









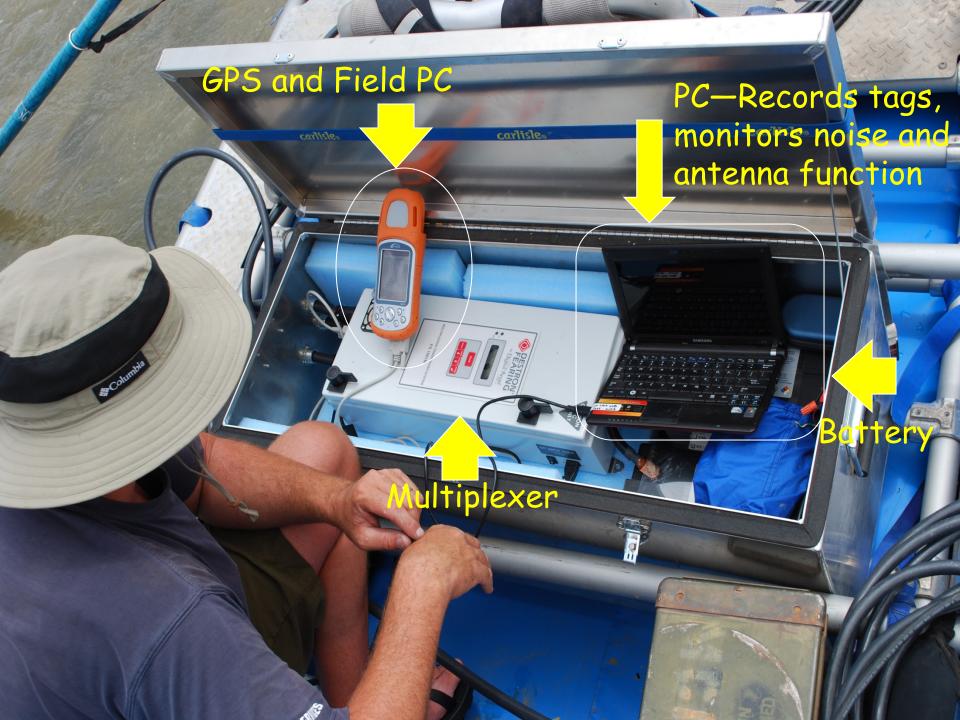
- Capture history
- Location
- Known tag
- Biological data (length, weight, condition)

- Labor intensive
- Expensive
- Unknown future









FLOATING PIT TAG ANTENNA DETECTION SYSTEM





- Portable
- Float over fish
- Location
- Date, Time

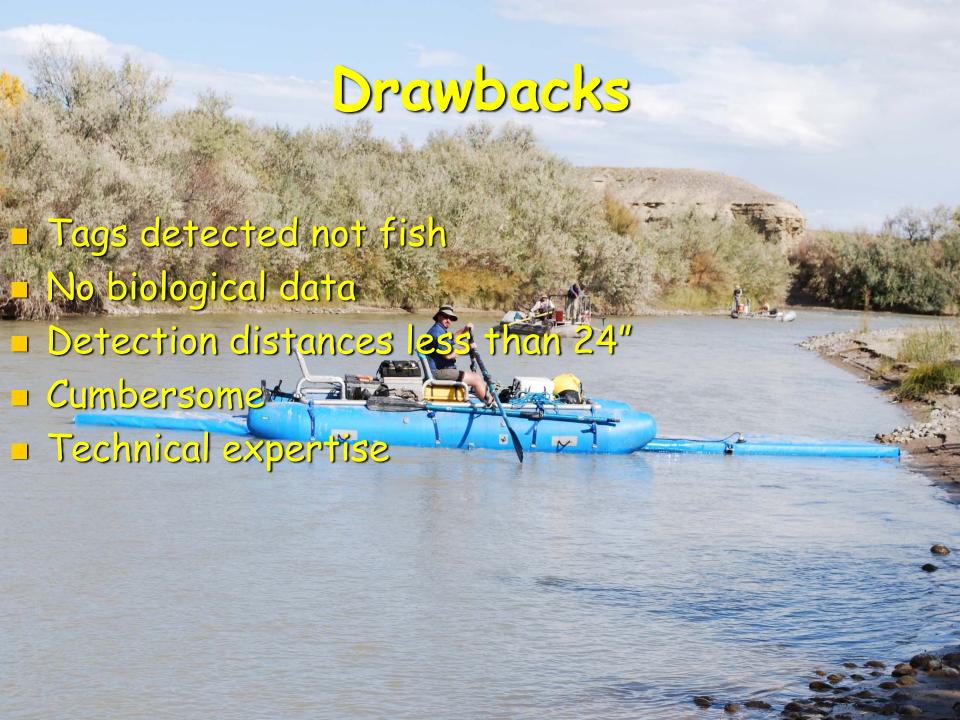


Results

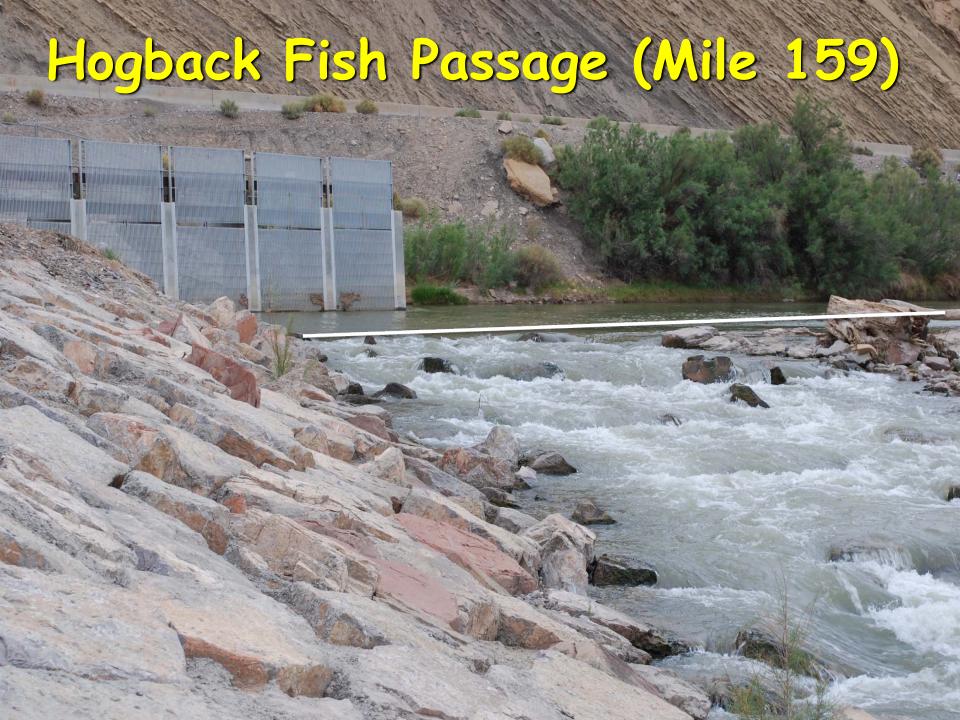
- July 2010
- 1 day, 5 miles, 600 cfs
- 7 tags
- 2 antennas working
- Interference with aluminum frame

- October 2010
- 2 days, 20 miles,500 cfs
- 75 tags
- ~25 tags in tributary
- 3 antennas working
- No interference with frame

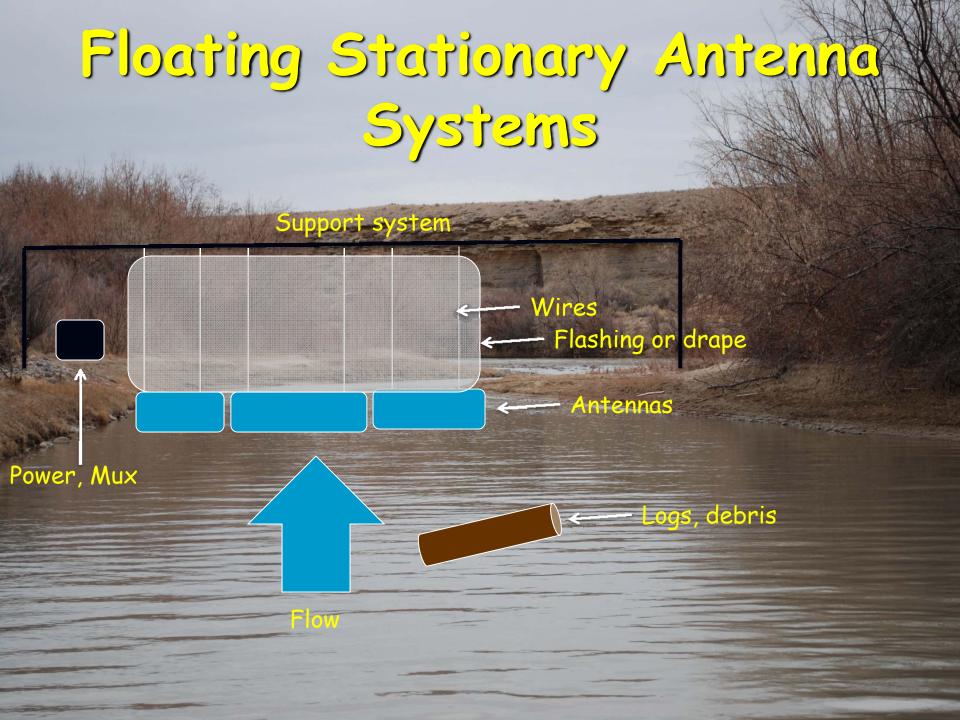












Acknowledgments and Partners

- San Juan Recovery Implementation Program
- ·Bureau of Reclamation Science and Technology Program
- Technology Program
 Jack's Plastic Welding
- · Jason Davis
- · Darek Elverud
- · U.S. Fish and Wildlife Service
- Patent pending