

CASTLE ROCK WATER

RESOLUTION: APPROVING CONTRACT WITH HYDRO RESOURCES FOR WELL EQUIPMENT

MARCH 3, 2020



WELLS CR-232 & CR-233 EQUIPMENT

BACKGROUND

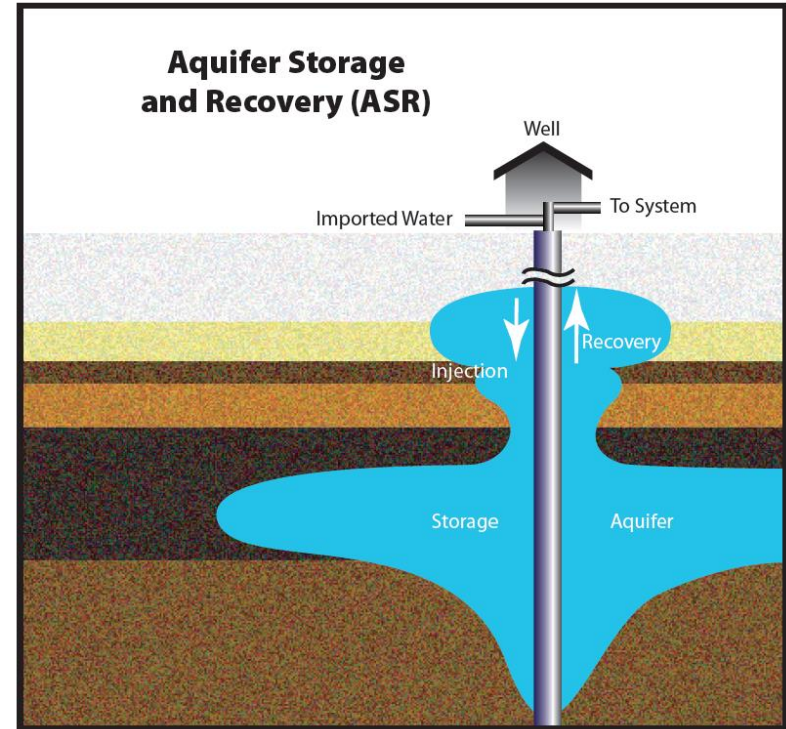
- Located at Ray Waterman Water Treatment Plant
- Anticipated production: 1.0 - 1.2 million gallons per day
- Equipping two new wells (Arapahoe / Denver)
- Designed for Aquifer Storage and Recovery (ASR)
- Pilot ASR downhole power generation valve
- Partnering with Dominion Water and Sanitation District



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DETAILS

- Hydro Resources selected through sole source
 - Limited available drilling contractors
 - High local demand for drilling projects
 - Compressed schedule
 - Partnering on piloting the new ASR power generation valve
- Hydro Resources provided pricing: \$2,293,335
 - Previous projects competitively bid
 - Separate Pilot Testing Agreement
 - Ongoing mechanical and technical support
 - Reduced costs



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PROJECT SUMMARY

Contractor

- Hydro Resources – Rocky Mountain, Inc.

Schedule

- Operational Winter 2020
- Start in Early 2020
- Potential Temporary Facility to meet high demands

Funding

- Originally budgeted in 2019 & 2020

Recommendations

- Staff
- Castle Rock Water Commission Feb 26th, 5-0

Estimated Project Costs

Well drilling (2 wells)	Hydro Resources	\$ 2,931,416.00
Hydrogeological Professional Services	Leonard Rice Engineers	\$ 84,436.00
Pumping Equipment Installation	Hydro Resources	\$2,293,335.00
Facility Design Consultant	PSI	\$63,606.68
Facility Contractor	To be determined	\$1,100,000.00
	TOTAL	\$6,472,793.68

Notification and Outreach Efforts

- Residential Postcards - completed
- Open House February 20th
- Project information on Crgov.com
- Additional outreach as necessary



THANK YOU

QUESTIONS

RECOMMENDED MOTION: I MOVE TO APPROVE RESOLUTION NO. 2020-029
AS INTRODUCED BY TITLE.