

**Utah Lake Water Quality Study  
Science Panel Call #6  
Summary  
December 5, 2018**

This document includes a list of future meetings, action items, and a brief summary of the discussions. Please review the action item list for tasks assigned to you and/or the Steering Committee in general. A list of attendees can be found at the end of the document.

Upcoming Meeting/Call	When & Where	Suggested Agenda Items
TBD		○

### I. Action Items

Meeting Summaries	Who	Due Date	Date Completed
1. Share draft Meeting Summary	Facilitation Team	December 10	December 10
2. Review and share comments on summary	SP	December 17	
3. Finalize summary and post to Dropbox	Facilitation Team	December 18	
Data and Information Sharing	Who	Due Date	Date Completed
4. Finalize Modeling Memo and send to U of U team	Scott D./Mitch H.	December 7	December 7
5. Share the final version of the Phase 1 Report	DWQ	December 10	December 10
6. Send Working Content document to Tetra Tech	Scott D.	December 10	December 10
7. Send official notification of the Technical Consultant decision to the SP and SC	DWQ	December 12	
8. Share Tetra Tech Work Plan with Science Panel	Tetra Tech/Scott D.	December 12	
9. Share paleo study (Brahney et al.) Work Plan	Janice B./ Facilitation Team	December 14	
10. Develop and share a ULWQS funding overview document	DWQ	TBD	

11. Share updated Utah Lake dataset (DWQ + WFWQC)	DWQ/WFWQC	TBD	
12. Draft and share memo summarizing results of the headwaters criteria development specific to the Utah Lake watershed	Jeff O., DWQ	TBD	

## II. Meeting Recording

A recording of the meeting (also available on the DWQ website in the near future) can be found at the following link: <http://resolv.adobeconnect.com/pgc2r9rwmz6a/>. Please use the video scroll bar along the bottom of the recording window to find the appropriate time in the webinar recording for the session you would like to watch. There are bookmarks in the 'Events Index' on the left side of the screen identifying each session.

## III. Key Points of Discussion

### Welcome and Agenda Review

Meeting Facilitator Paul De Morgan, RESOLVE, welcomed everyone to the call and introduced himself and the Facilitation Team (Paul De Morgan, RESOLVE and Dave Epstein, SWCA). He went over the list of individuals participating in the call and explained some of the functionality of Adobe Connect for those not familiar with the web-meeting platform.

### Science Panel and Technical Consultant Introductions

Mr. De Morgan invited each of the members of the Science Panel to introduce themselves and to provide a short description of their technical expertise. Similarly, Mr. De Morgan asked for each of the representatives of Tetra Tech to introduce themselves, describe their technical expertise, and their role on the Technical Consultant team.

Scott Daly, UDWQ, briefly described the Technical Consultant proposal review process and the selection of Tetra Tech by UDWQ based on the evaluation committee assessment (the independent members of the Science Panel provided some input on the technical approach of each proposal but did not make a formal recommendation).

### Technical Consultant Tasks: Overview and Approach

Mike Paul, Tetra Tech, provided an overview of the Work Plan that Tetra Tech is developing and the various Work Plan elements. He explained the connections between the various elements of the Work Plan and described the deliverables associated with each element. Mr. Paul presented a schematic that depicts how the various elements work together to complete the scope of work. In an attempt to address concerns regarding the timing of the completion of the Technical Consultant Work Plan and the research studies to be initiated as part of the ULWQS, Mr. Paul suggested that Tetra Tech may develop an Exploratory Research Plan that would set the stage for certain research studies to begin prior to summer, 2019.

### Technical Consultant Tasks: Science Panel Considerations

Mr. Daly explained that the immediate next step is for Tetra Tech and UDWQ to develop a draft Work Plan document to be circulated for feedback from the Science Panel. As soon as the Work Plan is finalized, Tetra Tech can begin their work right away. Members of the Science Panel expressed their interest in and approval of the Exploratory Research Plan concept.

### Modeling Efforts

Mr. Daly provided an overview of the comments received from a couple of Science Panel members on the memo that was drafted to summarize the reactions of the Science Panel to the University of Utah (U of U) modeling efforts. He explained that with Science Panel chair Mitch Hogsett, he incorporated these comments into the updated version of the memo shared prior to the call. The Science Panel agreed the memo is ready to be sent to the U of U team.

## **IV. Public Comments**

Dan Potts introduced himself as a long-time angler (40 yr food fisherman) on Utah Lake: From my perspective the one thing about Utah Lake that stands out is that it is large and exposed and that wind plays such a large factor on turbidity and sediment suspension. It takes a very long time for sediments to settle out. I want to make sure that the long time it takes for the sediments to settle out is accounted for/reflected in the model.

Janice Brahney (via the Adobe Connect chatbox): Hi Dan, in addition to collaborating with Steve (and Sam), we are also collaborating with Peter Leavitt.

David Richards (via the Adobe Connect chatbox): Length of ice cover is extremely important in algal blooms the following year.

## **V. Participation**

### **Meeting Participants (Name, Organization)**

#### **Members of the Science Panel:**

- Janice Brahney, Utah State University
- Mike Brett, University of Washington
- Greg Carling, Brigham Young University
- Mitch Hogsett, Forsgren Associates
- James Martin, Mississippi State University
- Hans Paerl, University of North Carolina
- Theron Miller, Wasatch Front Water Quality Council

#### **Technical Consultant (Tetra Tech) Staff:**

- Kevin Kratt
- Michael Paul

**Members of the Public:**

- Eric Ellis, Co-Chair, Utah Lake Water Quality Study
- Renn Lambert
- David Richards
- Dan Potts

**Utah Division of Water Quality Staff Present:**

- Scott Daly
- Erica Gaddis, Co-Chair, Utah Lake Water Quality Study
- Jodi Gardberg
- James Harris

**Facilitation Team:**

- Paul De Morgan, RESOLVE
- Dave Epstein, SWCA