

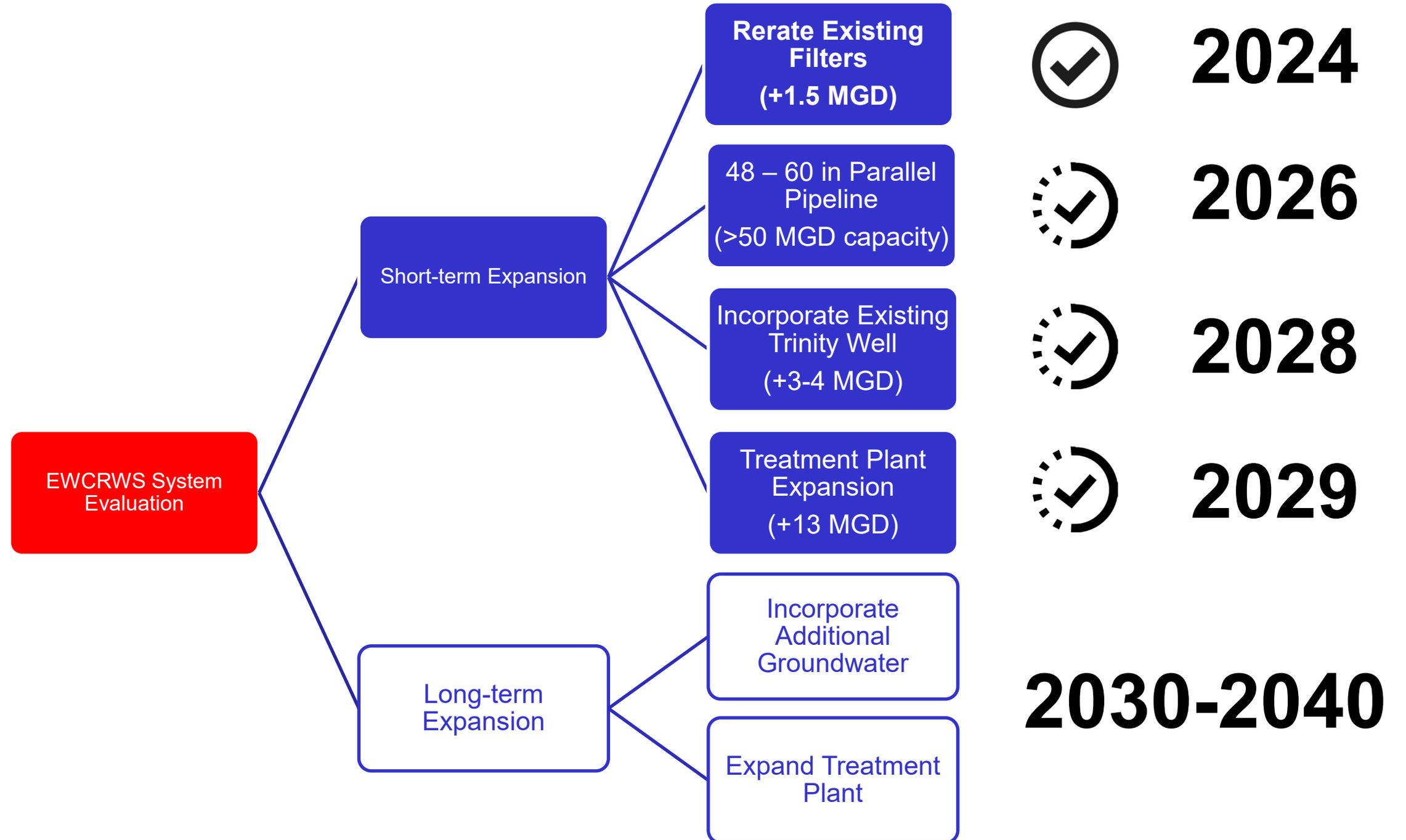


# ***East Williamson County Water Treatment Plant Expansion Contract Amendment***

***Presented by  
Blake Kettler  
Chief Planning Officer***

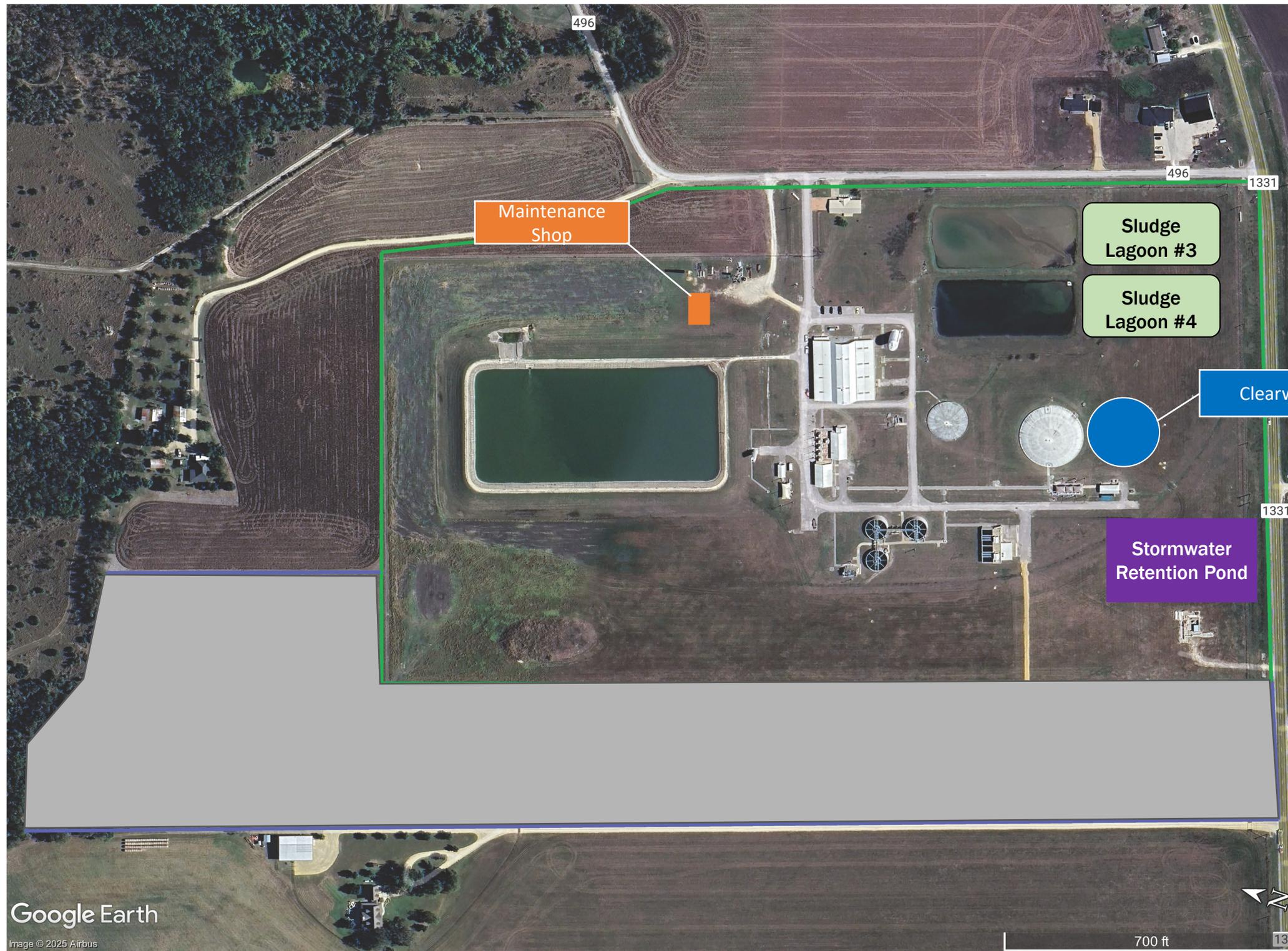


# Project Approach



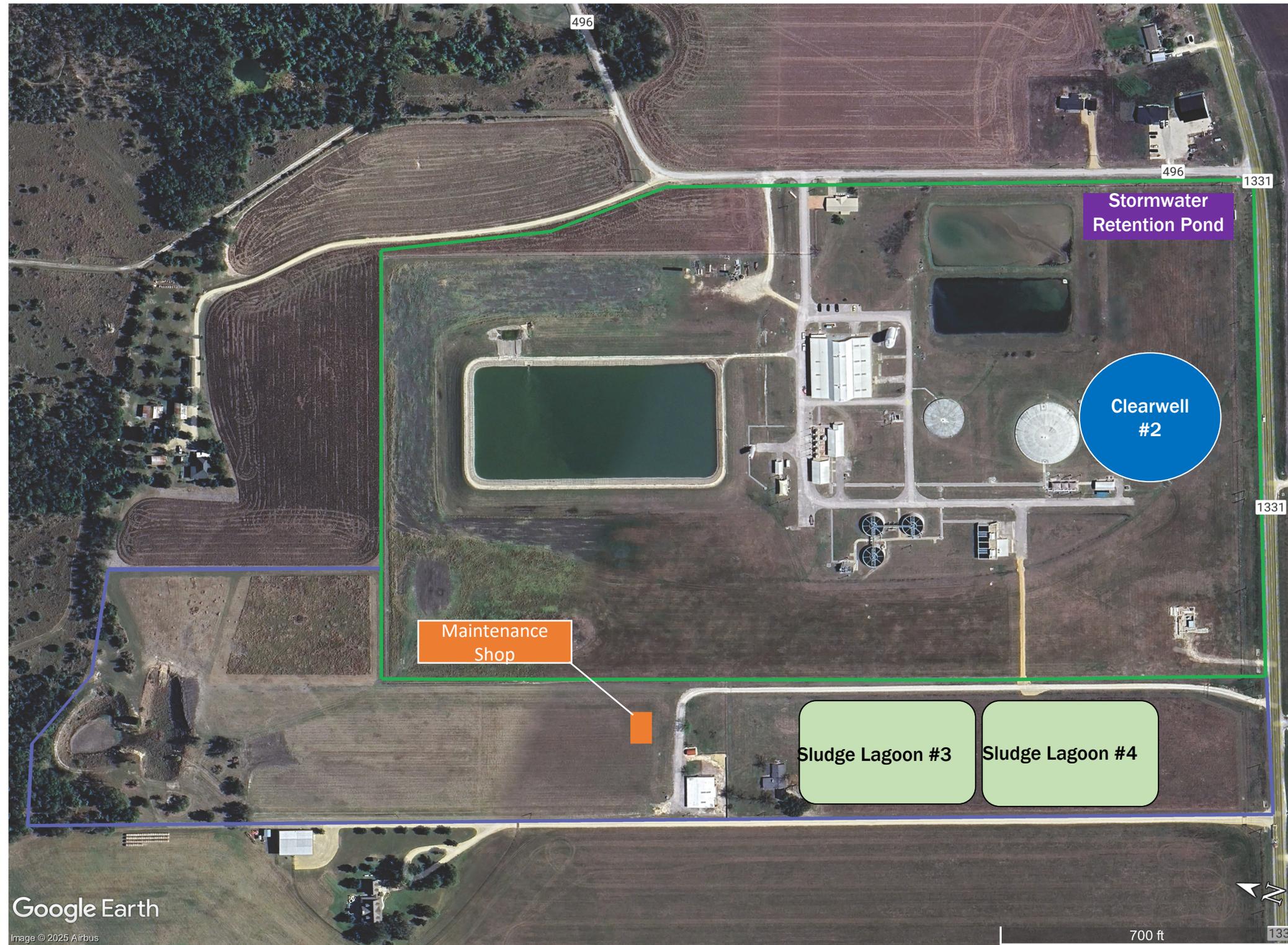


# East Williamson County Water Treatment Plant Preliminary Site Plan



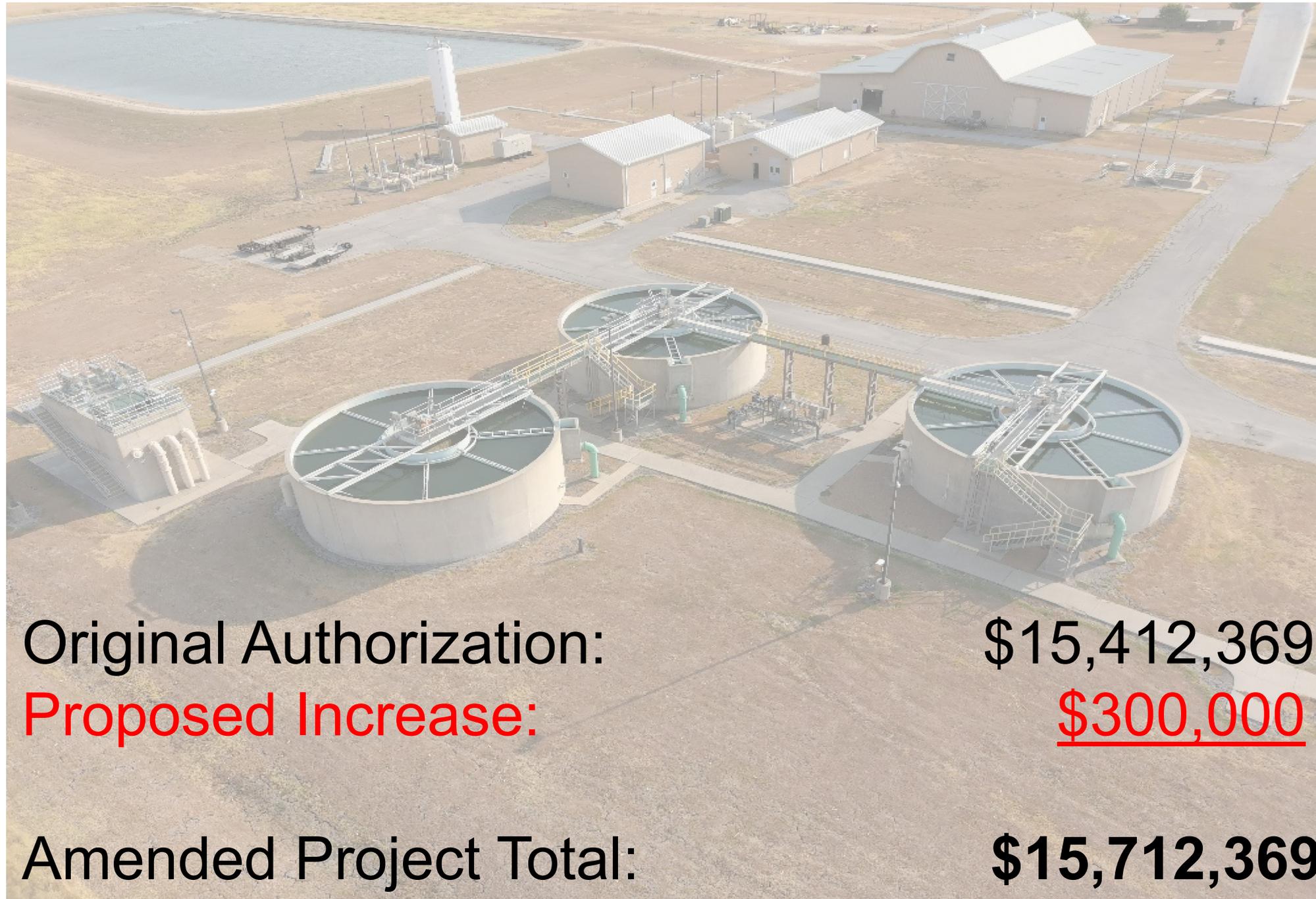


# East Williamson County Water Treatment Plant Current Site Plan





# Professional Services Fee Overview





**“BE IT RESOLVED** that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to increase the total not-to-exceed amount of CDM Smith, Inc.’s East Williamson County Water Treatment Plant Expansion Project professional services agreement up to a maximum amount of \$300,000.”



Brazos River Authority



**Brazos**

— ★ —  
**RIVER AUTHORITY**



# ***Backup Slides***

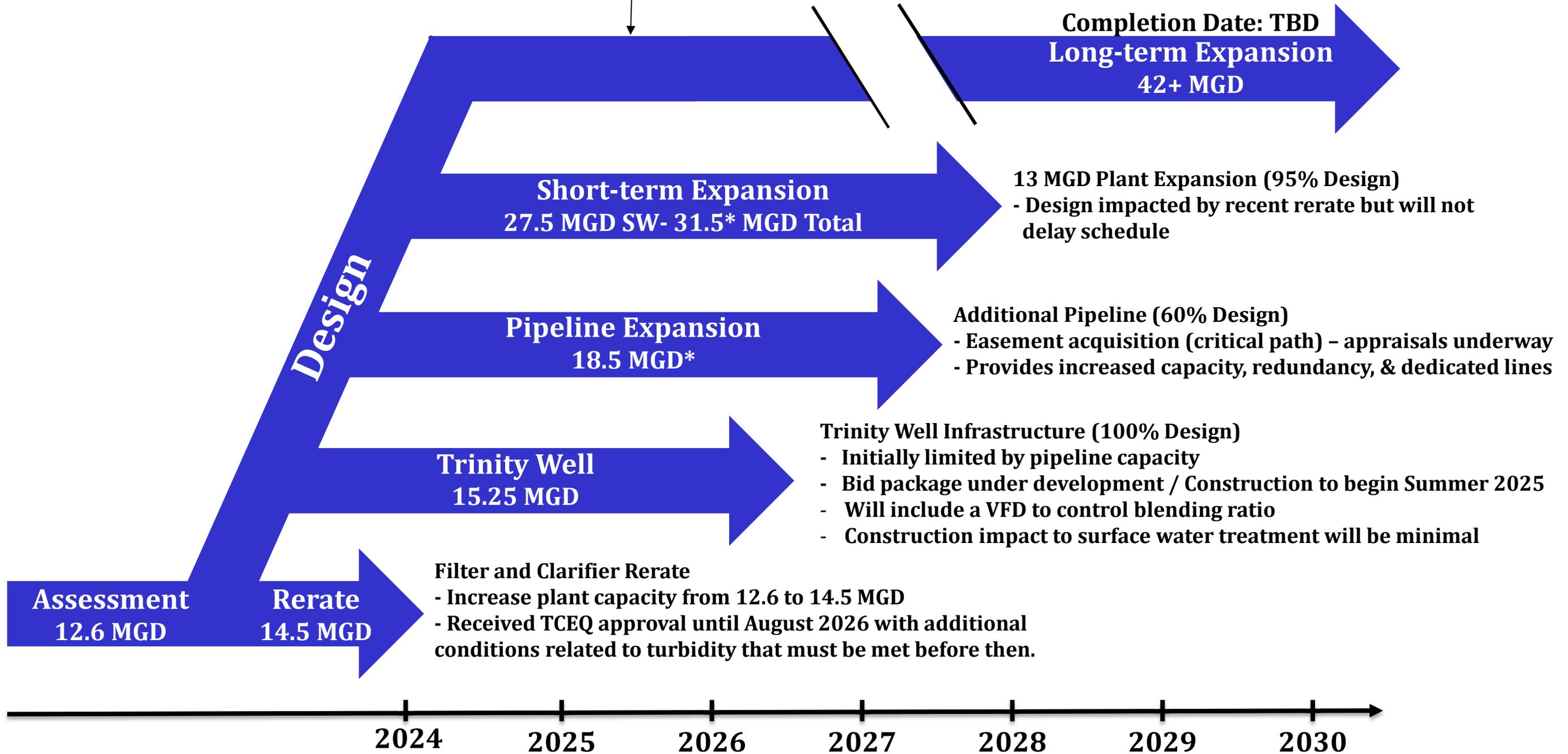


**“BE IT RESOLVED** that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to execute Amendment No. One to the Professional Services Agreement with CDM Smith, Inc., for the East Williamson County Water Treatment Plant Expansion project increasing the total not to exceed amount by \$84,000.”

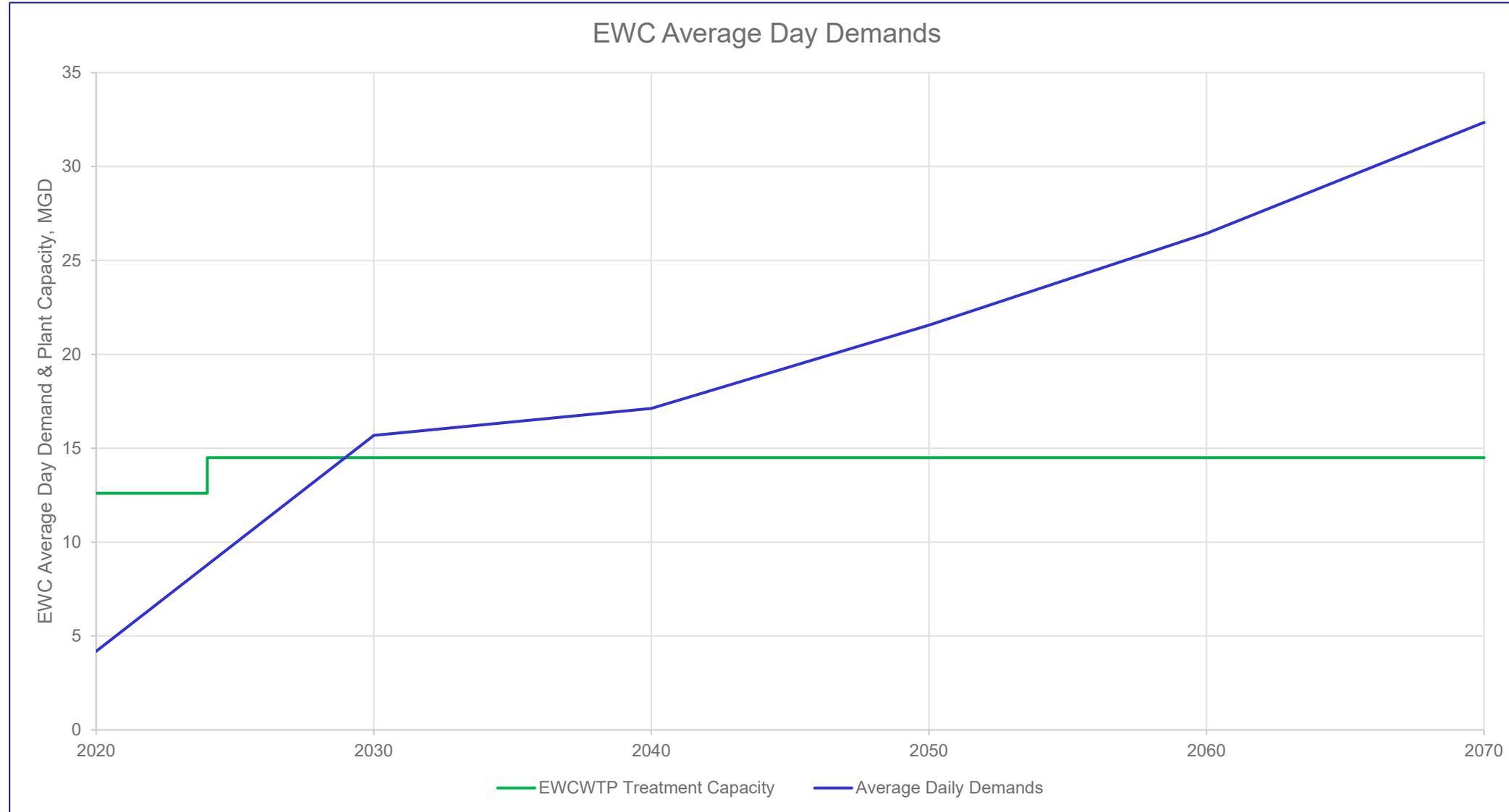


# Expansion Roadmap

We're Here



\*Assumes 4 MGD from TW





**Major changes include:**

- **Surveying services for the new property – Boundary, Topographic, Geotech (9 additional borings), THC**
- **Changes to the stormwater drainage plan to utilize existing terrain and avoid committing larger areas for stormwater detention basins**
- **Larger Clearwell Design – due to the acquisition of the neighboring property, the size approximately doubled from 2 to 4.25 MG (FYI-there is one 4.25 MG Clearwell planned for 1D, and one for the long-term expansion, meaning our total clearwell storage at final buildout will be approx. 10.5 MG)**
- **Modification of the existing On-Site Sewer Facility Permit for reuse with the new maintenance building**
- **Extension of the perimeter fencing**
- **and relocation of sludge ponds 3 & 4 which will be located on the new property.**
  - **Lagoons 1 & 2 are approximately 340 ft x 150 ft. (51,000 sqft)**
  - **Lagoons 3 & 4 are approximately 386 ft x 173 ft (66,778 sqft)**