

LeakTracer — New Mexico's Statewide Satellite AI Leak-Detection Program

AI in the Public Sector · Good practice · United States of America

Quality score: 60/100

Evidence strength: Moderate

Summary

New Mexico's Environment Department paired satellite radar analytics with AI to find hidden water leaks in five pilot utilities, locating 82 leaks and cutting water loss by 240 gallons per minute before the state awarded ASTERRA a four-year contract to expand statewide.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-03

[New Mexico Environment Department \(NMED\), with ASTERRA](#) — accessed 2026-09-03

[WaterWorld](#) — New Mexico expands satellite leak detection program with ASTERRA — accessed 2026-09-03

[Geo Week News](#) — ASTERRA's AI-driven water leak detection technology — accessed 2026-09-03

[Business Wire](#) — New Mexico expands state-funded satellite leak detection program — accessed 2026-09-03

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