

RESOLUTION:

**INTERGOVERNMENTAL AGREEMENT WITH
PARKER WATER AND SANITATION DISTRICT FOR
WISE PUMP STATION EXPANSION AND
INFRASTRUCTURE DESIGN**

DECEMBER 7, 2021



WISE PUMP STATION EXPANSION IGA

BACKGROUND

- RidgeGate Line constructed in 2015 to deliver WISE water to southern partners
- Pump station inside Rueter-Hess Water Purification Facility was initially utilized
- PWSD needs to use its own pump station capacity
 - Deferred WISE infrastructure → needed by 2024
- PWSD issued design RFP in September 2021
 - Seven proposals received
 - HDR is selected design firm



Location Map of WISE Local Infrastructure

WISE PUMP STATION EXPANSION IGA

KEY TERMS

- Project costs split on a pro-rata basis
- PWSD will manage project
- Design Scope includes:
 - Hydraulic Evaluation
 - Project Sizing
 - Surge Analysis
 - Pump Station Design
 - Backup Generator
 - Alternative Delivery Options



PWSD's Canyons Pump Station used to deliver flows from Pressure Zone 2 to 3

WISE PUMP STATION EXPANSION IGA

BUDGET & SCHEDULE

Estimated Costs

- HDR Design Fee: \$885,600
- CRW pro-rata share: 54%
- **CRW Authorization : \$477,118.19**

Budget

- Water Resources/WISE Infrastructure
 - \$2,010,286 remaining for 2021

Schedule

- Commence Design: January 2022
- Complete Design: January 2023

Partner	Current Pumping Capacity (Ownership of 7.5 MGD)	Additional Pumping Capacity Needed [MGD]	Pro-Rata Share for additional pumping needed	Cost Share [No Contingency]	Cost Share [Using CMAR Contingency]
CRW	1.49	7.5	54%	\$444,793.11	\$477,118.19
DWSD	1.98	2.2	16%	\$131,527.23	\$141,085.90
PWSD	1.79	4.2	30%	\$249,279.66	\$267,395.91
Pinery	0.75	0.0	0%	\$ ---	\$ ---
Stonegate	1.49	0.0	0%	\$ ---	\$ ---
Total	7.5	13.9	100%	\$825,600.00	\$885,600.00

RECOMMENDATIONS

- Castle Rock Water Commission
- Staff
- **Questions?**





I MOVE TO APPROVE RESOLUTION NO. 2021-112
AS INTRODUCED BY TITLE

I MOVE TO APPROVE THE RESOLUTION AS INTRODUCED BY
TITLE, WITH THE FOLLOWING CONDITIONS: _____

“I MOVE TO CONTINUE THIS ITEM TO THE TOWN COUNCIL
MEETING ON _____ DATE TO ALLOW
ADDITIONAL TIME TO: _____