



# WILLARD SPUR SCIENCE PANEL MEETING (JULY 9, 2014)

**Date:** Wednesday, July 9, 2014  
**Meeting time:** 8:30am – 3:30pm MDT  
**Location:** Great Salt Lake East Room, 3rd Floor, UDEQ Building  
 195 North 1950 West, Salt Lake City, Utah

## MEETING AGENDA

- 1. Welcome and review of goals for meeting 8:30am
  - a. Confirm key observations from technical studies
  - b. Refine recommendations to Steering Committee

### What are the impacts from the Plant?

- 2. Summary of Observed Changes in Willard Spur 8:45am
  - a. How important is hydrology?
  - b. Are conditions created by impounded condition satisfactory?
  - c. How do current nutrient loads impact Willard Spur?
- 3. Summary of Possible Impacts from the Plant 9:15am
  - a. What role do evaporation/infiltration play in effluent reaching the open water?
  - b. How might natural uptake reduce nutrient loads?

- 4. Break 10:00am

### How do we protect Willard Spur?

- 5. Regulatory tools 10:15am
  - a. Numeric water quality criteria
    - i. Are they appropriate for Willard Spur?
  - b. Reclassify beneficial uses
    - i. What will be required?
  - c. Develop narrative bio-criteria
    - i. What are the key characteristics that we want to maintain?
    - ii. What are the key characteristics that we want to prevent?

- 6. Working Lunch 12:00pm

- 7. Recommendations for Actions 12:30pm
  - a. Long-term monitoring strategy
    - i. What are the key objectives?
  - b. Complete BRMBR habitat/water management plan
    - i. How can available water be used to improve water quality within the Refuge and Willard Spur?
  - c. Maintain phosphorus removal at the Plant
    - i. What does this entail in terms of cost and effort? City's opinion?
  - d. Seasonal land application of effluent
    - i. What is required in terms of existing UPDES permit? Can the existing permit be amended with the additional discharge location/
    - ii. Are any controls, sampling, and further coordination required?

- 8. Path Forward 3:00pm

- 9. Adjourn 3:30pm