



Development of Water Quality Standards for Willard Spur

Willard Spur Science Panel

April 5, 2012



Introductions

- **Newest Science Panel member**
 - Chris Cline/USFWS

- **Science Panel**
 - Chris Cline
 - Jim Hagy
 - John Luft
 - Theron Miller
 - Jeff Ostermiller
 - David Tarboton





Today's Objectives

- Review progress to date
- Review program objective
- What do we need to accomplish to achieve objective? Are we on track?
- Success
 - *Consensus on Path Forward*





Agenda

- **Update**
- **Review Work Completed**
- **Discussion**
 - Measures of Condition
 - Evaluating impacts from POTW
- **2012 Sampling Plan**
- **Update on Nutrient Cycling Study**



Update on New POTW Outfall Location

- Construction permits have been issued
- Resolving last ROW issues
- Construction expected to be complete in June





Update on Database

- **Forwarded a link to the database to the Science Panel**
- **Still completing QC and data validation**
- **Please send comments/suggestions to Jeff DenBleyker**





Update on 2012 Sampling Plan

- **Draft Sampling Plan is complete**
- **In review at DWQ**
- **Largely the same as 2011, will discuss today**
- **Meeting next week to discuss logistics**





Update on Contracts

- **DWQ is processing contracts**
- **Will review with Water Quality Board on April 18**
 - USGS – flow monitoring
 - Karin Kettenring – vegetation
 - Larry Gray – macroinvertebrates
 - John Cavitt – birds
 - Wayne Wurtsbaugh – fish
 - UofU – nutrient cycling study
 - CH2M HILL – project management

