

Guests Present

Donahue, Richard
Rodriguez, AJ
Sumanis, Abigail
Marshall, Zane
Hunt, Troy
McKinnon, Angela

CCWRD
CCWRD
CCWRD
SNWA
Geosyntec Consultants
Brown and Caldwell

1. CALL TO ORDER

The Sewage and Wastewater Advisory Committee (SWAC) meeting was called to order by Chair Dan Fischer, Clark County Water Reclamation District at 9:03 a.m. It was confirmed that the meeting was properly noticed and posted in accordance with the Open Meeting Law.

2. COMMENTS BY THE GENERAL PUBLIC - None

3. APPROVAL OF THE MINUTES OF THE MEETING OF MAY 5, 2021

Todd Tietjen moved and John Bettencourt seconded to accept the May 5, 2021 minutes. The motion was unanimously approved.

4. LAKE MEAD HYDROLOGY PRESENTATION (SNWA)

Zane Marshall provided an update on the hydrology of Lake Mead.

5. DISCUSSION OF QUARTERLY FLOW REPORT

The group discussed the flow report for the second quarter of 2021:

- Flow data from multiple agencies reported increased consumptive usage in 2020 and 2021.
- CCWRD flows have returned to pre-pandemic levels, suggesting that tourism to the Strip is recovering.

6. MEMBER UPDATES

A. Moapa Valley Water District

- Nothing to report.

B. Las Vegas Valley Water District

- Planning is underway for a new lateral pipeline from west Henderson to Lake Mead.
- There are on-going discussions about how the declining Lake level will impact water quality. The most immediate concerns are temperature increases and elevated phosphorous concentrations.
- Released a publication on project modeling temperature driven impacts from the third intake on Lake Mead.

C. Boulder City

- Nothing to report.

D. Virgin Valley Water District

- N/A

E. City of Mesquite

- N/A

F. City of Las Vegas

- Coronavirus has impacted the staffing of the City's main wastewater treatment plant. There are numerous open positions that need to be filled.
- Operations team addressed a minor failure in ferric system before it impacted the phosphorus concentrations.
- CIP Updates:
 - BNR rehabilitation project is 80% complete.
 - Digester rehabilitation project is 90% complete.
 - Filtration rehabilitation project is set to begin in September.
 - Dewatering building rehabilitation project is going into design.

G. Clark County Water Reclamation District

- Collection System Updates:
 - Whitney Lift Station project is in design and is estimated to be 60% complete.
 - Lincoln Lift Station project is also in design and is estimated to be 90% complete.
 - Sandhill interceptor project was recently completed. Project required the installation of 8,000 linear feet of 60" diameter sewer and a 60" diversion structure. Plan to divert all flow from the crosstown interceptor and do a complete conditions assessment of 6 miles of 3/4" concrete pipe.
- Flamingo Plant Updates:
 - The project to expand the plant's headworks facilities is in design.
 - Building new sludge thickeners to produce more consistent VFAs.

H. City of North Las Vegas

- Sewer rehabilitation project for the main line Losee Rd to Cheyenne Rd.
- There is an on-going project to re-line manholes, etc.
- Experiencing recent challenges with the BNR process due to the membrane train consolidation that took place in June, which reduced the number of trains from 12 to 9.
- Planning to hire a consultant to conduct a process evaluation and assist with the optimization of the BNR process.
- Continuing to pump approximately 1 million gallons of reuse water per day to Nellis Air Force Base to irrigate the golf course. CNLV is preparing to fully accept ownership of the project.
- Sludge conveyance project is underway.
- Preparing for a membrane coating project that is scheduled to start October 2021. The project will remove the existing coating of all 12 process trains and applying a new coating system.
- The flow equalization project is scheduled to go out for bid later this year.

I. City of Henderson

- The Lake Las Vegas lift station rehabilitation project is nearing completion. The two existing pumps are being rehabilitated while the new pump is being installed. The system is expected to be online later this year.
- Experiencing frequent clogging issues at lift stations caused by disposable wipes in all systems without chopper pumps. Some areas require weekly maintenance.

- Phase 4 project at the WRF is moving along. Established a plan to rework the headworks facility.
- Backwash filters are continuing to clog so they are moving to a new filter selection. The location of the filter replacement will be determined at a selection meeting later this month.
- Activated sludge process is still in design. Internal coordination is on-going.
- Filled three Wastewater Operator I positions.
- One unit supervisor is retiring in August.
- Howard Analla, the Wastewater Operators Manager is retiring in August.

7. CLARK COUNTY / 208 AREA WIDE WATER QUALITY MANAGEMENT PLAN UPDATE

- Water Quality Standards: The Selenium project in Las Vegas Wash is progressing well. Fish collection is scheduled this month and will be performed by SNWA. Project details are being coordinated with NDEP Bureau of Water Quality Planning.
- MS4 Permit: The co-permittees met with NDEP to discuss comments and redlines on the draft MS4 permit. NDEP was responsive to all major co-permittee concerns.
- 208 Plan: A spreadsheet has been developed to track wastewater treatment plant upgrades since 2008. Work is ongoing to determine future 208 Plan direction.
- Grants: Updates were provided on a potential project grant to assess the effectiveness of Coanda screens in drop inlets and detention basin inlet structures. Under current grant funding, a Stormwater Pollution Awareness Month is being planned in collaboration with NDOT, to include planned proclamations by the Clark County Commission and Governor, and outreach events.

8. MEMBER VACANCIES

- A. Virgin Valley Water District – 1 member vacancy
- B. City of Henderson – 1 member vacancy; 1 alternate vacancy
- C. Clark County Water Reclamation District – 1 alternate vacancy
- D. Boulder City – 1 member vacancy

9. COMMENTS BY THE GENERAL PUBLIC - None

10. DISCUSS FUTURE MEETING FORMAT - SCHEDULE NEXT MEETING

John Bettencourt moved and Todd Tietjen seconded to hold the next meeting as virtual only. The motion was passed unanimously.

The next meeting is scheduled for November 3, 2021 at 9:00 am. A meeting invite will be sent out.

11. ADJOURNMENT

The meeting was adjourned at 10:36 am.