Continuous monitoring of key factors that help us understand algae growth in the White River (when, why, how)
  - Dissolved Oxygen
  - Temperature
  - Nutrients (SUNA probe and turbidity)
  - Chlorophyll a
- Reconnaissance field sampling (where?)
  - Water Quality, geomorphology, flow regime, algal type and quantity
- 1<sup>st</sup> year - \$60,000
- 3 year process with final report at the end and annual reports each year.

### Next Steps

- Next Meeting: 1 month out (later November)
  - Agenda Items
    - Financing confirmation from all players
    - USGS
      - Data summary/Retrospective
      - Scope of work and outline of project
      - Examples of what has been done in other areas (ex: Piceance Creek)
      - GAP Analysis
    - Mindi (CPW) present her findings on the 2016 Data and what has been compiled in 2017 to date (push her out to December)
    - BLM Tributary data collected in 2017
    - Stakeholder “task” to bring photos and historical
    - Public comment at beginning of meeting

**Parking Lot/Next Steps**

- Callie sending funding contribution breakdown to group
- USGS expand their recommendations and scope of work and include budgetary numbers associated with that scope of work. Better outline provided and refined
- Everyone comes back to the next meeting with what each entity is will/able to contribute to the funding requirements