

CAPITAL OUTLAY REQUEST 2026

TRANQUILLO PINES MDWCA

FLUORIDE REMOVAL PROJECT

PROJECT NEED

- Tranquillo Pines MDWCA is currently under Administrative Order due to excessive levels of fluoride at two wells – both are at or exceed 4.0 mg/L
- Tranquillo Pines MDWCA was listed as Priority #1 for the DWSRF in Spring 2025
- The community has had frequent line breaks, which have forced them to haul water daily from Entramosa (\$650/day) for two years – that’s \$520,000 paid by the members to haul 4.8 million gallons
- A substantial percentage of the pipe in the system is 2 inches in diameter and the pressure in parts of the system exceeds 180 psi requiring replacement of large sections of the water lines throughout the system
- The MDWCA serves 265 households (approximately 660 residents) and the Bernalillo County Fire Station #41 (domestic use, hydrants, and bulk water for fire fighting) for the past 50 years.
- Isolation valves are inoperable in critical locations and require replacement
- Four wells produce between 3 to 10 gallons per minute, limiting water supply
- Meter replacement and instrumentation to support conservation, efficiency and leak detection efforts



PROJECT READINESS

- Tranquillo Pines re-organized as MDWCA June 2025
- Partners include SWEFC, UNM, and Horrocks Engineering
- PER complete and AMP substantially complete
- Applied to WTB for funding to address NMED Administrative Order
- Following NMED’s compliance roadmap to 2027
- Comprehensive system database and performance metrics
- 100% Compliant with MDWCA reporting requirements



SELF-HELP

- Hands on volunteer board with 1000’s of hours invested
- Completed Asset Inventory
- Performing leak-detection and multiple water audits (working with NMRWA, ABCWUA, NMED including satellite imagery and synthetic aperture radar)
- Performing line repairs and valve replacements to isolate leaks
- Installing tank instrumentation and collecting and analyzing extensive amounts of data
- Hauling water daily for two years
- Preparing applications for funding and technical assistance



NM3561101 Timeline (abridged)

- November 2023 Catastrophic Leaks emerge draining system finances
- January 2024 Leak Isolation Tests Begin
- February 28, 2024, Tank Instrumentation Installed
- July 2024 Administrative order for fluoride MCL in POD7
- November 2024 Begin preparation for NMED-DWSRF loan for PER
- December 2024 SWP team solicitation to USGS for water age determination to inform fluoride
- January 2025 DWSRF application completed
- Feb 2025 Special Meeting to discuss leaks, reorganization, water hauling and assessment of 150%
- February 2025 DWSRF ranked TPWUC #1 (45 points) on Spring Supplemental Funding List
- March 2025 Pipeline Segment testing begins
- March 2025 Lead Line Service Inventory Performed
- March 2025 Sanitary Survey completed
- April 2025 CCR completed
- May 2025 DWSRF loan terms offered (\$60K, 12years, 3% life of loan)
- May 2025 SWEFC/UNM grant discussed for PER
- May 2025 Membership vote approves mutual domestic reorganization
- June 2025 DWSRF loan terms expired. Board rejects loan in favor of grant
- June 2025 NMED introductory call with SWEFC/UNM
- June 2025 Mutual Domestic Reorganization completed (filing **0008033505**, June 24, 2025)
- June 2025 SWPP completed
- July 2025 SWEFC/UNM grant for PER awarded (value \$83k), Horrocks Engineering selected
- July 2025 USGS follow-through with sampling to determine age of water
- July 2025 WTB NOI filed
- July 2025 Request for extension of AO re Fluoride violation
- August 2025 Online Bill Pay made available to members
- August 2025 WTB 2026 funding cycle training
- August 2025 Notice from ENV requesting more information to justify AO extension
- August 2025 Katina Wilson from NMED discusses SWPP at monthly board/member meeting
- September 2025 USGS samples well 6 to complete 4 well testing program
- September 2025 Planning Document Waiver submitted to WTB
- September 2025 NMED Maria Medina contacts RCAC on our behalf to help with Proposed Action Plan in response to our request for an extension to POD7 AO extension.
- October 2025 Waiver for planning documents approved by WTB
- October 2025 WTB/OSE Request for Verification form but no water conservation plan
- October 2025 NMED Proposed Action Plan for AO completed on our behalf by UNM
- October 2025 Stopped hauling water for 10 days and announced assessment reduction to 100%.
- October 2025 TPMD made it on the WTB 2026 recommended funding list for \$1.1MM
- November 2025 Preliminary budget preparation for DFA submission Dec 1.
- November 2025 send data support to Ramon Lucero at RCAC for rate study analysis
- November 2025 interim budget submitted to DFA-LGBMS
- November 2025 Water system sets up credentials with OSA
- December 2025 NMED request for AO extension granted with Proposed Action Plan, now 11/2027
- December 2025 Capital Outlay Legislature/Governor application submitted by Horrocks \$950k
- December 2025 SWEFC/UNM/TPMDWCA begin AMP document
- December 2025 Begin search for CPA