

Red Bird River Watershed Collaborative Meeting
April 8, 2014 ~ 6:00 PM- 8:00 PM
Meeting Minutes

Location: Big Creek Elementary School, Clay County

In attendance: Claudia Cotton, Tessa Edelen, Lynn Garrison, Earl Hampton, John Hull, Paula Jones, Angie Muncy, Tracy Nolan, Mike Rock, John Schwartz, Brooke Shireman, Roy R. Sizemore, Susan Speraw, Barry Turner, Chad VonGruenigen, Jon Walker, and Stewart West.

AGENDA

1. Opening Comments
2. Introductions
3. *E. coli* Sampling and Analysis, Brooke Shireman, KDOW
4. Update and Overview of Project, Jon Walker, USFS
5. 319 Grant, Claudia Cotton, USFS
6. Overview of Best Management Practices (BMPs), Tessa Edelen, KWA
7. Facilitated Session on Chapter 6
8. Next Meeting and Announcements
9. Adjourn

Opening Comments

Lynn Garrison, facilitator, welcomed participants to meeting and thanked them for attending. He reviewed the agenda.

Introductions

Attendees introduced themselves.

***E. coli* Sampling and Analysis, Brooke Shireman, Kentucky Division of Water (KDOW)**

Brooke discussed the results of the KDOW *E. coli* monitoring of selected sites within the Red Bird River Watershed. The original goal was to collect five samples within a thirty day period during the Primary Contact Recreation (PCR) Season (May-October). Due to weather conditions and the lack of a significant rain event, only three sampling events were completed. KDOW intends to complete a five in thirty sampling event in May 2014. The results will be used to complete an assessment for the *Kentucky Integrated Report to Congress on the Condition of Water Resources in Kentucky*.

She discussed using a combination of the EPA Recovery Potential Screening Tool (RPST) and finer scale data to choose smaller sub-watersheds to focus recovery efforts (such as 14 HUC sub-watersheds, the RCPST uses 12 HUC data).

Kentucky standards for Primary Contact Recreational Waters fecal coliform content *or Escherichia coli* content shall not exceed 200 colonies per 100 ml or 130 colonies per 100 ml respectively as a geometric mean based on not less than five (5) samples taken during a thirty (30) day period. Content also shall not exceed 400 colonies per 100 ml in twenty (20) percent or more of all samples taken during a thirty (30) day period for fecal coliform or 240 colonies per 100 ml for *Escherichia coli*. Some of the sub-watersheds that may be possibilities based on monitoring to date are: Red Bird Creek, Lawson Creek, Phillips Fork, Upper Jacks Creek, and Elk Creek. High *Escherichia coli* readings may indicate sewage problems but may also come from domestic and wild animals.

Update and Overview of Project, Jon Walker, USFS

Jon gave an overview of where we are in the Watershed Planning Process.

319 grant, Claudia Cotton, USFS

Claudia discussed the submission of 319 grant project proposal and application.

Overview of Best Management Practices (BMPs), Tessa Edelen, KWA

Tessa gave an overview of BMPs. A BMP is any management practice designed to reduce pollution in a watershed. BMPs include structural BMPs that require construction, installation, and maintenance; and non-structural BMPs such as changes in activities or behavior.

Facilitated Session on Chapter 6

During the facilitated session several opportunities became evident such as working closely with the Red Bird Mission which already has many programs throughout the project area.

The planning team agreed with the draft for Table 6.7 and were asked to send comments on Table 6.8.

The Red Bird Mission attendees agreed to include the Red Bird Mission in the tables.

Following are comments and questions from the planning team:

- Should we put up signs of risks where water quality does not meet standards?
- KDOW may have signs for posting. Brooke volunteered to check on this.
- Whether to put up signs depends on the community. There should be a balance between warning people of risks but not causing unwarranted fear.
- Claudia volunteered to send a copy of education action items that were included in the 319 grant application.
- Plug into existing events that people attend.

- Examples:
 - Tri-county health fair, July 24
 - Reading Celebration
 - Sporting events
- Make garbage collection mandatory.
- Get materials out to people who do home repairs.
- Provide more information on loans and grants such as USDA Rural Development Loans.
- Put information into packets (door hanging). Red Bird Mission could provide this to the 300 or so applicants for their home repair program.

Next Meeting and Announcements

The watershed team will meet again once the KDOW has collected the *E. coli* data, and they have been incorporated into the plan.

Tessa also told the group about Kentucky River Watershed Watch trainings. If there interested people in the Red Bird Watershed, a specific training can be held in the watershed. See the website: www.krww.org or call Jo Ann Palmer (502) 564-3410 for more information.

Adjourn