



**AGRICULTURAL WATER QUALITY MANAGEMENT PROGRAM
AGRICULTURAL WATER QUALITY MANAGEMENT AREA
BIENNIAL REVIEW SUMMARY REPORT TO THE BOA & DIRECTOR
SUBMITTED BY THE LOCAL ADVISORY COMMITTEE**

Management Area: Crooked River
Meeting Date(s): April 4, 2016, May 11, 2016
LAC Members Present: James Eisner, Greg Bedortha (Chair), Lawrence Weberg, John Morgan, Mylen Bohle, Lee Dunn, Trent Smith, and Bill Sigman
Focus Area Progress Measurement: The Dry River Canyon Focus Area Action Plan has been developed to show progress in the Crooked River Watershed. The goal of the Focus Area is to reduce the tailwater cfs entering the Crooked River. The Crook SWCD plans to work with COID and landowners with irrigation water flowing into the canyon and the Lower Crooked River. Crook County SWCD started contacting landowners in 2013 and working with CRWC and COID to flow data. To date, there had been two grant applications submitted for technical assistance and both were recommended not to fund. COID hired an engineer to develop a design, which along with the flow data, will be used to apply for a spring grant.
<p>Basin-wide Actions/Implementation Summary:</p> <p><i>Outreach and Education:</i></p> <ul style="list-style-type: none"> • Crook County SWCD holds an annual landowner workshop every February in Paulina. Average attendance is 75 to 80 with presentations on a variety of subjects. The last two years included presentations on sage-grouse CCAA program, riparian grazing, noxious weeds, improving soil, and water quality management plan <ul style="list-style-type: none"> ○ Other workshops included a 2014 workshop in Powell Butte and 2015 workshop in Prineville ○ In September 2015, there was a workshop and tour on treating juniper with herbicide and new bacteria developed to fight annual grasses with 75 in attendance • In 2015, the county, school district, and natural resource agencies partnered to hold a 3-day educational event for all Crook County elementary students called River Keepers • Each year Crook County SWCD supports the Crooked River Weed management at the Crook County fair with time and information at the weed wagon • In 2015, Crook County SWCD launched their website providing information to landowners on programs, events, and projects • In June 2015, BLM held a Riparian Grazing Management class in which 74 attended the three-day event <p><i>Planning and Projects:</i></p> <ul style="list-style-type: none"> • Over the past two years, 106 landowners were provided with technical assistance; 116 site visits, and 23 restoration grants applied for • 34 water quality projects were implemented affecting over 3,000 acres • Since June 2013, landowners have enrolled over 2,500 acres into CREP; fenced more than 22,000 feet of critical riparian areas; and planted over 13,000 trees within those riparian corridors <p><i>Monitoring:</i></p> <ul style="list-style-type: none"> • Pre/Post monitoring completed for all OWEB small and restoration grants <p><i>Funding and Grants:</i></p> <ul style="list-style-type: none"> • Local Government Support \$35,000 • Small Grant Funding \$119,680 • Large OWEB Restoration Grants \$664,120 • ODA Technical Support \$100,000 • OWEB TA Grants \$50,000 • Federal Grant Funding \$20,000 • PGE Pelton Fund \$98,000
<p>Summary of Impediments:</p> <ul style="list-style-type: none"> • No funding to implement monitoring requested by State agencies • State water quality standards are not appropriate for the Crooked River Management Area; therefore, it is challenging to meet the water quality standards • Due to litigation regarding the Spotted Frog, current ODA Focus Area partners had to put their funding/focus to address concerns related to the Spotted Frog - pulling resources out of the ODA Focus Area • Current monitoring methods do not tell the story that agriculture is doing its part in improving water quality standards outside of the ODA Focus Area • DEQ should add additional ambient water quality sampling sites within the Management Area
<p>Recommendations for Modifications:</p> <ul style="list-style-type: none"> • The Area Plan was modified to include the new chapter format, milestones, timelines, and water quality status and trend summary • Funding is needed to implement the monitoring strategy • Chapter Format needs to better tell the story that agriculture is improving water quality standards

DEQ Recommendations:

- Address groundwater specific actions in Chapter 3 and 4
- Address drinking water sources in the Area Plan
- Define specific goals, objectives, or milestones for tracking progress or identify how progress will be measured
- General management lack substantive goals, objectives, milestones, or metrics
- Develop more specific implementation actions in the Plan as part of biennial review and in following iterations of this Plan
- Add a detailed description of monitoring needs and a comprehensive monitoring strategy (including the identification of necessary partnerships)

Compliance: *Letter of Compliance -1* *Water Quality Advisory -0* *Letter of Warning -2*
 Notice of Noncompliance -0 *Civil Penalty -0* *Alternative Measures -0*

Total Complaints/Notifications/Self Initiation: 2

Notes: One case resulted in a letter of compliance. The other case is still open with follow-up in the fall 2016.