

MINUTES
CENTRAL VALLEY WATER RECLAMATION FACILITY
Strategy Session
Wednesday February 28, 2024
Central Valley Board Room
1:00 p.m.

Board Members Present:

Chair Debra Armstrong	Granger-Hunter Improvement District
Vice Chair Don Russell	Taylorville-Bennion Improvement District
Alternate Member Ben Ford	Murray City
Member Keith Lord	Mt Olympus Improvement District
Member Kim Galbraith	Cottonwood Improvement District
Alternate Member Greg Anderson	Kearns Improvement District

Board Members Absent:

LeAnne Huff	City of South Salt Lake
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Staff Members Present:

Phillip Heck	General Manager
Brandon Heidelberger	Assistant General Manager
Graham Gilbert	Legal Counsel
Justin Zollinger	CFO
Jake Crookston	IT Supervisor
Bryan Mansell	Chief Engineer
Sharon Burton	Plant Superintendent
Cindie Foote	Employee Services Manager/Board Secretary

Member Entity Representatives Present:

Mark Chalk	Taylorville-Bennion Improvement District
Bruce Hicken	Taylorville-Bennion Improvement District
Brandon Richards	Murray City
Greg Neff	Cottonwood Improvement District
Spencer Evans	Cottonwood Improvement District
Giles Demke	Mt Olympus Improvement District
Trevor Eppich	Mt Olympus Improvement District
Jason Helm	Granger Hunter Improvement District
Dennis Pay	City of South Salt Lake

Debra Armstrong welcomed all to the strategy session.

Dr. Phil Heck gave a PowerPoint presentation which is attached to these minutes.

Dr. Heck asked if the Board had any specific 2024 objectives or goals for him and the management team. As we go through the strategy session, should there be any goals, we will discuss them during the wrap up portion. No comments were received.

REVIEW OF CURRENT AND POTENTIAL FUTURE REGULATIONS IMPACTING CVWRF

Dr. Heck reviewed the regulatory landscape over the next 0-5 years which includes the TBPEL Rule with a P limit, a further reduction in the effluent ammonia limit, and air quality restrictions which may reduce NO_x, VOC, and CO in engine exhaust and other air emissions.

The regulatory landscape 5-20 years in the future includes the potential regulations of a TIN limit, potential further reduction in the P limit, and limitations on PFAS in the effluent and biosolids.

A lengthy discussion regarding PFAS ensued. This included recent EPA PFAS activities; how PFAS may be regulated in the wastewater as well as in the biosolids. Graphs containing sampling data of PFAS in both CVWRF's influent and effluent, along with a graphic containing sampling of CVWRF's biosolids PFAS in comparison to the state of Michigan's levels. Also discussed were some of the challenges as they relate to how potential regulation could affect land application of biosolids.

Some of the different types of research on treatment technologies were discussed as well as what the potential capital and O&M costs may be as PFAS becomes more regulated. We are working through WEF, NACWA and other industry groups who are lobbying to exempt POTWs from regulation while advocating for source control/elimination regulation.

BIOSOLIDS MANAGEMENT (DISPOSAL AND PROCESSING)

Disposal

Mr. Brandon Heidelberger showed a map depicting the current land application sites. Our primary site is the Marriott Disposal site, and the alternate site is the Fairfield property.

In January 2024, Weber County passed a resolution outlining the map for a new West Weber Inland Port Project Area. The Marriott disposal site falls within the boundary of the project area, making the area uncertain for future disposal.

Mr. Heidelberger outlined a future timeline for biosolids disposal which includes moving to Class A biosolids, continuing composting and sales, developing land application infrastructure at the alternative Fairfield site, and conducting a planning study to evaluate future options for an additional land application site or alternative disposal method site.

A land application timeline along with action items was discussed for the Fairfield site. This included immediate actions such as updating the Biosolids Masterplan to include the site, permitting the site with DWQ, the purchase and or lease of a tractor, loader and manure spreader, and to begin application to the site in Q3. Necessary improvements to the property were also proposed. This would happen over the next ten years.

Processing

Dr. Heck outlined the goals of the Biosolids Master Plan. They are to ensure capacity of the digestion system to handle the solids produced by treatment plant, produce Class A Biosolids to minimize disposal regulatory issues and maximize disposal options; to maximize cake solids and minimize biosolids mass thereby reducing disposal costs; maximize the use of digester capacity and other facilities to increase biogas production to offset energy costs; develop redundancy in the disposal program, and use/develop the Fairfield property for resiliency.

WRAP UP

No further questions or objectives were received during this period.

ADJOURNMENT

The strategy session adjourned at 2:55 p.m.

Cindie Foote
Board Secretary