



December 8th, 2022

Thursday 11:30 – 1:30 AM (In-person or virtual)

Central Utah Water Conservancy District Office's
1426 E 750 N St,
Orem, UT 84097

Or

Join Zoom Meeting

<https://zoom.us/j/94795237650>

GOVERNING BOARD AGENDA

1. Welcome and call to order:
 - a. Introductions
2. **Action Items**
 - a. Approve Governing Board minutes from September 15th, 2022
 - b. Review Monthly Budget Reports: Sep – Oct 2022
3. Utah Lake Water Quality Study – John Mackey / Scott Daly (Both with the Utah Division of Water Quality)
 - a. Study updates
4. FFSL Report on Science, Management & Policy Event – Ben Stireman
5. Provo River Delta Project Status Update – Melissa Stamp
6. DWR Utah Lake Fisheries Management Plan Progress – Chris Crockett
7. Utah Lake Watershed Situation - CUWCD
8. Utah Lake Commission - Directors Update:
 - a. Utah Lake Shoreline Restoration: Phragmites treatments and responses
 - b. Primitive Access Point Evaluation
 - c. Nature/Research Center Planning
 - d. Walkara Way project update
 - e. ULA update
9. Utah Lake Commission Staff Report – Sam Braegger
 - a. Annual Photo Contest

b. Utah Lake Podcast

10. Governing Board Meeting schedule for the rest of the fiscal year 2023:

- a. December 8, 2022 at 11:30 a.m.
- b. March 16, 2023 at 11:30 am
- c. April 13, 2022 at 6pm - Celebratory Banquet for Utah Lake Commission Board – 15 years of success!

*If additional meetings are needed, they can be called as needed

**If field trips are planned for the Governing Board, they will take place outside the regularly scheduled board meetings.

11. General comments from the public

Please limit the length of comments to 2 minutes

Confirm that the next meeting will be held at the CUWCD District Offices (426 E 750 N Orem, UT)

*Virtual Meeting services will be offered.

12. Adjourn



FINANCIAL REPORT

for the month ending September 30, 2022
75% of the fiscal year remaining

Zions Bank Checking account balance on:	9/30/2022	\$	3,625.38	Annual Rate of Return	--
Zions Bank Business Savings Account Balance on:	9/30/2022	\$	14,843.47		.0.14%
Utah Public Treasurer's Investment Fund balance on:	9/30/2022	\$	472,915.63		2.48%

Transfers to Checking: 9/7/2022 \$ 8,000.00

Interest Earned: Sept 2022 \$ 953.49
YTD Interest Earned \$ 1,927.55

Expenses for September

Date	Vendor	Account	Description	Amount
9/3/2022	Google	2800	August Email Services	Debit \$ 17.99
9/6/2022	GoDaddy	2400	Annual Renewal of Domain Names	Debit \$ 41.34
9/7/2022	White Pages	6560	Landowner Contact Info Lookup (Shoreline Restoration Pt	Debit \$ 4.99
9/8/2022	Teamworks	1100	Wages	Auto \$ 2,725.00
9/8/2022	Teamworks	1300	Taxes and Benefits	Auto \$ 1,399.07
9/8/2022	Teamworks	2310	Mileage	Auto \$ 37.44
9/8/2022	Teamworks	2810	Cell Phone	Auto \$ 40.00
9/14/2022	Courtyard Marriott	2600	PIO Conference - St. George Hotel Stay - Sam Braegger	Debit \$ 190.94
9/15/2022	Sam Braegger	2600	Conference Per-diem	1935 \$ 34.00
9/15/2022	Apple Spice Junction	2500	Governing Board Meeting - Lunch	Debit \$ 183.00
9/21/2022	Column - Daily Herald	2200	Annual ULA Budget & public Notice	Debit \$ 25.41
9/22/2022	Teamworks	1100	Wages	Auto \$ 2,627.50
9/22/2022	Teamworks	1300	Taxes and Benefits	Auto \$ 1,702.08
9/22/2022	Teamworks	2310	Mileage	Auto \$ 51.88
9/22/2022	Teamworks	2600	Conference Mileage - St. George PIO Conference	Auto \$ 322.50
9/30/2022	Google	2800	Email Services	Debit \$ 18.00
Total:				\$ 9,421.14

General Fund Budget Report

Account #	Category	Budget	Year-to-date Transactions	Balance	% Left
1100	Employee wages	\$ 200,000.00	\$ 14,540.00	\$ 185,460.00	93%
1300	Employee benefits	\$ 112,000.00	\$ 7,517.66	\$ 104,482.34	93%
2100	Publications/Memberships	\$ 650.00	\$ 18.00	\$ 632.00	97%
2200	Public Notices	\$ 100.00	\$ 25.41	\$ 74.59	75%
2310	Mileage	\$ 7,500.00	\$ 225.75	\$ 7,274.25	97%
2400	Office Supplies	\$ 5,000.00	\$ 659.34	\$ 4,340.66	87%
2410	Postage	\$ 100.00	\$ -	\$ 100.00	100%
2500	Food and Meals	\$ 1,600.00	\$ 437.93	\$ 1,162.07	73%
2600	Conferences and Workshops	\$ 3,000.00	\$ 412.44	\$ 2,587.56	86%
2800	Telephone/Fax/Internet	\$ 2,100.00	\$ 335.99	\$ 1,764.01	84%
2810	Cell Phone	\$ 2,200.00	\$ 80.00	\$ 2,120.00	96%
3100	Accounting Services	\$ 1,800.00	\$ -	\$ 1,800.00	100%
5100	Insurance	\$ 6,900.00	\$ 5,644.00	\$ 1,256.00	18%
5630	Rent	\$ 12,500.00	\$ 1,992.00	\$ 10,508.00	84%
6510	Utah Lake Festival and Symposium	\$ 6,500.00	\$ -	\$ 6,500.00	100%
6520	School Outreach	\$ 6,500.00	\$ -	\$ 6,500.00	100%
6540	Promotion	\$ 12,100.00	\$ 193.93	\$ 11,906.07	98%
6545	Event Sponsorship	\$ 6,500.00	\$ 160.17	\$ 6,339.83	98%
6560	Invasive Species Control	\$ 6,000.00	\$ 83.98	\$ 5,916.02	99%
Total GF Budget		\$ 393,050.00	\$ 32,326.60	\$ 360,723.40	92%

Capital Projects Fund Report

Account #	Category	Budget	Transactions	Balance	% Left
7300	Access Improvements	\$ 26,752.13	\$ -	\$ 26,752.13	100.00%
7320	Equipment	\$ 145,000.00	\$ -	\$ 145,000.00	100.00%
7330	Marina Camera Network Pass through	\$ 22,900.00	\$ -	\$ 22,900.00	100.00%
Total Budget		\$ 194,652.13	\$ -	\$ 194,652.13	100.00%

Capital Projects Fund Statement of Cash Flow

7/1/2021	Balance	Available for Use	\$ 187,516.04
Total Balance:			\$ 187,516.04



FINANCIAL REPORT
for the month ending October 31, 2022
66.7% of the fiscal year remaining

			Annual Rate of Return
Zions Bank Checking account balance on:	10/31/2022	\$ 10,858.99	--
Zions Bank Business Savings Account Balance on:	10/31/2022	\$ 5,130.54	0.16%
Utah Public Treasurer's Investment Fund balance on:	10/31/2022	\$ 467,059.52	2.86%
Transfer from PTIF to Checking:	10/5/2022	\$ 9,000.00	
*From savings	10/19/2022	\$ 3,000.00	
Transfer from PTIF to Checking:	10/20/2022	\$ 8,000.00	
Interest Earned: Oct 2022	\$	1,144.96	
YTD Interest Earned	\$	3,072.51	

Expenses for October

Date	Vendor	Account	Description	Amount
10/6/2022	Teamworks	1100	Wages	\$ 2,642.50
10/6/2022	Teamworks	1300	Taxes and Benefits	\$ 1,390.15
10/6/2022	Teamworks	2310	Mileage	\$ 8.13
10/6/2022	Teamworks	2810	Cell Phone	\$ 40.00
10/10/2022	Walmart	6520	Food and drinks for field trip presenters	\$ 64.92
10/11/2022	Eric Ellis	2310	Mileage 3/24/2022 - 10/11/2022	\$ 1,378.63
10/11/2022	Utah County Auditor	5630	October Rent	\$ 996.00
10/11/2022	Utah County Auditor	2800	October Phone	\$ 150.00
10/11/2022	Utah County Auditor	5630	September Rent	\$ 996.00
10/11/2022	Utah County Auditor	2800	September Phone	\$ 150.00
10/11/2022	Chick-fil-A	6520	Meals for Field Trip Presenters	\$ 172.08
10/11/2022	White Pages	6560	Monthly Subscription	\$ 1.99
10/20/2022	Teamworks	1100	Wages	\$ 2,832.50
10/20/2022	Teamworks	1300	Taxes and Benefits	\$ 1,414.46
10/20/2022	Teamworks	2310	Mileage	\$ 51.25
10/24/2022	Strap Tank	2500	Lunch meeting with DWQ	\$ 41.69
10/24/2022	Walmart	6545	Photo Contest Gallery Supplies - Food/Drinks	\$ 74.45
10/24/2022	Allens Camera	6545	Winning Photo Canvas Prints - 6x	\$ 317.94
10/25/2022	GoDaddy	2400	Website domain purchases	\$ 43.70
			Total:	\$ 12,766.39

General Fund Budget Report

Account #	Category	Budget	Year-to-date		Balance	% Left
			Transactions			
1100	Employee wages	\$ 200,000.00	\$ 20,015.00	\$ 179,985.00	90%	
1300	Employee benefits	\$ 112,000.00	\$ 10,322.27	\$ 101,677.73	91%	
2100	Publications/Memberships	\$ 650.00	\$ 18.00	\$ 632.00	97%	
2200	Public Notices	\$ 100.00	\$ 25.41	\$ 74.59	75%	
2310	Mileage	\$ 7,500.00	\$ 1,663.76	\$ 5,836.24	78%	
2400	Office Supplies	\$ 5,000.00	\$ 811.52	\$ 4,188.48	84%	
2410	Postage	\$ 100.00	\$ -	\$ 100.00	100%	
2500	Food and Meals	\$ 1,600.00	\$ 479.62	\$ 1,120.38	70%	
2600	Conferences and Workshops	\$ 3,000.00	\$ 732.33	\$ 2,267.67	76%	
2800	Telephone/Fax/Internet	\$ 2,100.00	\$ 653.99	\$ 1,446.01	69%	
2810	Cell Phone	\$ 2,200.00	\$ 120.00	\$ 2,080.00	95%	
3100	Accounting Services	\$ 1,800.00	\$ -	\$ 1,800.00	100%	
5100	Insurance	\$ 6,900.00	\$ 5,644.00	\$ 1,256.00	18%	
5630	Rent	\$ 12,500.00	\$ 3,984.00	\$ 8,516.00	68%	
6510	Utah Lake Festival and Symposium	\$ 6,500.00	\$ -	\$ 6,500.00	100%	
6520	School Outreach	\$ 6,500.00	\$ 237.00	\$ 6,263.00	96%	
6540	Promotion	\$ 12,100.00	\$ 193.93	\$ 11,906.07	98%	
6545	Event Sponsorship	\$ 6,500.00	\$ 160.17	\$ 6,339.83	98%	
6560	Invasive Species Control	\$ 6,000.00	\$ 83.98	\$ 5,916.02	99%	
6580	Nature Center - Planning	\$ -	\$ -	\$ -	0%	
	Total GF Budget	\$ 393,050.00	\$ 45,144.98	\$ 347,905.02	89%	

Capital Projects Fund Report

Account #	Category	Budget	Transactions	Balance	% Left
7300	Access Improvements	\$ 26,752.13	\$ -	\$ 26,752.13	100.00%
7320	Equipment	\$ 145,000.00	\$ -	\$ 145,000.00	
7330	Marina Camera Network Pass through	\$ 22,900.00	\$ -	\$ 22,900.00	100.00%
	Total Budget	\$ 194,652.13	\$ -	\$ 194,652.13	100.00%

Capital Projects Fund Statement of Cash Flow

7/1/2021	Balance	Available for Use	\$ 187,516.04
	Total Balance:		\$ 187,516.04

UNAPPROVED



Governing Board

Thursday, June 16, 2022, 11:30 A.M.
Hybrid Public Meeting held via Zoom and anchor location at
Central Utah Water Conservancy District
1426 E 750 N St. 400, boardroom
Orem, UT 84097

ATTENDEES:

- Michelle Kaufusi, Chair, Provo
- Eric Ellis, Utah Lake Commission
- Jed Muhlestein, Alpine
- Gerard Yates, CUWCD
- Todd Adams, DNR
- Ben Stireman, FFSL
- Brittney Bills, Highland
- Carolyn Lundberg, Lindon
- Terry Peterson, Orem
- Shane Marshall, Spanish Fork
- Bill Lee, Utah County
- Julie Fullmer, Vice Chair, Vineyard
- Kari Malkovich, Woodland Hills

INTERESTED PARTIES / VISITORS:

- Sam Braegger, Utah Lake Commission
- Cory Pierce, Spanish Fork
- Morgan Faulkner, FFSL
- Soren Simonsen, JRC
- W Findlay
- Scott Daly, DWQ
- Dave Epstein, Jacobs
- Renn Lamber, Limnotech
- Hartley
- Carol-Lyn Jardine, Conserve Utah Valley
- Tom Sakievich, Utah County

MEMBERS NOT EXPECTED TO ATTEND: Utah House of Representatives, Utah Senate

ABSENT: American Fork, Cedar Hills, DNR, Highland, Lehi, Salem, Saratoga Springs, Springville, State Parks

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1. Welcome and Call to Order

A. Vice Chair Fullmer called the meeting to order at 11:34 A.M. Everyone introduced themselves.

2. Action Items

A. Review & Approve Previous Meeting Minutes: Vice Chair Fullmer asked for a motion to approve the minutes from the Governing Board meeting June 16, 2022. Kari Malkovich made a motion to approve with a minor correction and Bill Lee seconded the motion. Voting was unanimous in favor of approving the minutes.

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- 1 B. Review & Approve Monthly Budget Reports: Eric detailed the reports, we are on budget for the year.
2 This will be the last as the ULC; things are off to a good start. The ULC will operate until ULA master
3 plan is created; then dissolve ULC. There is a TBD date for an appreciation dinner in the springtime to
4 thank all who've been involved in the ULC. Vice Chair Fullmer asked for a motion to approve the
5 Monthly Budget Reports – Jun-Aug 2022. Bill Lee made a motion to approve and Carolyn Lundberg
6 seconded the motion. Voting was unanimous in favor of approving the monthly financial reports.
7

8 **3. Utah Lake Water Quality Study (ULWQS) – Scott Daly**

- 9 A. Scott began by refreshing the board on the purpose of the study: identify role of excess nutrients on
10 use impairments, identify appropriate in-lake nutrient end points and develop comprehensive water
11 quality improvement strategy for all sources. He summarized the study and decision process, the four
12 guiding charge questions for the study, highlighted some of the water quality research projects that
13 have been done as part of this over the last three years. There were a few questions and discussion
14 around topics such as to what degree of “past lake condition” is DWQ wanting to return the lake to
15 pertaining to water quality, etc. Scott also shared what the outcomes of the study will be, several
16 proposed scenarios, with associated costs and expected impacts and allow policy makers to make
17 informed decisions as they strive for a meaningful difference in water quality at the lake. Scott shared
18 the timeline, started in 2015, looking to wrap up and implement the criteria by 2030.

19
20 **4. Spanish Fork Wastewater Treatment Plant Groundbreaking – Cory Pierce**

- 21 A. Cory explained that the SF plant was old, it was nearing capacity, and it cannot reach the nutrient
22 criteria required by the state. It would be more costly to bring the existing plant up to speed. They
23 wanted to plan for expected and potential future changes to treatment needs. He then shared an
24 overview of what the new wastewater treatment plan will be like: the various stages of filtration and
25 cleaning, maintenance of the equipment, etc. Spanish Fork's discharge alone will not change the
26 course of the lake, but small changes in many areas can make a big difference.

27
28 **5. Hutchings Museum – Caring for the Utah Lake Shoreline – Daniela Larsen**

- 29 A. Daniela started with some background on the Hutchings Museum and their various partnerships. They
30 partnered with FFSL and Saratoga Springs to host a field station down at the lake, educating on Utah
31 Lake topics. They partner with National Geographic on iNaturalist, educating on wildlife and
32 vegetation found at the lake. They work with volunteers on surveying and monitoring, as well as
33 habitat restoration for monarch butterflies. The approach they take they like to call environmental
34 diplomacy instead of activism; avoiding pitting development against conservation and instead focusing
35 on educating and working together. Mayor Johnson and Mayor Fullmer and their cities took the
36 Mayor's Monarch Pledge, to create habitat for monarch butterflies in their cities. They are working to
37 find funding sources, community outreach, offer volunteer opportunities, etc.

38
39 **6. JSRIP – 2022 Updates on Recovery Efforts – Russ Franklin**

- 40 A. Russ introduced himself. He played a video that their comms people put together teaching the public
41 about the June sucker and its importance. Spawning 2022 was the largest since the start of the
42 program; he reported on additional details from the spawn. Carp removal is easier in lower lake levels.
43 Loy Fisheries needs additional funding to continue. JSRIP is looking at alternative options: box traps,

1 electro fence, poison bait, etc. Installing signs at the Hobble Creek restoration area, highlighting the
2 restoration work done as a part of the program.

3
4 **7. HABS Monitoring Efforts on Utah Lake – Hannah Bonner, DWQ**

- 5 A. Hannah introduced herself. She manages the recreation water body monitoring program. Their goal is
6 to help the public make informed decisions before they visit a waterbody. Harmful algal blooms
7 (HABs) is their primary focus. She provided some background on what HABs are. Harmful algal blooms,
8 worldwide, are increasing; it's not just a Utah Lake problem. Utah Lake is one of 20+ priority
9 waterbodies, visited on a weekly basis proactively checking for blooms. She detailed the proactive and
10 reactive monitoring and sampling processes, and the associated advisory levels. She shared details on
11 how the 2022 season has gone, with increasing presence of HABs over the summer. She detailed some
12 of the communications work as well; HABS.utah.gov website, maps for advisory locations, signs at
13 Utah Lake popular access points, etc.

14
15 **8. Utah Lake Commission – Director's Update**

- 16 A. Drought Conditions - Water Situation heading into fall – Central Utah Water Conservancy District –
17 Mike Rau: 6.1 ft below compromise, projected to hit close to 7.5 ft below compromise. Utah Lake
18 currently has 1.5 ft in depth that is imported from the Colorado River, as a part of the Central Utah
19 Project.
- 20 B. Utah Lake Shoreline Restoration: Phragmites treatments and responses: 3,170 acres aerielly treated, a
21 3rd Marsh Master has been ordered, FFSL helping with the purchase. This years treatment was 393
22 lakeshore parcels, the most ever in a single year. Sandy Beach improvement and restoration is going
23 well.
- 24 C. Access Enhancements: Saratoga Springs South marina is almost fully constructed, dredging around
25 jetty is progressing well, its looking great.
- 26 D. Nature/Research Center Planning: site selected is next to the incoming Saratoga Springs north marina.
27 Acres of restored wetlands next door too. Funding to be requested in upcoming legislative session;
28 hopefully funded in the next 1-3 years.
- 29 E. Walkara Way project update – FFSL
- 30 F. ULA update: ULA board is in place. RFP for creation of master plan will go out shortly. Upcoming
31 meeting: adopt by laws, a planning budget. Working with DNR AG's office to hire an attorney.
- 32 G. Councilman Terry Peterson said someone contacted him saying that Eric did a presentation stating the
33 ULC was in support of the islands project and asked for clarification. Eric responded, islands project
34 has been discussed before our board several times over the years, the group has presented as well.
35 The ULC is neutral, signed a resolution stating such earlier this year.

36
37 **9. Utah Lake Commission Staff Report – Sam Braegger**

- 38 A. 9/11 Day of Service: We'd like to see it grow next year. We had a lot of families sign up for an
39 individual access point, versus last year it was large groups. We had a lake-wide effort: 10 access
40 points, 24+ volunteers. We also partnered with Vineyard City and Conserve Utah Valley to clean up all
41 4 Vineyard lakeshore access points, 125+ volunteers.
- 42 B. Field Trips for 4th Graders: Starting field trips again. Oct 11-12 this fall. 5 elementary schools likely, so
43 +/- 500 students. There are 11 presenters. Sam provided an overview of how the field trips function.
44 He thanked all the presenters and other partners who make this event happen.

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- 1 C. Life Jacket Loaner Program: 7 stations operating. Volunteers have been aiding with monitoring and
- 2 restocking stations. Stations are in regular use; volunteers often find the life jackets wet when they
- 3 visit stations.
- 4 D. Ben Stireman updated board on Walkara Way project: lots of moving pieces, in final design stages,
- 5 finalizing trail alignments. As part of due diligence item, FFSL engaged with a title company to give an
- 6 ownership report on the lands within the project area. There were a few surprises, so it is not finalized
- 7 yet. Some families are claiming land that BLM had title to in that research and report. FFSL is
- 8 facilitating meetings to come discuss those discrepancies.

9

10 **10. Governing Board Meeting schedule for the year**

- 11 A. September 15, 2022
- 12 B. December 8, 2022
- 13 C. March 16, 2023

14

15 **11. General comments from board members and the public**

- 16 A. No public comment was made.

17

18 **12. Next Governing Board Meeting**

19 Vice Chair Fullmer reminded the board that the next Governing Board Meeting will be on December 7,
20 2022 at 11:30 AM in the CUWCD District Offices.

21

22 **13. Adjourn**

23 The meeting was adjourned at 1:12 P.M.