

CASTLE ROCK WATER

ALLUVIAL WELL REHABILITATION AND PUMPING EQUIPMENT REPLACEMENT PROJECT

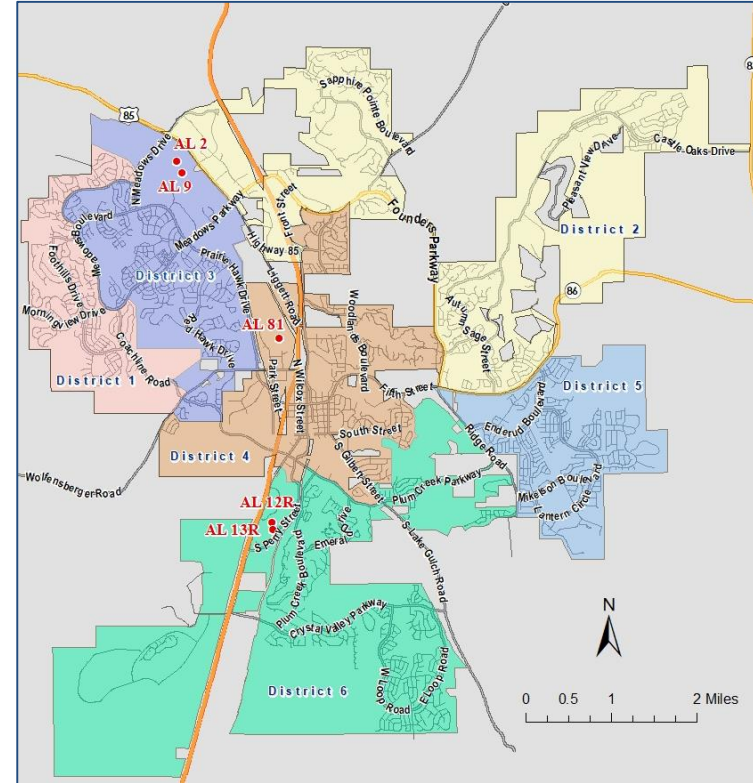
DECEMBER 3, 2019



REHABILITATION WELL PROJECT

BACKGROUND

- Annual preventative maintenance program
 - Reduction in production in AL-2 and AL-9
 - Transducers in AL-12 and AL-13 failed
 - 2019 production of 62 million gallons
 - Provides renewable/reusable water
- Investigating AL-81 to bring online
- Abandon 4 alluvial wells in West Plum Creek



REHABILITATION WELL PROJECT

DETAILS

- Rehabilitation schedule is every 3-6 years
- Continually run unless down due to maintenance
- Pumps & motors have high run times
- AL-2 was rehabilitated 2015
- AL-9 was rehabilitated 2016
- AL-12R and AL-13R water level transducers failed
 - Modifications needed to pumping string
 - Will assess if a rehabilitation is needed
- AL-81 completed in 1990
 - Power can now be brought to the site
 - Can bring water to the plant thru CR-1



REHABILITATION WELL PROJECT

PROJECT SUMMARY

Contractor

- Colorado Pump Service and Supply Co.

Schedule

- Winter 2019 - 2020
- Start in late December 2019

Funding

- Using 2019 budget

Recommendations

- Staff

Proposed Budget

Rehabilitation & Equipment Replacement	Colorado Pump Service & Supply	\$ 252,216.00
Contingency (10%)		\$ 25,222.00
	TOTAL	\$277,438.00

Notification and Outreach Efforts

- Project information on Crgov.com
- Additional outreach as necessary



THANK YOU

QUESTIONS

RECOMMENDED MOTION: I MOVE TO APPROVE RESOLUTION NO. 2019-124
AS INTRODUCED BY TITLE