

MINUTES
CENTRAL VALLEY WATER RECLAMATION FACILITY
Wednesday, June 28, 2023
Central Valley Board Room
4:00 p.m.

Board Members Present:

Chair Debra Armstrong	Granger-Hunter Improvement District
Vice Chair Don Russell	Taylorsville-Bennion Improvement District
Member Wesley Fisher	Cottonwood Improvement District
Alternate Member Greg Anderson	Kearns Improvement District
Member Giles Demke	Mt Olympus Improvement District
Member Brett Hales	Murray City
Member Sharla Bynum	City of South Salt Lake

Staff Members Present:

Phillip Heck	General Manager
Brandon Heidelberger	Assistant General Manager
Justin Zollinger	Chief Financial Officer
Graham Gilbert	Legal Counsel
Navneet Prasad	Electric Controls Engineer
Jake Crookston	IT Manager
Cindie Foote	Employee Services Manager
Sharon Burton	Process Control Manager
Chris Reilley	Maintenance Manager

Member Entity Representatives Present:

Kerry Eppich	Mt Olympus Improvement District
Stephen Rohwer	Mt Olympus Improvement District
Mark Chalk	Taylorsville-Bennion Improvement District
Jason Helm	Granger Hunter Improvement District
Ben Ford	Murray City
James Woody Woodruff	Kearns Improvement District
Dennis Pay	South Salt Lake
Greg Neff	Cottonwood Improvement District
Spencer Evans	Cottonwood Improvement District

Visitors Present:

Mark Hansen	Brown and Caldwell Engineers
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Visitors Present Electronically:

Dan Griffin	Department of Water Quality
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A complete copy of each exhibit referred to in these minutes is filed in the official Central Valley Water Reclamation Facility Board Book. Chair Debra Armstrong conducted the meeting and led the Pledge of Allegiance.

APPROVAL OF MINUTES

Sharla Bynum made a motion to approve the meeting minutes of the May 24, 2023 Board meeting as presented.

MOTION: Sharla Bynum

SECOND: Wes Fisher

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Wes Fisher, Sharla Bynum, Greg Anderson, Brett Hales, and Giles Demke.

GENERAL MANAGER COMMENTS

- 1. Utah Lake Restoration** – The Wasatch Front Water Quality Commission has put together a brochure regarding nutrient impacts to Utah Lake and Farmington Bay and a recommended approach to restoring Utah Lake’s ecosystem. The main focus of the Division Water Quality has been to direct regulation toward nutrient removal at wastewater treatment plants. There are many other areas of input that contribute to increased levels of nutrients into the waters and many other actions in addition to WWTP effluent nutrient limits that need to be taken to restore Utah Lake. This brochure outlines other ways that Utah Lake and Farmington Bay can be restored through ecosystem changes.
- 2. CVWRF Annual Golf Tournament** – The annual golf tournament will be held Monday, August 14, 2023 at Westridge Golf Course. Mailers will be going out on this soon. Registrations should be mailed back to CVWRF attention Jeremy Deppe.
- 3. Gary Faulkner Retirement/Sharon Burton Promotion** – Gary’s retirement open house will be held in the afternoon of July 12, 2023. Invitations will be sent out this week. Dr. Heck introduced Sharon Burton as the new Plant Superintendent. We look forward to working with Sharon in her new role.

COORDINATION WITH UTAH DIVISION OF AIR QUALITY FOR OZONE STATE IMPLEMENTATION PLAN

Dr. Heck stated that CVWRF has a Title V Operating Permit under the Clean Air Act which is issued by the State Division of Air Quality. Last week we received a letter from the State Division of Air Quality indicating there will be changes and new requirements. The State has been operating under an EPA State Implementation Plan (SIP). The requirements for improvements in air pollution discharge under the SIP have not met at the “moderate” level for our area of the state. Because of this, the Division of Air Quality is moving to a “serious” level contained inside of the SIP.

This will require CVWRF to complete a Reasonable Available Control Technology (RACT) analysis of our co-gen engines. This analysis will look at ways to reduce/control nitrogen

oxides, which are precursors to ozone, to certain levels. This requirement will involve both technical and cost analysis. These unbudgeted analyses are required to be completed by year end 2023. We anticipate being able to complete this work within our general engineering budget. Brown and Caldwell will be performing this work along with staff. Based on the outcome, if the mitigation meets the “reasonable” standard, compliance will need to be achieved by 2025. This could mean equipment procurement and installation which will have budget implications in 2024 and 2025.

UPDES AMMONIA PERMIT LIMIT EXCEEDANCE - MAY

As anticipated, CVWRF exceeded the ammonia limit in May. Our ammonia permit limit is 5.3 mg/L at a monthly average. May’s monthly average was 8.9 mg/L. This has been reported to the state along with our action plan to minimize.

We have completed a number of things in an effort to reduce ammonia, such as getting the digester washout pond back in service to temporarily store filtrate. We have purchased surface aerators for the pond, which help to strip ammonia. The pond grows algae and precipitates struvite which also removes ammonia. These steps help to reduce ammonia by approximately half. Recent effluent levels have gone from 8-9 mg/L to 3-4 mg/L. In the last few days, we have put into service an additional aeration blower, which has dropped the ammonia to 1.1 mg/L. We anticipate exceedance again in June, however with these process changes and the startup of the side-stream nitrogen process, we anticipate meeting permit limits thereafter and through the end of the year.

2024 BUDGET SCHEDULE

Mr. Justin Zollinger presented the 2024 budget schedule. Departments have started working on their individual budgets. Budget review meetings will be held with the General Manager through August. In the September the preliminary budget will be presented to the Entity Managers and at the September board meeting the preliminary budget will be presented for acceptance. On October 11, 2023 at 6:00 p.m. there will be a public hearing for input on the budget and the final adoption of the annual budget will be done in the regularly scheduled October 23, 2023 Board meeting.

NATURAL GAS LOCK

Mr. Zollinger stated we previously secured a 12-month lock for natural gas lock at \$4.52/dth. We have since been able to get a two-year lock for 4,000 dth at \$4.22/dth. We also were able to layer on one more 12-month lock for an additional 4,000 dth at \$4.17/dth. In the summer months our usage is approximately 8,000 dth, and in the winter months usage is approximately 9,000-10,000 dth.

With these locks we believe we will stay within budget for this year. Looking forward, 2024 is under contract lock and the first quarter of 2025 is also under contract lock at very favorable rates.

SCHEDULE EMPLOYEE SERVICES COMMITTEE MEETING

Mrs. Cindie Foote stated there are some proposed changes inside of the Employee Handbook and the Administrative Policy for Committee consideration. As well, the salary survey has been completed and is ready for the Committee's review and recommendations.

The Committee is comprised of Debra Armstrong, Jeff Monson, and Brett Hales. Mr. Monson was not in attendance at the Board meeting, however remaining members indicated that July 5, 10, or 12 at 3:00 p.m. will work in their schedules.

CAPITAL PROJECTS UPDATE

Mr. Kevin Gallagher presented a drone video of the following projects:

Blower Building Project	BNR Basins Project
Side-Stream Phosphorus Removal Project	Side-Stream Nitrogen Removal Project
Thickening and Straining Building Project	

Mr. Brandon Heidelberger stated that the 90 percent design submittal from Brown and Caldwell on the Dewatering Design project will be submitted by the end of this week and a review meeting will be held on July 11th. The bid documents will be prepared by September. Based on the outcome of the bid, we should have a recommendation for bid award for the construction portion of the project at the November board meeting. Some of the equipment procurement recommendations will be presented for approval to the Board by the end of this summer.

Mr. Greg Anderson asked about the engineers' estimates and if they are still in line with what was projected. Mr. Heidelberger answered that we have just begun to prepare updated estimates based on the current 90 percent design work so as to incorporate any difference in the 2024 budgeting process.

CLOSED SESSION TO DISCUSS LEASE OF REAL PROPERTY

At 4:34 p.m. Don Russell made a motion to go into closed session to discuss lease of real property.

MOTION: Don Russell
SECOND: Sharla Bynum

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Sharla Bynum, Giles Demke, Wesley Fisher, Brett Hales, Greg Anderson, and Don Russell.

At 4:55 p.m. Sharla Bynum made a motion to come out of closed session.

MOTION: Sharla Bynum
SECOND: Wes Fisher

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Sharla Bynum, Giles Demke, Wesley Fisher, Brett Hales, Greg Anderson, and Don Russell.

INFORMATIONAL ITEMS

Debra Armstrong stated that the financial, performance/flow monitoring, and engineering projects reports are included in the board packet.

There were no further comments or questions.

ADJOURNMENT

Don Russell made a motion to adjourn.

MOTION: Don Russell

SECOND: Wes Fisher

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Wes Fisher, Sharla Bynum, Greg Anderson, Brett Hales, and Giles Demke.

The meeting adjourned at 4:36 p.m.

Cindie Foote
Board Secretary