

**MINUTES**  
**CENTRAL VALLEY WATER RECLAMATION FACILITY**  
**Wednesday, May 28, 2025**  
**Central Valley Board Room**  
**3:30 p.m.**

**Board Members Present:**

Chair Debra Armstrong  
Vice Chair Don Russell  
Member Kim Galbraith  
Member Cheryle Hatch  
Alternate Member Giles Demke  
Alternate Member Ben Ford  
LeAnne Huff

Granger-Hunter Improvement District  
Taylorsville-Bennion Improvement District  
Cottonwood Improvement District  
Kearns Improvement District  
Mt Olympus Improvement District  
Murray City  
City of South Salt Lake

**Staff Members Present:**

Phil Heck  
Brandon Heidelberger  
Justin Zollinger  
Graham Gilbert  
David Gittins  
Cindie Foote  
Kevin Gallagher  
Navneet Prasad  
Mike Lee  
LeAnn Dipo  
Sharon Burton  
Chris Reilley  
Ed Harrison  
Paul Pope  
Dwayne Funk  
Melissa Willes  
Porscha Swain  
Jeff Bullock  
Jonathan Porter  
Jay Nowell  
Brock Thompson

General Manager  
Assistant General Manager  
Chief Financial Officer  
Legal Counsel  
Network Administrator  
Employee Services Manager/Board Secretary  
Construction Supervisor  
Electrical Controls Engineer  
Controller  
Human Resource Manager  
Facility Superintendent  
Maintenance Manager  
Lab Director  
Environmental Chemist  
Lab Tech  
Lab Tech  
Lab Tech  
Operations  
Operations  
Electrical  
Maintenance

**Staff Present Electronically:**

Bryan Mansell

Chief Engineer

**Member Entity Representatives Present:**

Greg Neff  
Spencer Evans  
Stephen Rowher  
Troy Stout  
Greg Anderson  
James Woodruff

Cottonwood Improvement District  
Cottonwood Improvement District  
Mt Olympus Improvement District  
Granger Hunter Improvement District  
Kearns Improvement District  
Kearns Improvement District

Brandon Richards

Murray City

**Member Entity Representatives Present Electronically:**

Mark Chalk

Taylorsville Bennion Improvement District

Craig Giles

City of South Salt Lake

**Visitors Present:**

Neil Kunz

Brown and Caldwell

Ryan Overman

Brown and Caldwell

Zach Thompson

Parsons Behle

**Visitors Present Electronically:**

Skyler Davies

Division of Water Quality

Dan Griffin

Division of Water Quality

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. Cheryle Hatch led the Pledge of Allegiance.

**APPROVAL OF MINUTES**

Cheryle Hatch made a motion to approve the minutes as presented of the April 17, 2025 board meeting.

MOTION: Cheryle Hatch

SECOND: Don Russell

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Ben Ford, LeAnne Huff, Kim Galbraith, and Cheryle Hatch. Giles Demke abstained.

**PUBLIC COMMENTS**

No comments were received.

**GENERAL MANAGER COMMENTS**

1. Dr. Heck polled the Board to see how many members will be attending the construction projects tour that will immediately follow the board meeting. Two will attend. As there will not be a quorum, the meeting will end as normal.
2. CVWRF staff including Dr. Heck, Brandon Heidelberger, and Bryan Mansell were invited by the Danish consulate to travel to Denmark to learn about their wastewater processes and sustainability/efficiency technology. This was paid for by the Danish government. CVWRF is already using some of their products/technology that were observed during the tour such as the Sulfiglogger which is in our Granger Hunter interceptor line and controls ferric feed rate based on hydrogen sulfide (H<sub>2</sub>S) concentrations. The install was approximately \$20K and has saved us ~\$80K per year

in ferric. This technology was exhibited at WEFTEC two years ago. We have purchased three additional Sulfigloggers and will use them to measure H<sub>2</sub>S in our digester gas system and optimize our H<sub>2</sub>S scrubber to save money on media replacement. It was interesting to visit the factory where the equipment is built. CVWRF is ahead of the curve in energy efficiency and automation. Our construction standards are much higher than those used in Denmark. Overall, it was an informative trip to learn about how other facilities operate and to help in calibrating/comparing CVWRF's operational practices.

## **CVWRF WEAU AWARDS – PROGRAMS, STAFF, AND OPERATIONS CHALLENGE TEAM RECOGNITION**

Dr. Phil Heck reviewed the results from the WEAU conference held in April. Navneet Prasad was elected to the Board of Directors. James Magill was awarded the 5S Golden Shovel Award. CVWRF also received the Outstanding Laboratory award.

Dr. Heck introduced the Operator Challenge Team, comprised of Brock Thompson, Jay Nowell, Jeff Bullock, Jonathan Porter, and Nelo Nau. The team took first place in Safety, first place in Collections, second place in Process Control, second place in Maintenance, and first place Overall! The team will represent WEAU and Utah in the competition at the annual WEFTEC conference. The Board congratulated each member of the team. Brock Thompson, coach of the team, thanked the Board for supporting the team. It helps with building knowledge and teamwork across the different practice areas of the facility.

Brandon Heidelberger announced that Dr. Heck was awarded the Hatfield Award. This is a prestigious national award, given for outstanding performance and professionalism in the wastewater industry. The Board congratulated Dr. Heck on this award.

## **CVWRF DEPARTMENT UPDATE - LABORATORY**

Mr. Ed Harrison, Laboratory Director, introduced the laboratory team to the Board. He gave a PowerPoint presentation outlining the certification requirements, our clients and partnerships, three sections of the lab, testing profiles/tools, and the laboratory upgrades. A copy of the PowerPoint presentation is attached to these minutes and incorporated by this reference.

## **UPDATE ON BIOSOLIDS COLLECTIVE LAND APPLICATION SITE**

We have started working with Marcus Faust, a federal lobbyist, to help us negotiate through the federal processes necessary to obtain the land application site. He has met with Utah's Representatives to ascertain what their constituents would need in order for them to support the land acquisition. Celeste Maloy represents the Tooele County area and has indicated that we must obtain Tooele County support. Mr. Faust facilitated a meeting with representatives from Tooele County, and we will be meeting with County Commissioners and County manager to educate on the land application process and benefits to the land, the need, and discuss the potential benefits to the County for having this site in their area. We will show

them our biosolids process here at CVWRF and then take them up to the Marriott property to show them the land application process in action.

Dr. Heck showed a map of the areas we are contemplating. The area is west of Skull Valley and is mostly located in Puddle Valley. The land is primarily Bureau of Land Management (BLM) land. The map shows the area we are interested in obtaining. After reviewing GIS data and calculating slope, all land within the boundary line has a slope of less than six percent. It is approximately 43,500 acres of land within the boundary lines. SITLA (Utah State owned lands) have been excluded from the boundaries at this time.

Mr. Faust advises that we have a short window of opportunity to work with Congress to get this land. The goal is to get this written into a Bill approved by Congress directing BLM to provide the land for sale at market value.

#### **AWARD OF CONTRACT DIGESTERS 1, 2, and 5 COVERS INSTALLATION CONSTRUCTION PROJECT**

Mr. Brandon Heidelberger stated that early procurement of the stainless steel covers was previously completed in January 2025. This current award of contract includes the installation of those covers for Digesters 1, 2, and 5; internal coating of Digesters 1, 2, and 5 tank walls; installation of previously purchased jet mixing systems in Digesters 1 and 2; supply and installation of Digester 5 draft tube mixers/heat exchangers, sludge feed pumps and piping, cover insulation and roofing membrane, and gas piping and appurtenances. Also included is the supply and installation of sludge transfer pumps and piping for Digesters 5, 6, and 7. Final anticipated completion of the project is 12/31/2027.

CVWRF issued bid documents to three pre-qualified contractors. Two bids were received. Archer Western Construction was the low bid at \$25,340,826.

The budget estimate for the project was approximately \$22M. This was to be paid by a combination of pay go capital funding and 2024 Bond proceeds. Because bids came in over the estimate, CVWRF will work with the Contractor to deduct, via change order, the Concrete Access Stairs (\$2,085,000), as the existing vaults can continue to be utilized for cleaning access to the digesters. The remaining budget deficit will be satisfied by reprioritizing pay-go capital projects for paving , staging the planned thermophilic upgrades over several years to use pay-go capital instead of bond proceeds. CVWRF will also value-engineer projects with the Contractor to add other potential savings.

Don Russell made a motion to award the contract to Archer Western Construction for the Digesters 1, 2, and 5 Covers Installation Construction Project in the amount of \$25,340,826.

MOTION: Don Russell

SECOND: Kim Galbraith

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Ben Ford, LeAnne Huff, Kim Galbraith, Cheryle Hatch and Giles Demke.

### **CAPITAL PROJECTS UPDATE**

Kevin Gallagher presented a drone video for the following projects:

BNR Basins Project  
Blower Building Project  
Thickening and Straining Building Project  
Dewatering Building Upgrade Project  
Site Restoration – Administration Building Area

Mr. Brandon Heidelberger reviewed the construction projects overview.

### **CLOSED SESSION TO DISCUSS THE SALE OR LEASE OF REAL PROPERTY**

At 4:34 p.m. LeAnne Huff made a motion to go into closed session.

MOTION: LeAnn Huff

SECOND: Cheryle Hatch

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Ben Ford, LeAnne Huff, Kim Galbraith, Cheryle Hatch and Giles Demke.

At 4:43 p.m. LeAnne Huff made a motion to come out of closed session.

MOTION: LeAnn Huff

SECOND: Kim Galbraith

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Ben Ford, LeAnne Huff, Kim Galbraith, Cheryle Hatch and Giles Demke.

### **INFORMATIONAL ITEMS**

Debra Armstrong stated that the Financial Report, Performance/Flow Monitoring, and Engineering Progress reports are included in the board packet.

There were no other comments or questions.

### **ADJOURNMENT**

Ben Ford made a motion to adjourn.

MOTION: Ben Ford

SECOND: LeAnne Huff

The motion passed with the following individuals voting in the affirmative: Debra Armstrong, Don Russell, Ben Ford, Craig Giles, Kim Galbraith, Cheryle Hatch and Giles Demke.

The meeting adjourned at 4:45 p.m.

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Cindie Foote  
Board Secretary