

**BOARD OF MANAGERS MEETING
CANYON REGIONAL WATER AUTHORITY**

**Wednesday, November 6, 2024
CRWA ADMINISTRATIVE BUILDING
850 Lakeside Pass, New Braunfels, Texas 78130**

This Notice is posted pursuant to the Texas Open Meeting Act. (TEX. REV. CIV. STAT. ANN. Chapter 551, Section 31.) The Canyon Regional Water Authority will hold an in-person meeting at **10:00 AM Wednesday, November 6, 2024**, regarding provisions of the Texas Open meetings act. Additional information can be obtained by calling: (830) 609-0543.

The Board of Managers will consider the following items and make recommendations to the Board of Trustees as appropriate:

Item

- 1 Open Meeting & Corrections to October 2, 2024, Meeting Notes (Justin Ivicic)**
- 2 Water Precipitation/Drought Update: (Kerry Averyt)**
 - A. Precipitation update
 - B. GBRA In-Out Basin Report
 - C. Drought and Canyon Lake update
- 3 General Construction / Design Projects:**
 - A. **Construction Committee Report and/or Recommendations (Brandon Rohan)**
 - a. TxDOT/CRWA IH-10 (Santa Clara and Zuehl) Transmission Line Project
 - b. TxDOT/CRWA FM 1518 Transmission Line Project
 - c. TxDOT/CRWA IH-10 Conflict at Channel D
 - d. Hays Caldwell Pipeline
- 4 Treated Water Production Update: (Kerry Averyt)**
 - A. Current Water Treatment Operation
 - a. Lake Dunlap WTP
 - b. Wells Ranch WTP
 - c. Hays Caldwell WTP
- 5 Water Treatment Plant Improvement Projects: (Brandon Rohan)**
 - A. **Lake Dunlap WTP**
 - a. Interconnect Water Line (ARWA)
 - b. Additional Membrane/WTP Upgrade
 - c. GST Rehabilitation
 - B. **Wells Ranch WTP**
 - a. Emergency Generator Project
 - C. **Hays Caldwell WTP**
 - a. Tank Construction D/N
 - b. Membrane Filter Upgrade
 - c. Pilot Study
- 6 Wells Ranch Project III (Kerry Averyt)**
 - A. Christian Well (920 AF)
 - B. Wells Ranch Infrastructure Upgrades
- 7 General Topics/Meetings (Kerry Averyt)**
 - A. THM Reduction
- 8 Items for the next Board of Managers meeting or the Board of Trustees Meeting**
- 9 Announcements and Adjourn**

**BOARD OF MANAGERS MEETING MINUTES
CANYON REGIONAL WATER AUTHORITY**

**Wednesday, October 2, 2024
CRWA ADMINISTRATIVE BUILDING
850 Lakeside Pass, New Braunfels, Texas 78130**

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The Board of Managers will consider the following items and make recommendations to the Board of Trustees as appropriate:

Item

- 1 Open Meeting & Corrections to October 2, 2024, Meeting Notes (Justin Ivicic)**
 - » Justin Ivicic opened the meeting at 9:59 AM.
- 2 Water Precipitation/Drought Update: (Kerry Averyt)**
 - A. Precipitation update
 - B. GBRA In-Out Basin Report
 - C. Drought and Canyon Lake update
 - » Kerry Averyt gave an update on Canyon Lake and Precipitation in the area. Above Canyon Lake got a little over 3 inches of rain in early September, and about 1.5 inches below Canyon Lake. There was an uptake in the in-flow and out-flow of the lake that correlates with the rain. Canyon Lake is currently in a Stage 3 restriction and around 55% capacity. CRWA is working on a curtailment plan for when Stage 4 is reached in which a mandatory 15% reduction will be enforced.
- 3 General Construction / Design Projects:**
 - A. **Construction Committee Report and/or Recommendations (Brandon Rohan)**
 - a. TxDOT/CRWA IH-10 (Santa Clara and Zuehl) Transmission Line Project
 - b. TxDOT/CRWA FM 1518 Transmission Line Project
 - c. TxDOT/CRWA IH-10 Conflict at Channel D
 - d. Hays Caldwell Pipeline
 - » Brandon Rohan gave an update regarding the current construction projects. The Santa Clara and Zuehl project as well as the FM 1518 Transmission Line Project are on their way to being completed. The Santa Clara portion is completed and the Zuehl section has started back up. There was an issue with a recently installed fiber, but the conflict has been resolved and the project has proceeded. FM 1518 is tied in and operational. The contractor is making slow progress on utility abandonment. On Channel D Conflict, there is a conflict with CRWA's line, and a drain structure located West of Santa Clara Rd. Relocating the line will require a new bore and a 30" transmission main. The project should be reimbursable, but the details needed to be worked out with TxDOT. This project is funded in the FY 2025 budget. American Land and Right of Way Acquisitions is working to acquire the easements for the Hays Caldwell Pipeline. 8 tracts of land will be crossed and the parcels of land have been identified.
- 4 Treated Water Production Update: (Kerry Averyt)**
 - A. Current Water Treatment Operations
 - b. Lake Dunlap WTP
 - c. Wells Ranch WTP
 - d. Hays Caldwell WTP and Pall Mobile Unit
 - » Water Usage at the plants is tracked by calendar year. Unless there is a huge uptake in usage, CRWA will end up below the total allocation for the year for all three facilities. Wells Ranch WTP is up a little bit this year. The Wells Ranch WTP demand is up because the Lake Dunlap WTP demand was shifted that direction.
- 5 Water Treatment Plant Improvement Projects: (Brandon Rohan)**
 - A. **Lake Dunlap WTP**
 - a. Interconnect Water Line (ARWA)
 - b. Additional Membrane/WTP Upgrade
 - B. **Wells Ranch WTP**
 - a. Emergency Generator Project
 - C. **Hays Caldwell WTP**
 - a. Tank Construction D/N
 - b. Membrane Filter Upgrade

c. Pilot Study

- » Lake Dunlap WTP: Garver is working with CRWA Staff on the replacement strainers at the Lake Dunlap WTP. The timeline for the replacement has an anticipated completion date of May 2025. This was funded in the FY 2025 budget. CRWA Staff is working with Garver to revise the scope for the membrane evaluation at the Lake Dunlap WTP. There is not much of an update on the ARWA Interconnect. There is still coordination between ARWA and CRWA to ensure the water comes online when it needs to.
- » Wells Ranch WTP: Ardurra has a design schedule for the Generator Project of a design completion date of June 2025. The Construction Committee tasked CRWA Staff to work with Arudrra on being more aggressive on the timeline for bringing the generators online. The preliminary cost of the project is approximately \$3.7 million.
- » Hays Caldwell WTP: The Phase 1 Improvements are under construction. Cobb Fendley provided a report in the packet. There could be construction delays related to material. Staff is working with Ardurra to see if alternate materials can be used to speed up the process. The alternate material would be ductile iron instead of stainless steel. The Phase 1 improvements are the tank construction, electrical work, and piping. On the Phase 2 Improvements, the expected bid date is January 2025. Ardurra is working on components that will fit into the bid package with the current funds. CRWA Staff is looking to put out the bid for Ozone in November 2024. There is a 3rd phase that will need to be completed and remains unfunded. Mr. Averyt gave an update on current conversations with the City of San Marco regarding the Hays Caldwell projects. CRWA Staff has received 5 proposals for the membrane pilot studies at Hays Caldwell WTP. Most of the studies have some costs that must be paid by CRWA along with other requirements. Cost is not a component of evaluation when reviewing the proposals. CRWA will have to have some discussion on how to approach cost for the pilot study.

6 Wells Ranch Project III (Kerry Averyt)

- A. Christian Well (920 AF)
- B. Wells Ranch Infrastructure Upgrades
 - » STV is working on upgrades for the Christian Well. CRWA is looking to go out for bids and begin work in 2025. There is a draft contract that is almost ready to be sent out to the participating entities of the water from the Christian Well for review. There was discussion over concerns and components of the contract. There's further discussion regarding the amount of water acquired and what may still be needed for Wells Ranch III, with reference to the GBRA Watersecure project.
 - » CRWA is looking to hire a Water Resources Manager. The engagement has been executed with Collaborative Water Resolution, LLC. The applications that have already been received by CRWA Staff have been forwarded to the firm for their review. CRWA Staff has conducted interviews for Project Manager and is looking to make an offer to a candidate.

7 General Topics/Meetings (Kerry Averyt)

- A. THM Reduction
 - » CRWA has received notices from members of the Hays Caldwell TWP as well as from Springs Hill SUD regarding issues with THM. The ozone that is going to be placed at the Hays Caldwell WTP will help with the reduction of THM's. There will be systems added to the tank at the Hays Caldwell WTP to help in reducing THMs as well. CRWA Staff will need to get Garver engaged to add these systems to the tank. There is further discussion on THM's regarding testing, solutions, and possible causes.

8 Items for the next Board of Managers meeting or the Board of Trustees Meeting

9 Announcements and Adjourn

- » Justin Ivicic adjourned the meeting at 11:52 AM.