

CASTLE ROCK WATER

PLUM CREEK WATER PURIFICATION FACILITY ADVANCED TREATMENT CONSTRUCTION PROJECT

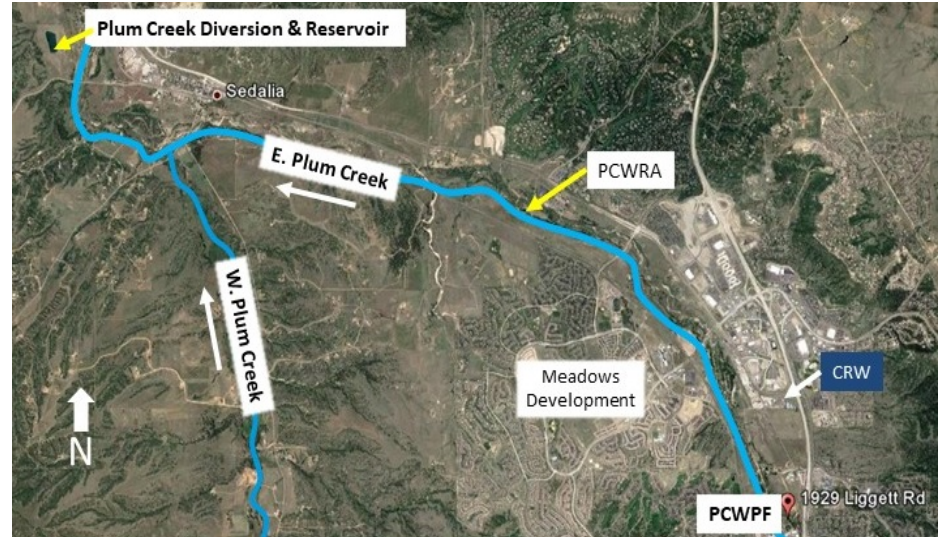
MAY 21, 2019



PCWPF ADV. TREATMENT

BACKGROUND

- Add processes to purify new reusable source water from Plum Creek
- 6 MGD treatment capacity, expandable to 12 MGD
- Solids handling facilities
- New emergency electrical generator
- Project designed and bid with two Work Packages (WP1 & WP2)
- WP1 awarded on 12/18/18



PCWPF ADV. TREATMENT

PROJECT SUMMARY

Contractor

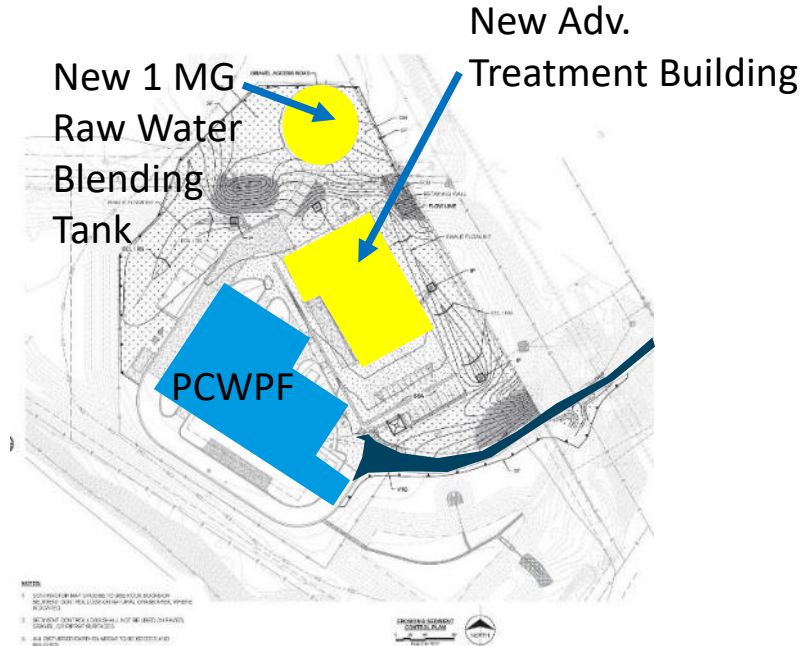
- Garney Companies, Inc.

Budget

- Work Package 2 FGMP = \$18,202,567
(New Advanced Treatment Bldg.)

Schedule

- WP#1 – Awarded 12/18/2018
- WP#2 tonight
- Construct to December 2020



PCWPF ADV. TREATMENT

KNOWN AND ESTIMATED COSTS

MAJOR PROJECT COSTS

Design (Burns & McDonnell)	\$ 1,528,086
Pilot Plant	\$ 174,428
CWCB Grant	\$ (200,000)
Preconstruction Services	\$ 158,840
Construction WP1, FGMP	\$10,249,971
Construction WP2, FGMP	\$18,202,567
Construction Engineering	\$ 1,340,115
<u>Total Project Cost</u>	<u>\$31,454,007</u>

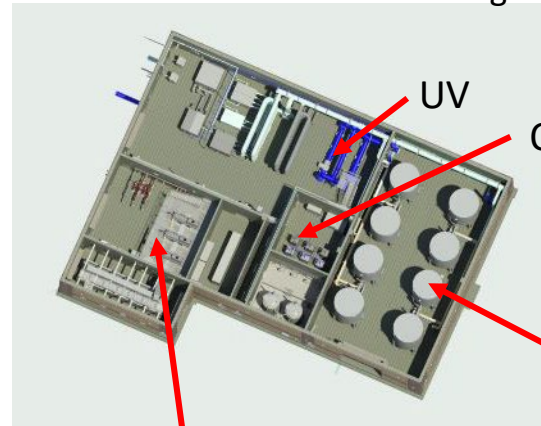
CURRENT REQUEST FOR WP2: \$18,202,567

CURRENT BUDGET BALANCE: \$19,619,927

Recommendations

- CR Water Commission and Staff

New Adv. Treatment Building



Solids
Handling

Ozone



Granular Activated Carbon
Filters (GAC)



THANK YOU

QUESTIONS

RECOMMENDED MOTION: I MOVE TO APPROVE RESOLUTION NO. 2019-060 APPROVING THE SECOND AMENDMENT TO PCWPF ADVANCED TREATMENT PROJECT CONSTRUCTION AGREEMENT WITH GARNEY COMPANIES, INC. FOR WORK PACKAGE TWO