

MINUTES

McClure River TMDL

Technical Advisory Committee (TAC) Meeting

WHEN: October 4, 2016; 6:00-8:00pm

WHERE: McClure Kiwanis Building

Intersection of State Route 63 and State Route 773

McClure, VA 24269

ATTENDEES:

David Yates, Dickenson County Board of Supervisors

Glenn Graham, Lonesome Pine SWCD

Keith Deel, Virginia Department of Health

Rene Fleming, McClure River Restoration Project; Lonesome Pine SWCD

Carol ?, McClure citizen

Martha Chapman, Virginia Department of Environmental Quality

Stephanie Kreps, Virginia Department of Environmental Quality

Craig Lott, Virginia Department of Environmental Quality

Martha Chapman facilitated the meeting beginning with introductions, background information, and defining the meeting goals as:

- 1) Review the source assessment data for the McClure River TMDL for likelihood and accuracy

Martha presented the TMDL development project progress to the Technical Advisory Committee, TAC. She presented the source assessment numbers for livestock, failing septic systems, straight pipes, and wildlife. The following feedback was provided by the TAC:

- Revise the number of straight pipes and potential failing septic systems in the area.
- Increase the number of dogs (2) and cats (1) per average household.
- Remove poultry from the list since there's not a significant number in area.
- Add coyotes to wildlife assessment with estimate of 334 (0.00607 animal/acre x 55,093 acres)
- Increase number of turkeys to 5.4/sq mile
- Decrease number of muskrats to 25/stream mile
- Only account for beavers from Freemont up (not from Freemont to Dante)- subtract out stream miles from Fremont to Haysi
- Raccoon numbers correct.
- Bear estimated at 78 (0.00141 animal/acre x 55,093 acres)

- Trout are running upstream from Russell Fork up to dam in Clincho.
- Useful to include TMDL down to the Russell Fork.

Craig presented the Draft Flow and Load Duration curves from the McClure River at river mile 0.20 and 7.46. He discussed the importance of precipitation, flow, and bacteria monitoring over a range of flow regimes. The presentation included an interpretation of potential sources which could be evaluated based on which flow regimes the observed water quality standard violations occurred.

Craig also presented several options to end the TMDL at the extent of the impaired segment at River Mile 3.87. The TAC expressed concern that several homes (five or more) still have straight pipes in Road Branch, in Haysi, just above the confluence of the McClure River with the Russell Fork River. Additionally, there was some concern that the lack of enough flow and bacteria monitoring (six events at or below base flow conditions only) at the lower station (River Mile 0.20), may have missed moderate or higher flow related bacteria WQS violations as observed upstream. The TAC had consensus in recommending that the TMDL be evaluated based on the greater flow and monitoring data from monitoring station 7.46, and used to determine the TMDL extended down to include the mouth of the McClure River confluences with the Russell Fork River. Someone mentioned the convenience store gas station which has a straight pipe to the mainstem.

The meeting concluded with discussion about when to have the upcoming final meeting and a schedule for finishing the project by the end of the year. A mention of next steps possible to develop an Implementation Plan (IP) and possible funding sources for various projects was described.