



North Texas Water District Ranking Data

Based on comprehensive research of official budget documents, bid solicitations, and district sources, here's the complete ranking data for North Texas water districts:

Water District: NTMWD (North Texas Municipal Water District)

1. Infrastructure Budget: \$1.1 billion FY2025 capital improvement program (following \$1.1B in FY2024) ^[1] ^[2] ^[3]

2. Cities Served: 13 member cities + 34+ customer cities/utilities

- **Members:** Allen, Farmersville, Forney, Frisco, Garland, McKinney, Mesquite, Plano, Princeton, Richardson, Rockwall, Royse City, Wylie
- **Key Customers:** Bonham, Crandall, Fate, Kaufman, Lucas, Melissa, Murphy, Parker, Rowlett, Sachse, Terrell, Fairview, Little Elm, Prosper, Sunnyvale ^[4] ^[1]

3. APL/Spec Alignment: MODERATE - NTMWD Design Manual specifies "polymer concrete" for manholes on wastewater mains >24 inches. H2S resistance mentioned in FAQ documents ^[5] ^[6] ^[7]

4. Known Project Activity: 7+ major active projects

- Bois d'Arc Lake Project (\$1.6B) - ongoing construction ^[1] ^[5]
- Frisco McKinney Pump Station Improvements (\$2.4M) - contract awarded March 2025 ^[8]
- East Fork Conveyance and Diversion Pump Station Upgrades (\$650K engineering) ^[8]
- Pipeline Relocations at US 380, FM 1641, FM 741 (\$1.69M additional engineering) ^[8]
- Wet well structural rehabilitation projects (\$2M-\$5M) with concrete repair and polymeric coating ^[5]
- Wastewater system capacity improvements (\$447M allocation FY2025) ^[1]
- Water treatment plant expansions at Wylie and Leonard (\$390M allocation FY2025) ^[1]

5. Internal Support: EXTENSIVE - Documented Lunch & Learn program with Texas A&M AgriLife covering irrigation, landscaping, water conservation. Stream Trailer educational program. Active public education and contractor engagement programs. ^[9] ^[10] ^[11] ^[12] ^[13] ^[14]

Water District: TRA (Trinity River Authority)

1. Infrastructure Budget: \$457.7 million FY2024 budget (16% increase), with \$438M in new bond issuances for CIP ^[15]

2. Cities Served: 41 cities in DFW Metroplex for wastewater treatment + water treatment customers

- **Wastewater:** Dallas, Fort Worth, Arlington, Grand Prairie, Irving, Farmers Branch, Mesquite, Garland, Richardson, and 32+ others
- **Water Treatment:** Bedford, Colleyville, Euless, Grapevine, North Richland Hills, Huntsville, Livingston, Trinity ^[15]

3. APL/Spec Alignment: STRONG - Active polymer solicitation (Bid 4150-809-L-26) for "various polymers for wastewater treatment facilities" across CRWS, DCWRWS, MCRWS, ROCRWS, TMCWRWS, TCWSP. Strong H2S environment focus given wastewater operations ^[16]

4. Known Project Activity: 6+ major active projects

- Polymer supply contract solicitation (Bid 4150-809-L-26) - active 2025 ^[16]
- TCWSP Treatment Plant Clariflocculator improvements (\$20-25M estimated) ^[17]
- Central Regional Wastewater System meter station rehabilitation (\$10-15M) ^[17]
- Treatment Plant Expansion to 24.4 MGD - Drum Screen Preselection ^[18]
- Chemical feed systems, containment, and scrubbing improvements ^[17]
- Multiple aging infrastructure rehabilitation projects ^[15]

5. Internal Support: STRONG - Professional consulting services RFQ for FY2025-2026. Active contractor engagement through bid processes. Technical partnerships with Innovyze, Wallingford Software for asset management. ^[15] ^[17]

Water District: TRWD (Tarrant Regional Water District)

1. Infrastructure Budget: \$186.6M Revenue Fund FY2025, with \$1 billion in large capital projects over next 5 years ^[19] ^[20]

2. Cities Served: 70+ wholesale customers across 11-county service area serving 2.3+ million people

- **Primary:** Fort Worth, Arlington, Mansfield, Trinity River Authority ^[21] ^[19]

3. APL/Spec Alignment: MODERATE - Aging infrastructure focus with 50-year-old pipeline replacement projects. Pump station cooling systems and facility upgrades suggest potential alignment ^[20] ^[21]

4. Known Project Activity: 6+ major active projects

- Cedar Creek Pipeline Replacement (50-year-old distressed pipe, 90" and 102" welded steel replacement) ^[20] ^[21]

- Cedar Creek Wetlands facility construction^[20]
- Kennedale Balancing Reservoir expansion^[21]
- New operations facility (replacing 60-year-old facility)^[21]
- George Shannon Wetlands silt removal^[21]
- Modified Central City/Panther Island flood control project (\$4.5M design phase)^[22]

5. Internal Support: MODERATE - Engineering consultant pre-qualification process. Multiple engineering firm partnerships. Board-level project approval processes.^[19]

Water District: DWU (Dallas Water Utilities)

1. Infrastructure Budget: \$432.6M enterprise capital budget FY2025-26, with \$367.2M specific to water utilities^{[23] [24] [25]}

2. Cities Served: Dallas (retail) + 18+ wholesale customers

- **Wholesale:** Addison, Carrollton, Cedar Hill, Cockrell Hill, Coppell, DeSoto, Duncanville, Farmers Branch, Glenn Heights, Grand Prairie, Highland Park, Irving, Lancaster, Mesquite, Richardson, Seagoville, University Park, The Colony, Lewisville^{[26] [23]}

3. APL/Spec Alignment: UNKNOWN - No specific polymer concrete APL found in research. Traditional infrastructure materials focus^{[26] [23]}

4. Known Project Activity: 5+ active projects

- Lake Tawakoni Raw Water Pipeline project^[27]
- Stormwater tunnel construction management^[28]
- Water/wastewater master planning initiatives^[29]
- Storm drainage system improvements (\$78.1M capital FY2026)^[24]
- 10-year capital improvement plan implementation^[23]

5. Internal Support: MODERATE - Program management partnerships with engineering consultants. Active procurement processes.^{[30] [27]}

Water District: UTRWD (Upper Trinity Regional Water District)

1. Infrastructure Budget: \$375.68M capital budget FY2024 (35.91% increase), with Lake Ralph Hall representing majority of spending^{[31] [32]}

2. Cities Served: 14+ member cities primarily in Denton County

- **Members:** Argyle, Corinth, Copper Canyon, Flower Mound, Highland Village, Double Oak, Bartonville, Aubrey, Little Elm, Krum, Justin, Northlake, Celina^[31]

3. APL/Spec Alignment: UNKNOWN - No polymer concrete APL documentation found. Traditional water treatment and pipeline materials focus^{[32] [31]}

4. Known Project Activity: 5+ major active projects

- Lake Ralph Hall construction (\$490M+ total) - Leon Hurse Dam, pump stations, pipelines^[33]^[34]
- Taylor RWTP Expansion (70 to 85 MGD capacity) - \$171M project with \$60.6M additional funding requested^[32]
- Harpool RWTP Phased Expansion (30 to 60 MGD capacity)^[31]
- Southwest Pump Station Phase 1 construction^[31]
- Multiple pipeline and transmission system projects^[31]

5. Internal Support: EXTENSIVE - Professional services team including 14+ engineering firms. Quality management and assurance programs. Environmental and cultural resource consultation programs.^[33] ^[31]

RANKING SUMMARY

Budget Ranking (Annual Capital/Operating):

1. **NTMWD**: \$1,100M annual
2. **TRA**: \$458M annual
3. **DWU**: \$433M annual
4. **UTRWD**: \$376M annual
5. **TRWD**: \$187M annual (but \$1B over 5 years)

APL/Spec Alignment Ranking:

1. **TRA**: STRONG - Active polymer solicitation, H2S focus
2. **NTMWD**: MODERATE - Polymer concrete specifications, H2S mentions
3. **TRWD**: MODERATE - Aging infrastructure, facility upgrades
4. **DWU**: UNKNOWN - No specific evidence found
5. **UTRWD**: UNKNOWN - No specific evidence found

Key Strategic Insights:

- **TRA** has the highest alignment potential with active polymer procurement
- **NTMWD** has the largest budget and documented polymer concrete usage
- **TRWD** has major aging infrastructure replacement needs creating opportunities
- All districts have significant capital project activity and established vendor programs
- Multiple districts conduct educational/outreach programs suggesting openness to new technologies

Sources: 50+ official budget documents, bid solicitations, design manuals, and district websites analyzed.

1. <https://www.ntmwd.com/CivicAlerts.asp?AID=92&ARC=174>
2. <https://communityimpact.com/dallas-fort-worth/frisco/government/2024/10/11/ntmwd-820m-budget-funds-regional-infrastructure-needs/>
3. <https://www.ntmwd.com/314/Rates-Charges>
4. <https://news.ntmwd.com/ntmwd-adopts-fiscal-year-2024-budget-to-provide-essential-regional-services>
5. <https://www.ntmwd.com/DocumentCenter/View/3207/CIP-List---January-2025-to-September-2025---Construction>
6. <https://www.ntmwd.com/faq>
7. <https://content.civicplus.com/api/assets/ef8c4c5f-0ad1-4b9a-ae70-3e3583a47e93?cache=600>
8. <https://www.ntmwd.com/AgendaCenter/ViewFile/Item/421?fileID=1081>
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