

Well No 26 Design & Coldwater Booster Station Chlorinator Design

June 5, 2017 Council Meeting

Project Needs

- While development has been slow for several years, water demands are steadily increasing, especially during peak summer months.
- A new water supply (well) is needed to ensure system reliability.
- Coldwater Reservoir/Booster does not have a centralized chlorination system.



Project Summary

Joint projects at two (2) sites will provide the City with a new water supply.

- **Equipping of Well No 26**

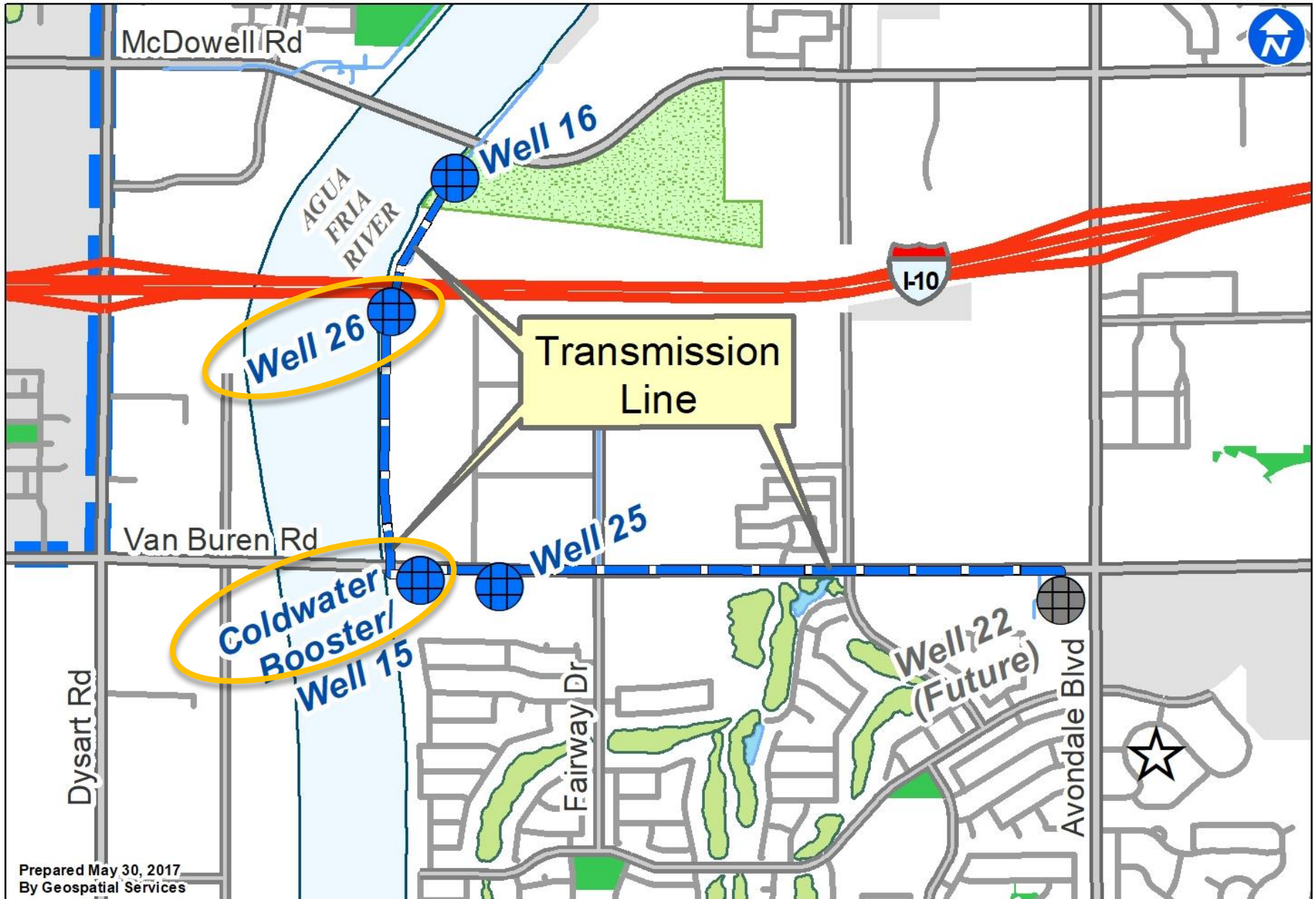
- City owned site with existing well casing.
- Site has excellent water quality.

- **New chlorinator at Coldwater site**

- Centralized chlorination system to best utilize new and existing wells.



Avondale



Project Schedule

- **Well No 26 Design– Wilson Eng.**
 - Award of Design scope: Tonight
 - Design completed: 1st Qtr. 2018
- **Coldwater Chlorinator Design– NCS**
 - Award of Design scope: Tonight
 - Design completed: 1st Qtr. 2018
- **Construction Manager at Risk (CMAR)**
 - Selection of CMAR: August 2017
 - Award of Construction GMP No.1: September 2017
 - Award of Construction GMP No.2: 1st Qtr. 2018
 - Construction Complete: Summer 2018

Recommendation

Staff is requesting that City Council approve:

- A PSA contract with Wilson Engineers to complete the design for Well 26 in the amount of \$113,449.
- A PSA contract with NCS Engineers to complete the design for the Coldwater Boosters Station Chlorinator in the in the amount of \$99,940.

