

APPROVED



**TECHNICAL COMMITTEE MEETING**  
Wednesday, June 9, 2020, 10:00 AM  
Electronic meeting via Zoom

**ATTENDEES:**

Reed Price, Orem  
Eric Ellis, Utah Lake Commission  
Sullivan Love, Vineyard  
Mike Rau, CUWCD  
Morgan Faulkner, FFSL  
Russ Franklin, JSRIP  
Sarah Carroll, Saratoga Springs  
Anders Bake, Lindon  
Josh Holt, State Parks  
Jake Nostrom, Springville  
Jesse Stewart, Utah Water Users

**VISITORS:**

Sam Braegger, Utah Lake Commission  
Justine Marshall, Vineyard  
Jordan Loy, Loy Fisheries  
Bryce Jackson, Spanish Fork  
Mike Clark, Spanish Fork  
Soren Simonsen, JRC

**ABSENT:** Alpine, American Fork, Cedar Hills, DWR Aquatics, DWR Habitat, Highland, Lehi, Payson, Provo, Salem, Spanish Fork, Utah County, Woodland Hills

1 **1. Welcome and introductions**

2 Chair Scott Daly called the meeting to order at 10:07 AM. Everyone introduced themselves.  
3

4 **2. Review and approve minutes from the February 17, 2021 meeting**

- 5 A. Chair Daly asked for a motion to approve the February 17, 2021 minutes. Mike Rau made a motion to approve  
6 the minutes. Sullivan Love seconded. Voting was unanimous in favor of approving the minutes.  
7

8 **3. Low Impact Development Presentation – Spanish Fork City, Mike Clark**

- 9 A. Mike introduced himself. Spanish Fork has been working on low impact development since 2014. He gave some  
10 background on stormwater pre-development vs. typical post-development (without low impact development).  
11 He then explained how low impact development uses various ways to keep water where it lands when it rains  
12 instead of running off via a piped system to a water body. DEQ has a guide to low impact development, detailing  
13 various methods. In 2014, Spanish Fork City tested xeriscape SWALE LID, converting a typical park strip. Installing  
14 filtering equipment underneath rock in the park strip, curb cuts to allow gutter water to enter the system and  
15 enter the ground water. Some lessons learned: curb cuts allowed build up of sediment in system, original

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1 vegetation planted was high maintenance and gathered a lot of debris, underground water storage functioned  
2 well and water percolated well. There are other types of LID equipment that Spanish Fork is testing out as well,  
3 including some that are buried at development, and covered in grass and no one would even know they are  
4 there. He also showed a video mockup showing how one could be installed under a paved parking area. Another  
5 option is a storm chambers, aka UIC well, another form of filtering and percolation technology, buried at initial  
6 development. The city reduced the width of their roads, which does cause traffic issues at times, but provides  
7 more area for park strip to use in stormwater low impact development. They also make use of areas that won't  
8 developed, i.e. low-land vegetated areas. Utah City Engineers Association reviewed available technologies for  
9 LID and compiled a guide and standards for those interested. Mike also covered how the city handles  
10 maintenance on these LID projects. He also covered adjustments to the city's stormwater master plan to  
11 accommodate LID: LID helps reduce size of pipe and regional basins, they planned for a 25 year storm, etc. Areas  
12 where LID is infeasible: high groundwater, low percolation, high erosivity or hillside development. The city  
13 requires long term stormwater management plans for any business coming that they are required to abide by.  
14

15 **4. Progress on lake related projects – Eric Ellis**

- 16 A. Saratoga Springs Amanda Lane Trail project (Sarah Carroll): project was halted, scheduled to start work in July,  
17 still expected to finish by targeted end date of October 15<sup>th</sup>. They needed drier soil conditions.  
18 B. News/updates on the three TTAB projects: No update on the Saratoga marina project at the moment, ULC staff  
19 to meet with the city soon on this topic. AF is the furthest out, 2023, no update currently. Sullivan added for  
20 Vineyard that they are hiring a landscape designer specialized in beach design. The city is working with  
21 developers to make a master plan for the beach. Eric added a thanks to the city for allowing the Commission to  
22 be a part of that review process.  
23

24 **5. Utah Lake Water Quality Study – Scott Daly, DWQ**

- 25 A. Scott shared updates on the study. New facilitation team has begun well. Scott reviewed the charges to the  
26 Science Panel for those present and the timeline of the overall project; headed into implementation planning  
27 currently. The water quality management goals are managed for three purposes at Utah Lake: aquatic life,  
28 recreation and agriculture. Work on the Numeric Nutrient Criteria Framework, a document describes the  
29 approaches for assessing the empirical data that is collected, existing water quality computer models,  
30 considering uncertainty and other factors and making determinations, is under review with the Steering  
31 Committee currently and should be completed in the coming weeks. Scott shared a few updates on the research  
32 currently being done, i.e. bioassay, sediment budgets, etc. Some upcoming initiatives: an interim assessment of  
33 charge questions by the Science Panel, a recreation survey, scenario development and implementation planning  
34 for the Steering Committee. Brief discussion on asking survey takers questions linking potential desired  
35 outcomes with the potential associated costs.  
36

37 **6. June Sucker Program Updates – Russ Franklin**

- 38 A. Russ reported that this year was a very good year for June Sucker spawning. He cautioned that although it looks  
39 good, things can change year to year, they had better detection equipment this year, etc. Provo River reported  
40 just over 4,200 individual suckers. Hobble Creek had just over 100 unique individuals.  
41 B. Carp removal is seeking to maintain the reduced population. They are implementing smaller mesh sizes in their  
42 nets, to remove more juvenile fish. The year appears to be a decent removal year, but it is still early in the year.  
43 C. Provo River delta project is moving along. Drought does help the excavation process, reducing water content in  
44 the soil. The Mitigation Commission is doing regular site tours; open to anyone who wants to learn more.  
45 Phragmites and other invasive weeds are an ongoing issue. They are doing targeted removal tactics, to protect  
46 the desirable vegetation that has already been planted.  
47 D. Northern pike telemetry study is moving forward. Procuring submersible underwater receivers to track the  
48 tagged pike. This summer is estimated time to start work.  
49

1 **7. ULC Director's updates on Utah Lake issues, projects, and priorities**

2 A. Eric Ellis:

- 3 i. Lake Level:
- 4 ii. Walkara Way Project: moving ahead. RFP is at FFSL for final review. First RFP will cover design,  
5 easements, permits, fencing and trail design, engineering work, etc.
- 6 iii. Cleanup at Lincoln Point: Utah Valley Chamber of Commerce on July 13<sup>th</sup>; litter cleanup and trimming  
7 vegetation around access areas.
- 8 iv. Unimproved Access Enhancements: locations currently being considered for submission for DWR habitat  
9 improvement grants: Lincoln Point, Mosida, Mill Race and Swede Lane or Mulberry Beach.
- 10 v. Phragmites Work: on schedule. Sufficient funding this year to treat entire shoreline. Funding secured to  
11 purchase a third Marsh master, to ensure two are always working while one can be  
12 maintained/repaired.
- 13 vi. 2021 Legislation impacting Utah Lake: Eric summarized the \$9.8M that will be spent in several ways at  
14 Utah Lake this fiscal year. RFPs are being reviewed and finalized soon. Marina enhancements, shoreline  
15 remediation, algae remediation, etc. Utah Lake Authority draft bill is being reviewed by several water  
16 user task force committees. It will be revisited in the upcoming 2022 legislative session.
- 17 vii. 2021 Utah Lake Regatta had the most participants ever. The Commission sponsored it and donated a  
18 prize. The event was a success.
- 19

20 **8. Communications – Sam Braegger**

- 21 A. Life Jacket Loaner program working towards a launch. Lots of life jackets donated, agreements are almost all  
22 finalized to build stations. Wilkinsons Trophy is doing a commemorative plaque. Commission working to find  
23 partners for station materials and construction.
- 24 B. Utah Lake Scavenger Hunt running right now. Fun and educational way to get to know the lake. Thanks to  
25 partners. 150+ mission to choose from to complete for points into a raffle for prizes.
- 26 C. Commission website migrating from UtahLakeCommission.org to UtahLake.org. Thanks to Saratoga Springs  
27 Owners Association for partnering to transition that domain to our agency.
- 28 D. Outreach videos – we are working on several ideas, did a video of the sailing regatta. Hope to have more soon.
- 29

30 **9. Round Table updates from Committee and Public**

- 31 A. No comments.
- 32

33 **10. Confirm next meeting time**

34 The next meeting is scheduled for August 11, 2021 at 10:00 AM.

35

36 **11. Adjourn.**

37 The meeting was adjourned at 11:40 AM.