

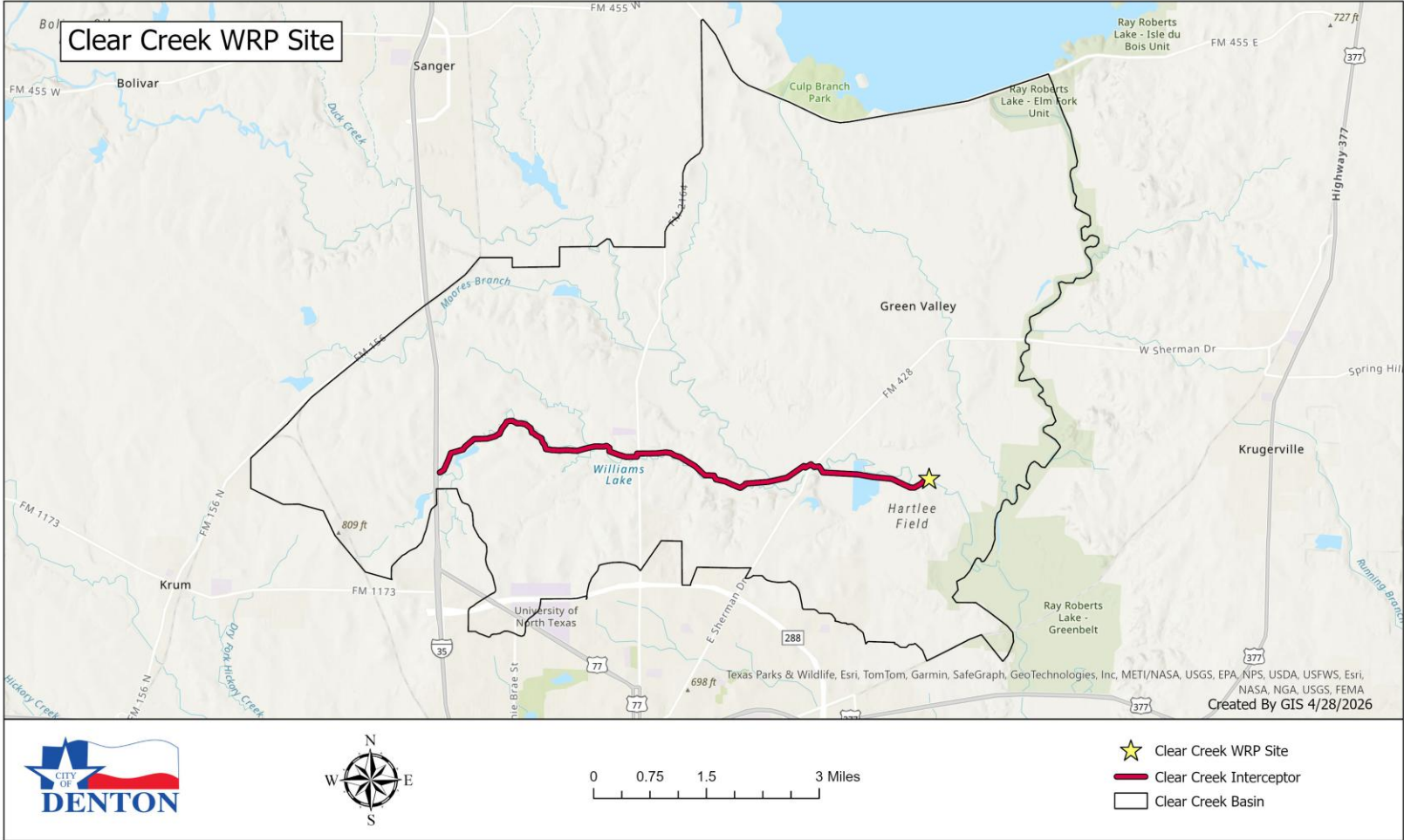
# Clear Creek Water Reclamation Plant Design Contract



Public Utilities Board – PUB26-065 – June 8, 2026

# Background

- Accelerated development of Clear Creek Basin
- Goal of regionalization
- 2023 Wastewater Master Plan
  - Clear Creek Sewer Interceptor
  - Clear Creek Water Reclamation Plant (CCWRP)

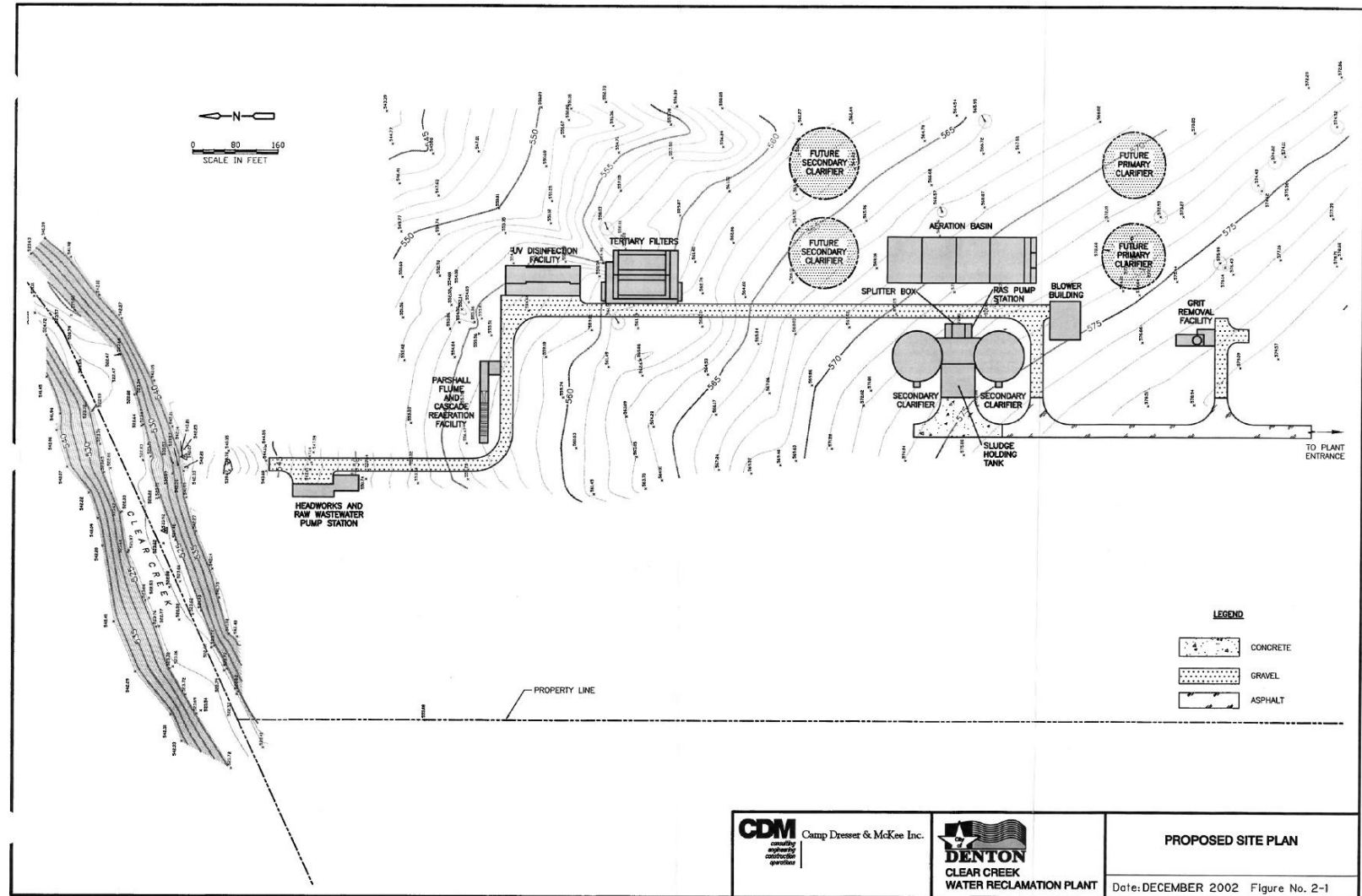


# Project Location



# Site Timeline

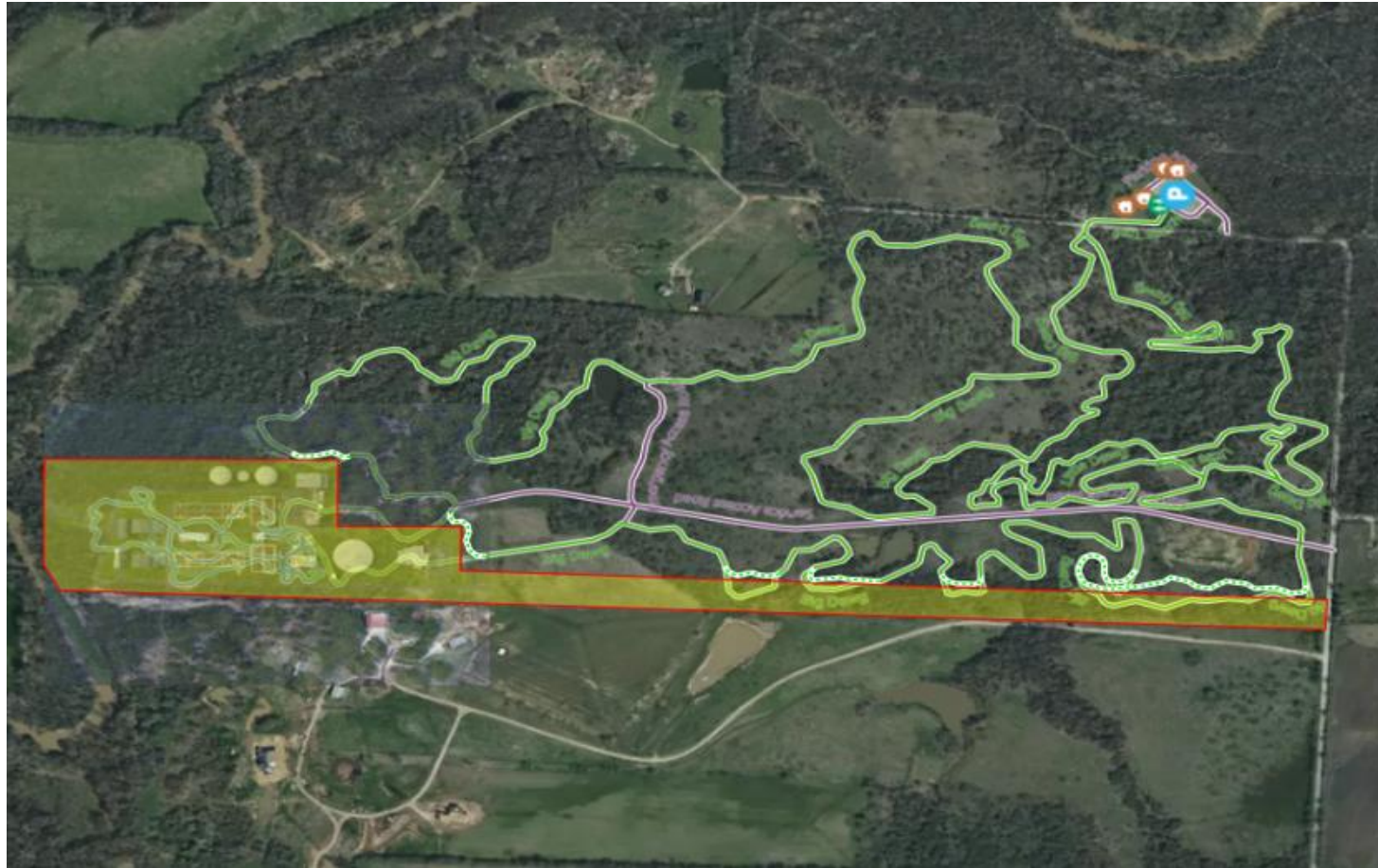
- 1998: Wastewater Treatment Planning Report
- 2000: Property Purchased
- 2002: Preliminary Design Report, 0.95 MGD – Partial Texas Commission on Environmental Quality (TCEQ) Discharge Permit
- 2003: Design reaches 85%, paused due to development
- 2025: 10 MGD – Full TCEQ Discharge Permit



# Project Scope

- Design and construction phase services for an advanced water reclamation plant that incorporates:
  - High-efficiency screening and grit removal (Lift Station / Headworks)
  - Biological Nutrient Removal (BNR)
  - Membrane Bioreactor (MBR)
  - Odor Control System
  - Ultraviolet Disinfection (UV)
  - Architectural Components (Operations Building)
- Estimated Construction Cost: \$455 million
- Timelines
  - Design Services: Q2 2026 – Q4 2028
  - Construction Services: Q4 2028 – Q4 2032

# Minimizing Impact



- Create safe site access and fencing at trail interactions.
- Maintain fence and access control for safety and security.
- Impacted trail re-routing will be required.
- Add educational elements to the site for water, wastewater, and reuse.

# Selection Process and Funding

- Six (6) Firms Evaluated from RFQ 8312 Prequalified List
- Carollo Engineering Selected
- Design Contract amount: \$45,528,839 (10% of Estimated Construction Cost)
- Priced to include all Construction Manager at Risk (CMAR) coordination
  - 4-year base contract
  - 2-year Special Services
- Funding Breakdown:
  - Traditional Debt: up to 51%
  - Water Infrastructure Finance Innovation Act (WIFIA), In Progress: up to 49%
  - Texas Water Development Board Clean Water State Revolving Fund (TWDB-CWSRF), In Progress: up to \$400 million (\$60 mil/year)

# Staff Recommendation

Staff recommends the adoption of a Professional Services Contract between the City of Denton and Carollo Engineers for design and construction phase services for the Clear Creek Water Reclamation Plant, not to exceed the amount of \$45,528,839.



# Questions?




Public Utilities Board – PUB26-065 – June 8, 2026

