

**Utah Lake Water Quality Study  
Science Panel Meeting #2a**

**Wednesday, August 8  
1:00 p.m. – 6:00 p.m.**

*Central Utah Water Conservancy District – Main Office  
355 West University Parkway, Orem, UT  
<https://resolv.adobeconnect.com/pdemorgan/>*

**Objectives:**

- *Discuss revised Science Panel Operating Principles and role of Science Panel in ULWQS process;*
- *Review high-level questions and efforts to develop list of sub questions;*
- *Assess initial literature review results and discuss ability to answer sub questions;*
- *Learn about efforts to develop water quality models and discuss implications for the ULWQS;*
- *Confirm final sub-questions to share with Steering Committee; and*
- *Set context for joint meeting with Steering Committee.*

1:00 – 1:15     Welcome and Agenda Review

- Introductions
- Review the agenda and ground rules

1:15 – 1:35     Operating Principles and Role of Science Panel in ULWQS

- Brief overview of revised SP Operating Principles – *Scott Daly, UDWQ*
- Discussion of implications of revisions on role of SP in ULWQS
- Science Panel Chair role and responsibilities

1:35 – 2:15     High-level Questions and Sub-Questions

- Review high-level questions and the work done regarding sub-question development
- Identify additional sub-questions as needed

2:15 – 3:30     Utah Lake Water Quality Model Development

- Introduction to efforts to develop the WASP and EFDC with focus on model calibration and sensitivity analyses – *Dr. Michael Barber, University of Utah and Nick Von Stackelberg, UDWQ*
- Questions and discussion of implications for the ULWQS
  - What is the goal of the model applications relative to the study?
  - What specific questions can the models address and is the existing framework adequate for that purpose?

3:30 – 3:45     **Break**

3:45 – 4:30     Literature Review

- Brief overview of initial literature review results (document shared in advance)
- Initial reactions and discussion

- 4:30 – 5:15 Ability of Existing Studies' and Data to Answer Sub-Questions
- Initiate assessment of existing studies' (e.g., literature review; Phase One report) ability to answer sub-questions
  - Discuss role of data compiled in Phase One to answer sub-questions
- 5:15 – 5:45 Preparations for Engagement with Steering Committee
- Confirm what to present to Steering Committee and what is needed from them to proceed (and who to present)
    - High-level and sub-questions
    - Model development
    - Literature review results and how research relates to answering sub-questions
    - Next steps
- 5:45 – 5:55 Public Comment
- Members of the public will be given an opportunity to comment on the Utah Lake Water Quality Study efforts. The amount of time given to each individual will depend on the number of people wishing to provide comment. Additional comments can be submitted in writing to the Division of Water Quality.*
- 5:55 – 6:00 Wrap-up
- Confirm action items and agenda for day two
- 6:00 **Adjourn**

**Utah Lake Water Quality Study  
Science Panel Meeting #2b**

**Thursday, August 9  
1:00 p.m. – 4:30 p.m.**

*Central Utah Water Conservancy District – Treatment Plant  
1120 East Cascade Drive, Orem, UT  
<https://resolv.adobeconnect.com/pdemorgan/>*

**Objectives:**

- *Reflect on Steering Committee direction;*
- *Initiate efforts to develop conceptual map;*
- *Initiate efforts to identify gaps in knowledge and research that will be needed; and*
- *Identify next steps for Overarching Project Research Plan development.*

- 1:00 – 1:05     Agenda Review
- Introductions, agenda review, and meeting ground rules – *Paul De Morgan, RESOLVE*
- 1:05 – 1:45     Reflections on Steering Committee Direction
- Revisit sub-questions in response to Steering Committee feedback as needed
  - Assess any other implications of SC/SP discussions
- 1:45 – 2:45     Conceptual Mapping
- Review conceptual maps presented in literature review
  - Identify steps needed to develop a comprehensive conceptual map(s) of nutrient linkages to beneficial uses
- 2:45 – 3:00     **Break**
- 3:00 – 4:00     Gap Analysis
- Initiate efforts to identify gaps in knowledge and research that will be needed
    - Discuss how to utilize literature review results, Phase One data, and models
    - Discuss studies underway/planned that might assist in filling gaps
  - Identify gaps that need to be answered and are ready for study plan development
- 4:00 – 4:20     Identify Steps Toward Overarching Project Research Plan Development
- Discuss timeline for proceeding
  - Confirm steps needed to begin developing study plans
- 4:20 – 4:25     Public Involvement
- Members of the public will be given an opportunity to comment on the Utah Lake Water Quality Study efforts. The amount of time given to each individual will depend on the number of people wishing to provide comment. Additional comments can be submitted in writing to the Division of Water Quality.*

4:25 – 4:30     Wrap-up

- Confirm action items and schedule

4:30            **Adjourn**