



Development of Water Quality Standards for Willard Spur

Science Panel Selections

Willard Spur Steering
Committee

June 23, 2011



Science Panel Selections

- **Science Panel Composition**
 - Technical disciplines
- **Other Considerations**
 - Peer Review
 - Compensation
 - Scholarship, i.e., publication rights
- **Review Candidates**
- **Make selections**





Science Panel Composition

- **Jeff Ostermiller/DWQ – chair**
- **5 - 7 members to start with**
 - Can be expanded later if needed
- **Wanted one member to represent EPA and their national efforts on nutrients/wetlands/estuaries**
- **Identified 4 disciplines**





Science Panel Composition

Technical Disciplines

1. Wetlands ecologist – 2-3
2. Wildlife biologist
3. Aquatic ecologist - bioassessment methods
4. Hydrology/WQ modeling





Other Considerations

- **Peer Review**
 - Will utilize outside experts to review workplans and deliverables as needed
 - Could leverage some Science Panel nominees for this role





Other Considerations

- **Compensation**
 - DWQ will pay travel costs per State of Utah stipend
 - Compensation for time determined on a case by case basis
 - Will likely depend upon level of time commitment required



Other Considerations

- **Scholarship**

- Lead authorship of publications will lie with Principal Investigator (PI)
 - *Should PI serve on the Science Panel?*
 - *Want to maintain separation between Science Panel and work*
- Science Panel members should be acknowledged and/or be co-authors depending upon specific contribution to publication





Wetlands Ecologists

- **Bonnie Baxter, PhD – Westminster**
- **Karin Kettinring, PhD – USU**
- **Jim Hagy, PhD - EPA**
- **Theron Miller, PhD – JRFBWQC**
- **Benjamin Parkhurst, PhD – HAF, Inc.**





Wildlife Biologist

- **John Cavitt, PhD – Weber State**
- **Chris Cline – USFWS**
- **John Luft – UDNR, DWR**





Bioassessment Methods

- **Chuck Hawkins, PhD – USU**
- **Ryan King, PhD – Baylor University**
- **Jeff Ostermiller - DWQ**





Hydrology/WQ Modeling

- David Tarboton, PhD – USU

Great Salt Lake Ecosystem

- Wally Gwynn, PhD – UGS, retired





Selections needed

- **Wetlands ecologists (2)**
 - Jim Hagy, EPA and ?
- **Wildlife biologist**
- **Bioassessment methods**
- **Hydrology/WQ modeling**

