

North Fork Payette River Watershed Summit

Historical Lessons Learned

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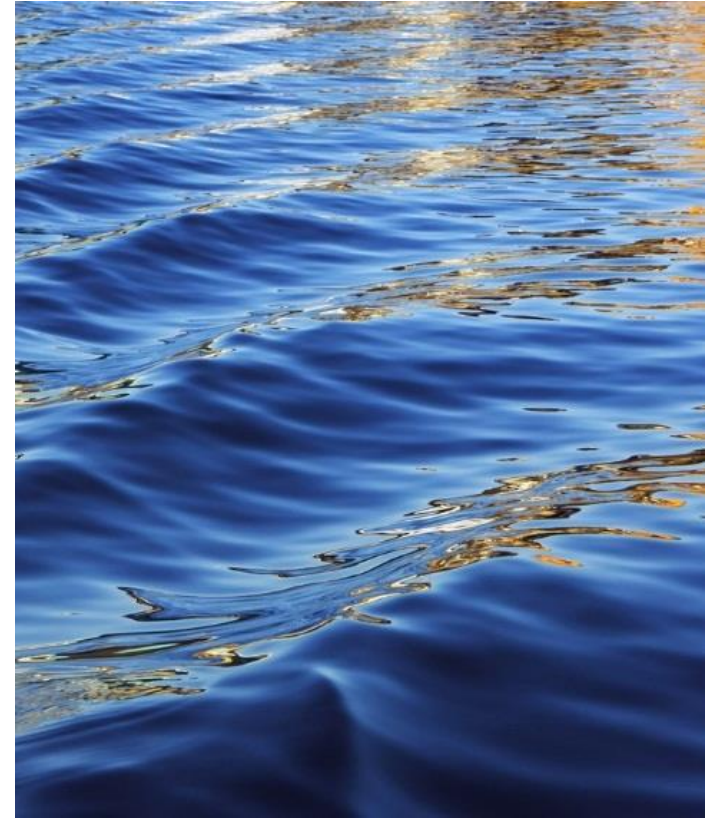
Efforts in the 1990's and early 2000's

- City of McCall
 - Wastewater storage
 - Land application - J-Ditch project
- North Lake Sewer and Water District improvements
 - Service area expansions
 - Modern treatment facility
 - Land Application and Filtration basins
- Best Management Practices identified and ranked
 - Conversion to sprinkler irrigation
 - Pump back projects
 - Fencing of riparian areas and buffers
 - Stock water development



So What Works ?

Some principles with a history of success.





2020 Export Timothy Hay North of Gold Fork River

Incentive based BMP's

- Prioritize BMP's
- Voluntary participation is vital
- Cost share percentage must motivate participation on private land.
- Access Multiple Funding sources
 - Individuals
 - Cities
 - County
 - State
 - Federal
 - BOR
 - BPA
- Seek Dedicated Funding Source
 - Ongoing
 - Multi year commitment



2019 Oats south of Gold Fork River

Some Observations:

- Just the way it is:
 - Background levels of Phosphorus
 - Soil characteristics
 - Spring Runoff
- There are things we can do and changes we can make.
- Law of diminishing returns is in play.
- Agriculture and Forest production are beneficial by removing nutrients.
- We must be mindful of balancing the economic needs of various industries and businesses with water quality improvement efforts.



High P Reduction Opportunities

- Stilling basins or Impoundments
 - Large Scale
 - Lake Fork Creek
 - Gold Fork River
 - Payette River
 - Small Scale
 - Private ponds
- Summer run-off pump backs
 - Boulder Creek
 - Mud Creek
 - Willow Creek
- Converting to Sprinkler Irrigation
- Fencing livestock off Lake
 - Develop stock water locations
 - Reasonable setback (Buffer)
- The new 4,828 is causing additional erosion
- Explore alternatives to summertime flow augmentation drawdown

2020 Russet Burbank Seed Potatoes South of Gold Fork River



Collaboration is Key

- Identify and invite all Stakeholders
 - Private
 - Public
 - Utilities
- Competing interests can work successfully together, if there is a common goal.
- Work towards an attitude of - Yes, if...

2019 Organic Oats for human consumption North of Gold Fork River



Thank you for the opportunity to present today.

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