

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

**Wednesday, November 8, 2023
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 8, 2023**, 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 September 27, 2023, Meeting Notes

2 Discussion Items:

- A. Construction Committee Report and Recommendations ~ *Brandon Rohan*
- B. SAWS, Springs Hill, Cibolo, GBRA, CRWA Short-Term Partial Assignment Agreement ~ *Staff*

3 Water Resources:

- A. Precipitation update ~ *Staff*
- B. Drought and Canyon Lake update ~ *Staff*

4 Water Quality:

- A. Taste and Odor update ~ *Staff*
- B. Disinfection Byproduct update ~ *Staff*

5 Treated Water Production Update:

- A. Current Water Treatment Operations ~ *Staff*
 - i. Lake Dunlap WTP*
 - ii. Wells Ranch WTP and Well Field*
 - iii. Hays Caldwell WTP and Pall Mobile Unit*
- B. Water Rights and Water Usage ~ *Staff*
 - i. Lake Dunlap / Wells Ranch System*
 - ii. Hays Caldwell System*

6 Water Treatment Plant Improvement Projects:

- A. Hays Caldwell WTP ~ *Staff and Ardurra*
 - i. Permitted Facility Improvements:*
 - a. Status of Permits
 - b. Phase 1 Construction Tasks and Schedule
 - c. Value Engineering Analysis of Pretreatment Residuals Handling

d. Funding Gap and Funding Opportunities

ii. Membrane Improvements:

a. Reimbursement Resolution.

Discussion and possible Construction Committee recommendation that the CRWA Board of Trustees approve a Reimbursement Resolution for design services associated with the Hays Caldwell Water Treatment Plant Membrane Replacement Project for the prior lawful capital expenditure of funds from the proceeds of one or more series of taxable or tax-exempt obligations that CRWA currently contemplates issuing in the amount not to exceed \$12,000,000 to finance a portion of the costs of the Project.

b. Engineering Service Order.

Discussion and possible Construction Committee recommendation that the CRWA Board of Trustees approve a second Service Order with Ardurra in the amount of \$659,415.50 for design services associated with the Hays Caldwell Water Treatment Plant Membrane Replacement Project.

B. Lake Dunlap WTP ~ *Staff and Garver*

i. *Scope and Contract Negotiations*

ii. *Funding Opportunities*

7 Water Transmission Improvement Projects:

A. TxDOT/CRWA IH-10 (Santa Clara and Zuehl) Transmission Line Encasement Project update ~ *Staff and UEG*

i. Change Order No. 2:

Discussion and possible Construction Committee recommendation that the CRWA Board of Trustees approve Change Order No. 2 with Ram 2 Utilities to replace the proposed 36-inch split steel pipe at Santa Clara Road with a 42-inch split steel casing pipe for a cost not to exceed \$11,522.31 for the IH-10 Transmission Line Project.

ii. Supplemental Agreement No. 1:

Discussion and possible Construction Committee recommendation that the CRWA Board of Trustees approve the Supplemental Agreement No. 1 with TxDOT for the CRWA IH-10 Transmission Line Project for a total cost of \$694,327.18. The joint bid cost is \$128,422.97, which will be paid by TxDOT. The remaining \$565,904.21 will be paid by CRWA, which is also reimbursable to CRWA.

B. TxDOT/CRWA FM 1518 Transmission Line Project update and estimated costs ~ *Staff and UEG*

C. Asset Management (GIS) update ~ *Staff and UEG*

i. Engineering Service Order:

Discussion and possible Construction Committee recommendation that the CRWA Board of Trustees approve a Service Order with Utility Engineering Group, PLLC to perform GPS physical locating of all visible above ground appurtenances associated with CRWA's transmission line system currently depicted on CRWA's GIS website (Midcities Phases 2A and 2B, Wells Ranch transmission line, Santa Clara transmission line, and Crystal Clear transmission liner for a cost not to exceed \$42,337.50.

D. CRWA Design Standards and Specifications ~ *Staff and UEG*

E. Hays Caldwell Transmission Line Alternatives Analysis ~ *Staff, GEI, and AMROW*

8 Water Development Projects:

A. Alliance Regional Water Authority Project update ~ Alliance

B. Wells Ranch III Project Planning:

i. *Groundwater leasing and permitting update ~ Staff*

ii. *Conceptual engineering plan update ~ Staff and Trihydro Engineering*

iii. Draft Water Supply and Treatment contract update ~ Staff

9 Water Supply and Treatment Costs

- A. Blending of Fixed Operating Costs for Lake Dunlap and Wells Ranch by NewGen Strategies ~ *Staff*
- B. Rate Methodology for Hays Caldwell Annual Overages by NewGen Strategies ~ *Staff*

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

11 Announcements and Adjourn