

Dry Creek Watershed Planning Team Meeting Notes  
5:00-7:00pm April 10, 2008

Present at meeting: Robin Bauers, Citizen at large; Susan Brown, MSU; Doug Doerrfeld, Citizen at Large; Geoff Gearner, MSU; April Haight, MSU; Lajuanda Haight-Maybriar, Licking River Basin Coordinator; Katie Holmes, KWA; Christi McMichael, MSU; Bob Wells, Rowan County Solid Waste and Flood Plain Coordinator; Sam Williams, Dry Creek Citizen.

**1. Finalize Roundtable Report to Submit to KDOW**

- There were only 5 entities represented at the meeting, and without a quorum the group was unable to finalize the Roundtable Report. The Report is being sent via email for the members to vote on to finalize. Once it is finalized Katie will send it to KDOW.

**2. Present Draft of in Chapter 1 of Watershed-based Plan – goals for plan and stakeholders**

- The group looked over Draft 2 of Chapter 1 of the Watershed-based Plan (WBP), and several suggestions were made. Katie has added these suggestions and changes to the chapter. Some discussion is listed below.
- Changes to and comments on Chapter 1 are due to April by April 18<sup>th</sup>. These changes will be incorporated in the document and a “final” version will be sent to the group for approval by April 25<sup>th</sup>. Voting is due by May 2<sup>nd</sup>.
- There was a discussion on what level the WBP should be written. KWA suggested that the document be on a high school level so that most community members could read and understand it. This would mean that items like nutrients would need to be explained.
- More specifically, the audience will include - KDOW, decision makers, community, copies at the library, etc. Could put the plan as a newspaper insert. KWA website has a page on the project (<http://www.kwalliance.org/WatershedGroupResources/WatershedbasedPlanningProjects/TriplettCreekDryCreekWatershed/tabid/279/Default.aspx>). We could include website in materials. A copy of the plan will be posted on the website. We could see if the Chamber of Commerce, etc will link to the website.
- April thinks we should give a presentation at the Chamber of Commerce luncheon – maybe next spring.
- Doug suggested adding the purpose of the WBP in the introduction.
- Katie explained that the WBP will be draft until the end of the process – we can go back and change anything until the end. Lajuanda added that the WBP should be used as a tool, and then changed as needed, even after the project is done.
- Lajuanda shared with the group that the QAPP (Quality Assurance Project Plan which explains the standards by which sampling will be done) has been approved by the Non-Point Source biologist. This is a great start, but it has to go through a lot more people.

**3. Ask group for ideas on where to collect information needed for Chapter 2**

- The group went through the information that will be included in Chapter 2 and talked about possible sources. Some discussion and the list are below.
- Robin asked about what regulations are for new wells. Lajuanda said that if a new well is installed you have to have a certified driller drill the well. There is no requirement to have the water in your well tested.

- Doug asked how far does water quality data go back – could we show trends? MSU has back to 92 or 98. Not sure how much KDOW has – Lajuanda will look into that. It would likely be the one sample point at the mouth of the creek.
- Geoff asked who is supposed to create the TMDL for impaired waters. Lajuanda said that the state is required to do this. Geoff asked if Triplett or Dry Creeks are on the list to have a TMDL done. In the 319 grant MSU said that they would help KDOW do a TMDL for Triplett Creek. The state was supposed to have TMDLs done, but they don't have enough money, so they use data from WBPs, etc to make the TMDLs. Geoff asked if he could get the established guidelines for creating TMDLs. Lajuanda will look for it. There are no standards for nutrients and sediment.
- Christi said that someone in IRAPP did a housing survey a few years ago. We could look and see if Dry Creek is in that and use this for the demographics section – could be GIS layers.

## Chapter 2 Watershed Plan Outline

### 2. Watershed Inventory

#### A. General watershed description

##### Introduction

- the name of the waterway of concern;
- the larger waterway it is tributary to;
- its location within Kentucky (counties and communities);
- its area in square miles; and
- a general impression of the natural and human landscape.

##### 1) Water Resources

- a) Watershed Boundary – map - Christi
- b) Hydrology
  - Stream or drainage network
  - High/low gradient – Lajuanda will ask how KDOW determines this. Christi could determine average slope.
  - Stream Flow -- April
  - Climate and Precipitation -- April
- c) Groundwater-Surface Interaction
  - Karst – have map – Steve thought map overstated karst
  - If your watershed includes karst, attach a map of this.
- d) Flooding -- April
  - Flooding Problems – Talk to area residents.
  - Attach a Floodplain Map – have maps. Christi will work on overlaying maps. Bob - From 1983. FEMA will be updating in 2 years. Christi thinks there is GIS data online to download. If not, Lajuanda can look on KDOW portal.
- e) Water Supply
  - Water Users – Christi will get it through KDOW. April stated there are no water withdrawals in the creek. Only a horse that drinks from a pond. Not even livestock that drink from the creek.
- f) Watershed Management Activities

- i. Source Water Protection Plans – N/A, Wellhead Protection Program N/A, Groundwater Protection Plans N/A (But ask about these at Groundwater – Jo Blanset – Lajuanda will call her. Wells might be mapped if there are any.
- ii. Past and Current Watershed Plans N/A
- iii. Wastewater Authorities MUPB – ask for plans.
- iv. Agricultural Water Quality Plans – Conservation District – Curtis, or Bob Marsh might know. Farms over 10 acres are required to have one - this would include logging. Doug asked what % of KY farms file? Would need to check with the Conservation District.
- v. Special Land Use Planning – ordinances in process of being developed. April has contacted the Judge’s office – the subdivision ordinances still has to go through the city attorney – it will go to Bob once it is done. Floodplain Construction is in this category as well.

- g) Regulatory Status of Waterways – have all this.
  - i. Designated Uses
  - ii. Impairment Status
  - iii. Special Use Waters -- NA
  - iv. TMDL Report -- NA
- h) Water Quality Data – have that data
  - Summary of available water quality data
    - i. Biology - April
    - ii. Geomorphology -- Steve
    - iii. Water Quality Data Gaps – this is in QAPP.

## 2) Natural Features of the Watershed

- a) Geology and Topography – Christi has
  - b) Soils – Christi has
  - c) Riparian Ecosystem
  - d) Fauna – if there are any endangered species. Can look on Nature Preserves website. Maddox might be able to help with that info
- Attach soil and topographic maps.

## 3) Human Activities Affecting Water Resource Quality

- a) Point Sources
  - i. Municipal, Industrial, Wastewater Dischargers – KPDES online
  - ii. Storm Water Dischargers – listed with KPDES permits
  - iii. Combined Sewers Systems and Overflows and Municipal Storm Separate Sewer Systems – Bob doesn’t think there is an overflow. Bob will check with Danny. Lajuanda thinks there might be SSO, but not CSO.
- b) Non-Point Sources
  - i. Land Use
    - In addition to your narrative, provide a map showing your waterway and the primary land uses on your watershed.
  - ii. Impervious Surfaces – Christi will get map

- iii. Unsewered Areas – **bad septics. Talk to health Department.**
- 4) Demographics and Social Issues – **suggestion - look at change over 3 census periods. Mention land ownership – USFS. Try to obtain data by zip code to target the Dry Creek Watershed instead of the entire county.**

**B. Plan for collecting more data – Summarize QAPP**

**C. Summary and conclusions**

- 1) Problems of the watershed
- 2) Healthy streams and healthy areas of your watershed
- 3) Areas and streams with challenges

Draft of Chapter 2 will be sent out by May 19<sup>th</sup>. April will need comments by June 2<sup>nd</sup>, so an updated version can be sent to the group before the next meeting.

**The next Watershed Planning Team Meeting will be June 12<sup>th</sup> from 5-7pm.**

**Voting Record, via email after the meeting to accept Roundtable Report:**

**All voting yes:**

Bob Wells  
Jon Walker  
Robin Bauers  
Doug Doerrfeld  
Bob Marsh  
Randy Williams  
Christi McMichael  
Geoff Gearner  
Billy Winkleman  
Lajuanda Haight-Maybriar  
Chris Minor  
Mary Black  
Steve Reid

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