

**Utah Lake Water Quality Study
Steering Committee Meeting #5
Meeting Summary
September 6, 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	TBD	○ Updates on ongoing efforts

I. Action Items

Meeting Summaries	Who	Due Date	Date Completed
1. Share draft Meeting Summary	Facilitation Team	September 17	September 17
2. Review and share comments on summary	SC	September 24	September 24
3. Finalize summary and post to Dropbox	Facilitation Team	September 25	September 25
Charge (SC to SP) Document	Who	Due Date	Date Completed
4. Update the Charge document and distribute to the SC and SP	Facilitation Team	September 12	September 12
Data and Information Sharing	Who	Due Date	Date Completed
5. Send email to the SC regarding public engagement and specific requests for input	DWQ	TBD	September 18
SC and SP Operating Principles	Who	Due Date	Date Completed
6. Update SP Operating Principles and distribute the new version to SC and SP	Co-chairs/ Facilitation Team	September 12	September 12
7. Update SC Operating Principles and distribute the new version	Co-chairs/ Facilitation Team	September 12	September 12

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/prw938z2ge4x/>. 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 meeting and invited the co-chairs to make opening comments. Eric Ellis, ULWQS Steering Committee Co-Chair, welcomed everyone to the meeting and expressed his appreciation for the time and energy that the Steering Committee has put into the study. Mr. Ellis recognized that the Steering Committee have been working hard towards establishing goals and key questions and indicated he is pleased with the progress made thus far. Alternate co-chair Jim Harris, Utah Division of Water Quality (DWQ), expressed his agreement with Mr. Ellis' comments.

Each of the Steering Committee members then introduced themselves. Following introductions, Mr. De Morgan went over the agenda and the documents that had been shared in advance. He mentioned that the Facilitation Team finalized the Assessment Report in March but never provided printed copies to the group. He asked if the members of the Steering Committee felt that they needed to receive a printed copy or if they were okay relying on the digital copy that had been emailed and saved to Dropbox. All members of the Steering Committee responded that they were okay with the digital copy and therefore Mr. De Morgan indicated he would remove the Assessment Report from the binder Table of Contents.

Science Panel Tasks and Operating Principles

Scott Daly, DWQ, introduced the SP Operating Principles document and specifically the tasks the Science Panel are being asked to complete as part of the ULWQS. He explained that the Science Panel initially had questions about the level of effort and involvement required of them based on the initial version of the tasks. Mr. Daly pointed out that the updated Operating Principles includes additional support for the Science Panel in the form of a technical consultant. Several questions and comments from members of the Steering Committee regarding some of the specific language in the tasks led to some discussion and proposed edits to the document. Specifically, the Steering Committee agreed that the language used to describe the purpose of the ULWQS should be modified for consistency with the language used in the Charge document. Additionally, the Steering Committee agreed that the tasks should be modified to state that the Science Panel would be asked to provide independent peer review of no more than 3 reports "as approved by the Steering Committee." Mr. De Morgan made some of these updates to the document in real-time and an action item was created to share an updated version of the Operating Principles with the Steering Committee and the Science Panel that included modifications to the purpose of the Science Panel.

Mr. De Morgan went over additional edits made to the Science Panel Operating Principles since the Steering Committee had last seen the document. Several questions and comments were made by members of the Steering Committee. The main points of discussion included the definition of the term

“affiliation” and the specifics of state of Utah procurement rules, and the specific use of the name Scott Daly as the DWQ staff liaison to the Science Panel. The Steering Committee agreed that the state code that defines “procurement” should be referenced in the document. The Facilitation Team committed to making this edit and others (per Steering Committee discussion) to the Science Panel Operating Principles based on unanimous support from the Steering Committee.

Charge to Science Panel: High-level Questions and Sub-questions

Mr. De Morgan went over the Initial Charge document that had not been covered by Mr. Daly earlier in the meeting. He clarified that a clean version of the document had been shared due to the numerous changes that have been made since the August 9 meeting when the Steering Committee last saw the document. The Steering Committee agreed with the modifications to the high-level questions # 1 and #2 and associated sub-questions. The group then raised a number of questions related to high-level question #3 and the sub-questions – specifically why they were included at this stage and whether the specific sub-questions were necessary at this point. The Steering Committee went to break and the Facilitation Team and the co-Chairs worked to revise the Charge based on the comments of the Steering Committee. Following the break, the co-chairs proposed moving some of the high-level question #3 sub-questions (related to warm water aquatic life, waterfowl, shorebirds, and water-oriented wildlife) up to high-level question #2, reworking high-level question #3 to focus more broadly on additional information needed (as opposed to only studies), and removing the other sub-questions. The Steering Committee agreed with these changes. The group also confirmed the importance of leaving in the “future high-level question” in the document, recognizing the Science Panel would not be working to address it initially. The Steering Committee then unanimously approve the updated version of the charge and an action item was created to share the updated version with the Steering Committee and the Science Panel.

ULWQS Public Engagement Plan

Christine Osborne, DWQ, provided a brief overview of the draft public engagement plan shared the previous Friday and solicited feedback from the members of the Steering Committee on how they envision themselves participating in getting information about the ULWQS out to their constituents. Additionally, she expressed that it would be helpful for the public engagement team to understand who the target audiences of the individual Steering Committee members are. Further, she solicited volunteers from the Steering Committee to participate in a committee to talk through the public engagement messaging and to provide input to the templates for message sharing. No members of the Steering Committee volunteered to participate at this point. Mr. De Morgan requested that Ms. Osborne draft an email to the Steering Committee summarizing her questions along with the request for participation in the smaller committee. Additionally, Mr. De Morgan requested that a timeline, possibly around 6 months, for the proposed public engagement activities be included. Ms. Osborne stated that she would follow up on her presentation with an email to the Steering Committee.

Schedule Moving Forward and Activities

Mr. Daly briefly went over DWQ’s efforts aimed at providing support to the Science Panel to help them complete their scope of work. He explained that DWQ is attempting to complete some of the analyses identified by the Science Panel in-house but is working to hire a technical consultant by early November to support the Science Panel.

Steering Committee Operating Principles

Mr. De Morgan went over a couple of edits (minor) that had been made to the Steering Committee Operating Principles to capture agreements made by the Steering Committee during their August 9 meeting. Based on unanimous support for the edits by the Steering Committee, Mr. De Morgan committed to sending out an updating version of the document as an action item following the meeting.

Request for Information (RFI) for Lake/Marina Treatment for Harmful Algae Blooms

Jim Harris, ULWQS Steering Committee Co-Chair alternate, explained that DWQ has received many requests to evaluate the use of chemicals to treat algae in Utah Lake. Mr. Harris explained that DWQ is working with the State Division of Purchasing, and other parties, to explore the development of an RFI to explore the process and understand what needs to be evaluated in considering chemical products for treatment. He explained that the Utah Lake Commission could possibly be the entity that develops the RFI and that members of the Steering Committee could get involved if they desire. Mr. De Morgan clarified that at this point the aim is simply to make the Steering Committee aware of what is going on; there is not an expectation that the Steering Committee will play a role in the RFI although there is opportunity for members of the Steering Committee to get involved. If any members are interested in more information they were asked to reach out to either Mr. Harris or Mr. Ellis.

IV. Public Comments

Four written comments were received by Richard Mickelson which will be scanned and distributed to the Steering Committee along with this meeting summary.

V. Participation

Meeting Participants (Name, Organization)

Members of the Steering Committee:

- David Barlow, Timpanogos Special Service District – POTW
- Eric Ellis, Utah Lake Commission – Co-Chair
- Jason Garrett, Utah County Health Department – Public Health
- Jim Harris, Utah Division of Water Quality – Co-Chair (Alternate to Erica Gaddis)
- Jon Hilbert, Jordan Valley Water Conservancy District – Agriculture/Water Rights/Water Users (Alternate to Jesse Stewart)
- Heidi Hoven, National Audubon Society – Conservation and Environment
- Chris Keleher, Utah Department of Natural Resources – Recreation, Fishing and Sovereign Lands
- Jay Montgomery, Utah County Stormwater Association – Stormwater
- Jay Olsen, Utah Department of Agriculture and Food – Agriculture
- Cory Pierce, Spanish Fork Public Works – Municipal (Alternate to Gary Calder)
- Dennis Shiozawa, Brigham Young University – Academia
- Garrett Smith, Utah Water Ski Association – Recreation
- Brad Stapley, Springville City – Municipal
- Neal Winterton, City of Orem – Municipal
- Mike Rau, Central Utah Water Conservancy District – Water Management of Utah Lake

Alternate Members of the Steering Committee:

- Laura Ault, Utah Division of Forestry, Fire and State Lands - Recreation, Fishing and Sovereign Lands
- David Land, Timpanogos Special Service District – POTW

Members of the Public:

- Rebecca Andrus (Adobe Connect)
- Mike Fitzsimmons (Adobe Connect)
- Tina Laidlaw (Adobe Connect)
- Mike Mills
- Richard Mickelson
- David Richards
- John Wolfe (Adobe Connect)

Utah Division of Water Quality Staff Present:

- Carl Adams
- Scott Daly

Facilitation Team:

- Paul De Morgan, RESOLVE
- Dave Epstein, SWCA