

Denver Water: Upper South Platte River SWAP: Priorities and Best Management Practices
PHASE ONE: Identification and Feasibility Research
AGRICULTURE

| Priority Issue | Best Management Practices | Follow-up What/Who | Timeline | Estimated Cost(s) | Funding Sources | Move to PHASE TWO |
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| <p>Agriculture and Ranching Practices Presenters: John Woodward Central Colorado Cattlemen’s Association http://www.upersouthplatte.org/pdf/Water%20Quality%20Woodward.pdf</p> <p>Steve Ryder: CO. Dept. of Ag. http://www.upersouthplatte.org/pdf/CUSP_Feb2014.pdf</p> <p>Ben Berlinger: USDA/NRCS</p> | <p>Outreach & Education</p> <ul style="list-style-type: none"> • Demonstrate the economic benefits of BMP’s to ranchers • “Private” fishing options have a financial benefit that encourages water quality standards • Landowners who lease land need to be educated about BMP’s • Public Land Owners, Water Providers who lease land – work with a collaborative, consistent approach to identify sensitive areas– long term approach to address source water. Adhere to a management plan or lose lease –greatest impact. • Better understand the impacts of hobby ranching • Camp Rocky http://www.coloradoacd.org/camp-rocky.html • Ranch Tour August 2014 | | | | | |

http://www.upersouthplatte.org/pdf/CUSP_Grazing%20Principles_2-14-2014.pdf

Grazing/watering practices

- Rotational grazing/Deferred
- Keep livestock upland
- Relocate salt/protein/supplemental feed away from natural water sources
- Fence off riparian areas/provide water away from riparian areas
- Improve forage in upland areas
- Water Crossings:
 - Create hardened stream crossings
 - Place rocks/obstacles on stream banks
- Gated pipe systems
- Solar pumps for clean tanks

Invasive species

- Identify and map
- Understand water consumption and soil erosion issues
- Understand unintended consequences of practices e.g., fire retardant spraying

Funding

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/eqip/>

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