

Approved



TECHNICAL COMMITTEE MEETING
Wednesday, September 19, 2018, 9:30 AM
Utah Lake State Park Visitor's Center
4400 W Center St., Provo, Utah 84601

ATTENDEES:

Reed Price, Chair, Orem
Eric Ellis, Utah Lake Commission
Sullivan Love, Vineyard
Sarah Carroll, Saratoga Springs
Cory Pierce, Spanish Fork
Scott Daly, Vice Chair, DWQ
Juan Garrido, Springville
Mike Rau, CUWCD
Mike Mills, JSRIP
Dale Fonken, DWR (Aquatics)

Ben Stireman, FFSL

VISITORS:

Randy Zollinger, Jacobs
David Barlow, TSSD
Dee Chamberlain, SS HOA
Elliott Mott, UO/BCC/R&T/JRC
Sam Braegger, Utah Lake Commission

ABSENT: Alpine, American Fork, Cedar Hills, DNR, Highland, Lehi, Lindon, Payson, Provo, Salem, Utah County, DWR (habitat), Utah Water Users, Woodland Hills

1 **1. Welcome and introductions**

2 Chair Reed Price called the meeting to order at 9:33 AM. Everyone introduced themselves.
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4 **2. Review and approve minutes from the July 18, 2018 meeting**

- 5 A. Chair Price asked for a motion to approve the July 18, 2018 minutes. Ben Stireman made a motion to approve
6 the minutes. Sullivan Love seconded the motion. Voting was unanimous in favor of approving the minutes.
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8 **3. Remaining 2018 Meeting Schedule**

- 9 A. The last 2018 meeting will be on November 14th. The first four meetings in 2019 will be on Jan 16th, Mar 20th,
10 May 15th, and July 17th. Everyone agreed on the schedule.
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12 **4. ULC Director's updates on Utah Lake issues, projects, and priorities**

- 13 A. Eric Ellis:
14 i. Lake level: 5.5 feet below full now. It is fairly inaccessible to recreation.

- 1 ii. Lincoln Beach Property Acquisition and potential enhancement: For years, there have been issues to the
2 north and northwest of the Lincoln Beach county park and marina, due to recreation users crossing onto
3 private land. Utah County recently acquired all of that land on Lincoln Point and plans to improve it and
4 add it to the Lincoln Beach park and marina. They've suggested a year-round restroom, etc. Ben
5 Stireman commented about recreation users reaching out to FFSL for help in the situation as well.
- 6 iii. Fourth Grade Field Trips: 7 schools will be attending, it will be a full schedule. This time around, the city
7 of Saratoga Springs is doing a tour of the new pump house facility and teaching the kids about why it
8 was created and how it works.
- 9 iv. Utah Lake Shoreline Trail – Progress/Planning:
- 10 i. RTCA- Brandon will be working with us for another year, due to current time restraints on his
11 part.
- 12 ii. Vineyard-Orem- Gaining traction. UDOT is supportive of the project, as it would connect into
13 one of the Frontrunner stations. Eric explained that Vineyard city's application to MAG for
14 funding of this project was ranked just barely below the approved projects. They will apply again
15 next year, because MAG grants are on a 5 year funding cycle. There's also a landowner on the
16 north end of Powell Slough interested in turning their land into a public/private partnership,
17 allowing grazing, providing a trail easement through the property, etc.
- 18 iii. Rail Trail- there is a rail line that goes around the south side of the lake that may be a light rail
19 50+ years down the road but for now is unused and is an ideal location for a trail in the
20 meantime. We will be working with UTA and other partners to see if it could be used as a trail
21 alignment.
- 22 v. Research Funding Discussion (Legislative Appropriation): Eric summarized what the funding is for, as it
23 has been discussed at several previous meetings.
- 24 i. RFI for Algae Bloom Treatments- partnered with DWQ, an RFT will be sent out asking for the
25 marketing pitch and scientific data to back it up from all the firms and businesses who are telling
26 us they have a treatment solution. This would be compiled for a literature review, allowing for
27 preparation ahead of time so that if/when there is political willpower and funding is there, we
28 could say we have done the research and have the best available solution ready. Some
29 discussion amongst the group as to the logistics of treating, why it hasn't happened yet.
- 30 vi. Marsh Master Schedule – Mowing: They will be arriving November, beginning to use them end of
31 December or start of January with a goal of using them year-round. The priority area will be the 4,300
32 acres we chemically treated this year. In addition, we are looking into using grazing management on
33 other portions of the lake. The Marsh Masters would mow off the old vegetation, allowing the new
34 green vegetation to be eaten. The Commission and County are willing to partner with cities to utilize
35 these machines in their areas, outside of the lake shoreline, if there is a need. Discussion on the group as
36 to the funding of operating these machines on an annual basis.
- 37 vii. Vineyard Beach Front Cleanup / improvements: Sam summarized the Commission's meeting with
38 Vineyard City and FFSL. He reviewed how the 2017 Earth Day cleanup went in Vineyard, and the plans
39 Vineyard has for the shoreline for this coming spring. Trash cleanup, putting stairs/ramp in to descend
40 from their city trail to the shoreline, improving trails, vegetation removal and planting, etc. Ben Stireman
41 added that FFSL likes to partner with city's wanting to do improvement projects along the lake shore,
42 just as they did with Vineyard. Discussion about removal of Russian olives along the shoreline and the
43 FFSL project to put in a trail along part of the Saratoga Springs shoreline.
- 44 viii. Permanent Signage for Algae on Utah Lake: Eric summarized the signage process, what is included on
45 the signage to educate and inform lake users about algae. An image of what the signs will look like was
46 shown via the projector. The signs will be put at 8 popular locations around the lake. Discussion in the
47 group about the signs, their locations, etc.

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49 **5. Water Quality Study; Steering Committee Structure – Scott Daly - Updates**

- 1 A. Scott reported on the status of the algae bloom. He summarized the progression of the bloom over the summer,
2 the sampling that was taken and locations effected. Brief discussion about what a warning level advisory means.
3 DWQ had funds for dedicated staff to do the sampling around the state this summer. We paused Scott's section
4 to look at an image Eric found of the new HAB signs that are going in. Dale Fonken mentioned that DWR sent off
5 some carp to the EPA for studying the effects of the algae.
- 6 B. Scott reported on the status of the Utah Lake Water Quality Study. The Steering Committee has been working
7 on the high-level charge document, their directive to the Science Panel to investigate to help the Steering
8 Committee make some decisions about the lake. He explained what those questions include, and the conditions
9 they would be evaluating. He described some of the past research that has been done and how it is being
10 included in the process. One of the goals of the study is to develop a framework for evaluating nutrient levels in
11 a lake and their affects. He finished by describing what some of the next steps will be. Some discussion in the
12 group of how the study will evaluate what level of occurrence of HABS will be acceptable. There was also
13 discussion about the recent efforts to compile a master list of all inflows into Utah Lake.

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15 **6. JSRIP Update – Mike Mills**

- 16 A. Mike reported that maintaining flows in the Provo River and Hobble Creek of late has been difficult, due to lack
17 of precipitation. Right now, JSRIP can keep flows in those two tributaries for 19 more days and then they will be
18 out of water. Whether the river will run dry depends on irrigation season and how soon that will wrap up.
19 Discussion over this issue and its effect on the June Sucker Recovery Implementation Program's efforts. They
20 have saved up water rights, but have been delving deep into their savings.
- 21 B. Carp removal has gone well this year. Every September, they calculate the year's removal. They are at 2.33
22 million pounds in the last twelve months, which is fairly good. The new maintenance removal target will be 1
23 million pounds a year. Provo River Delta Restoration project is moving forward, the 4th property was acquired,
24 leaving one final parcel needed to be purchased. They have entered into a contract with Provo City, a firm is
25 being contracted to develop a park design for right off of Lakeshore Dr. Design should be done in spring,
26 construction should be able to start after that, on the parcels purchased, while still waiting for the final
27 purchase.

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29 **7. General comments from the committee members and the public**

- 30 A. Juan Garrido says he is working with a few property owners, Springville City and Utah County to establish a
31 channel crossing under the freeway. He said he and others are meeting with Erica Gaddis with DWQ next week
32 to discuss a joint project between several cities and the county involving storm water.
- 33 B. Sarah Carroll asked what the lake levels are at, Eric provided it. Sam added that she can find those levels online
34 on the Commission website.
- 35 C. Randy Zollinger reported that REI is looking to bring in a pilot trailer for waste pre-treatment at the SUV at
36 Midway. Central Davis decided not to move forward with the pilot.

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38 **8. Confirm next meeting time**

39 The next meeting is scheduled for Wednesday November 14, 2018 at 9:30 AM.

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41 **9. Adjourn.**

42 The meeting was adjourned at 11:12 AM.