



# Development of Water Quality Standards for Willard Spur

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## Willard Spur Science Panel

July 19, 2012



# Today's Objective

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- **Is our work still on track to meeting our program objective?**
  - *What water quality standards are fully protective of the beneficial uses of Willard Spur as they relate to the proposed POTW discharge?*





# Agenda & Goals

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- 1. Review progress to date**
- 2. Review differences between 2011 & 2012**
- 3. Update on nutrient cycling study**
- 4. Consider how work will translate to solutions**





# Update on Special Studies

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1. Hydrology Study
2. Site-wide Intensive Sampling Event
3. Sonde Deployment
4. Nutrient Uptake Capacity of Willard Bay channel – postponed until 2013
5. Macroinvertebrates
6. Nutrient Assimilation in Harold Crane WMA
7. Fish Sampling Study





# Update on Literature Reviews

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- **Contracts in place!**
  - Karin Kettenring – vegetation
  - Larry Gray – macroinvertebrates
  - John Cavitt – birds
  - Utah Div of Wildlife Resources – fish

