

Idaho is growing faster than almost anywhere. Its water math is getting harder.

The Treasure Valley is one of the fastest-growing regions in the country, the Eastern Snake Plain Aquifer is being rationed in court, and both the Public Utilities Commission and city councils are scrutinizing every rate request. For a utility CFO or capital lead, each of those forces reshuffles the projects on your list. Invizion helps Idaho utilities re-sequence a capital portfolio in a click — and defend every decision.

\$3.07B¹ Idaho's 20-year drinking water infrastructure need in EPA's 2023 survey — renewal that competes with growth and compliance for the same dollars.	6,400² Junior groundwater rights ordered curtailed across ~500,000 acres in May 2024 — the largest curtailment in Idaho history.	\$174.9M³ Federal Bipartisan Infrastructure Law water dollars directed to Idaho since 2022.	18.6%⁴ Meridian's population growth 2020–2024 — one of five Idaho cities in the nation's top 100 for growth.
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THE IDAHO LANDSCAPE

Four forces are moving your project list at once

None of these is theoretical, and none of them waits for your next budget cycle. Together they mean the capital plan you approved last year may already be the wrong plan.

DEMAND — GROWTH

Among the fastest-growing regions in the country

Five Idaho cities landed in the nation's top 100 for population growth from 2020 to 2024. Meridian added 21,946 residents to reach 139,740 (18.6% growth) and Nampa added 16,922 to reach 117,350 — and Caldwell and Kuna each grew more than 21%.⁴

Every new service connection is a capacity commitment.

Growth-driven capital — new wells, treatment, transmission, and storage — competes for the same dollars as renewal and compliance, and the sequencing between them is exactly what boards fight over.

SUPPLY — GROUNDWATER

The Eastern Snake Plain Aquifer is being rationed in court

In May 2024 the Idaho Department of Water Resources ordered curtailment of about 6,400 junior groundwater rights — roughly 500,000 acres — after finding senior surface-water users short. The order, targeting rights junior to a 1954 priority date to cover a 74,100 acre-foot shortfall, was called the single largest curtailment in state history.²⁷

A 2024 settlement and stipulated mitigation plan pulled most users back from the brink,⁶ but the conflict recurs every season: a 2026 order found a 181,600 acre-foot shortfall on the same system.⁵ For any utility that pumps the ESPA, where next year's supply comes from is now a capital and mitigation question, not just a resource one.

COMPLIANCE — AGING & QUALITY

Renewal and new mandates, on the same clock

EPA's 2023 survey put Idaho's 20-year drinking water infrastructure need at about \$3.07 billion — pipe, treatment, storage, and source work that has to be renewed regardless of anything else.¹

On top of renewal, PFAS is now a funded mandate under EPA's April 2024 limits. Idaho's known contamination sources are largely military — Mountain Home Air Force Base and Boise's Gowen Field — and DEQ has run dedicated PFAS sampling since 2021.⁸ New obligations don't replace the old backlog; they stack on top of it, and something on the list has to move.

AFFORDABILITY — RATE PRESSURE

Capital recovery, in front of a skeptical public

Veolia Water Idaho — the Treasure Valley's regulated provider, serving roughly 108,000 connections and about 265,000 people — invested \$74 million in system upgrades over 2023–2024 and filed for a 20.5% two-phase increase to recover it.⁹

Idahoans push back hard: in the prior case the company sought 24.1% and the Public Utilities Commission approved just 7.06%.¹⁰ Whether you recover capital through the PUC or a city council, the size and timing of what you can actually collect is a live constraint on the plan.

WHO RUNS IDAHO'S WATER

Mostly municipal, with one large investor-owned provider in the capital

Most Idaho cities run their own water and wastewater utilities, governed by city councils. The Treasure Valley is the exception: its drinking water comes from Veolia Water Idaho, a private company rate-regulated by the Public Utilities Commission. The pressures are shared; the accountability path differs.

Municipal utilities

Rates set by city council · capital approved by governing boards

Meridian ~139,740 residents · fast-growing municipal system⁴

Nampa ~117,350 residents · municipal water & sewer⁴

City of Boise Municipal wastewater & reclamation (drinking water via Veolia)

Idaho Falls, Pocatello, Twin Falls, Caldwell Large municipal water providers statewide

Groundwater & irrigation districts ESPA management & mitigation entities

Most of Idaho's public water systems are small community systems where funding gaps hit hardest.

Investor-owned utilities

Rates & capital recovery regulated by the Idaho PUC

Veolia Water Idaho ~108,000 connections / ~265,000 people · Treasure Valley⁹

Formerly SUEZ / United Water Idaho Same system, rebranded to Veolia in 2022

Small regulated water companies Numerous small IOUs under PUC oversight

Veolia committed \$74 million to Treasure Valley water upgrades across 2023–2024.⁹

Every capital dollar has to be defensible

Whether you answer to the Public Utilities Commission or a city council, the question is the same: why this project, why now, why at this cost? Idaho's oversight bodies — and its ratepayers — are asking it harder than ever.

Idaho Public Utilities Commission (IPUC) regulates rates and capital recovery for investor-owned utilities. In Veolia's prior case it approved 7.06% against a 24.1% request — approvals are not a formality.¹⁰¹¹

Idaho Department of Water Resources (IDWR) administers water rights and conjunctive management — the authority behind the Eastern Snake Plain Aquifer curtailment orders that now shape supply planning.⁷

Idaho DEQ holds Safe Drinking Water Act primacy — PFAS monitoring, lead and copper compliance, and the SRF program that funds the capital that follows.⁸

City councils & boards set rates and approve municipal capital plans in public, in front of ratepayers.

The money is moving — can your plan absorb it?

Idaho utilities have more capital funding available than they've had in a generation. The constraint is no longer only dollars — it's readiness: which projects are shovel-ready, which qualify, and how the timing lines up with everything else on the list.

~\$174.9M in Bipartisan Infrastructure Law water funding has flowed to Idaho since 2022, including roughly \$42.9M announced for 2024 alone — with almost half available as grants or principal forgiveness.³

Drinking Water SRF — DEQ's FY2024 plan carried a \$4.94M base capitalization grant plus BIL supplements of \$21.06M (general), \$7.56M (emerging contaminants), and \$28.35M dedicated to lead service line replacement, across 101 ranked projects.¹²

Clean Water SRF — DEQ's FY2024 wastewater plan totaled ~\$158M in resources, with a \$3.68M base grant, \$10.23M in BIL supplement, and ~\$5.45M in principal forgiveness for disadvantaged communities.¹³

Emerging-contaminant & lead set-asides — BIL emerging-contaminant dollars are offered at up to 100% principal forgiveness, a direct fit for PFAS-driven capital.¹²

IDAHO WATER, IN BRIEF

Questions Idaho utility leaders are asking

Short, sourced answers — the same facts we'll dig into on a call, in the context of your system.

What was the 2024 Eastern Snake Plain Aquifer curtailment order?

In May 2024 the Idaho Department of Water Resources ordered curtailment of roughly 6,400 junior groundwater rights across about 500,000 acres — the largest curtailment in state history — to cover a 74,100 acre-foot shortfall for senior surface-water users, targeting rights junior to a 1954 priority date. A settlement and stipulated mitigation plan later that year protected most users, but the conjunctive-management conflict recurs each season; a 2026 order found a 181,600 acre-foot shortfall²⁶⁵

How fast is the Treasure Valley growing?

Five Idaho cities ranked in the nation's top 100 for population growth from 2020 to 2024. Meridian grew 18.6% to 139,740 residents, Nampa 16.8% to 117,350, and Caldwell and Kuna each grew more than 21%. That growth drives new-capacity capital — wells, treatment, transmission, storage — that competes directly with renewal and compliance spending⁴¹⁴

Who sets my utility's rates in Idaho?

The Idaho Public Utilities Commission regulates rates for investor-owned utilities such as Veolia Water Idaho (formerly SUEZ / United Water). Municipal utilities — Meridian, Nampa, Idaho Falls, Pocatello, and others — set rates through their own city councils. Either way, capital spending has to be justified: in Veolia's prior case the PUC approved 7.06% against a 24.1% request¹¹

How much water infrastructure funding is available in Idaho?

The Bipartisan Infrastructure Law has directed about \$174.9 million into Idaho water infrastructure since 2022, including roughly \$42.9 million for 2024. DEQ administers the Drinking Water and Clean Water State Revolving Funds, with FY2024 BIL supplements including \$28.35 million dedicated to lead service line replacement and emerging-contaminant dollars offered at up to 100% principal forgiveness³¹²

Is PFAS a problem in Idaho drinking water?

Idaho's known PFAS contamination is largely tied to military sources — Mountain Home Air Force Base and Boise's Gowen Field. In EPA's earlier UCMR3 round, 33 Idaho systems tested with no detections above the method limit, and DEQ has run dedicated Method 533 sampling since 2021. EPA's April 2024 limits (4 ppt for PFOA and PFOS) now make PFAS monitoring and any needed treatment a funded compliance obligation⁸

How does Invizion help Idaho water utilities plan capital?

Invizion is scenario-based capital portfolio optimization for water utilities. It lets you model how an aquifer curtailment, a growth surge, a funding award, or a PFAS deadline reshuffles your whole project list, re-sequence the portfolio automatically against the constraints you set, and keep a defensible record of every trade-off for the PUC, your city council, or ratepayers. The best next step is a short first meeting to look at it against your own program.

REFERENCES

Sources

Every figure in this briefing is tied to a primary or authoritative source.

1. U.S. EPA — 7th Drinking Water Infrastructure Needs Survey and Assessment: Idaho 20-year need \$3.073B (Jan 2021 dollars); national \$625B, 2023. [epa.gov](https://www.epa.gov)
2. The Spokesman-Review — IDWR May 30, 2024 curtailment order: ~6,400 junior groundwater rights, ~500,000 acres, largest curtailment in state history, May 2024. spokesman.com
3. U.S. EPA — “EPA announces \$42M for Idaho drinking water, wastewater and stormwater”: ~\$42.96M for 2024, ~\$174.88M via BIL since 2022, February 2024. [epa.gov](https://www.epa.gov)
4. BoiseDev, citing U.S. Census Bureau estimates — five Idaho cities in the nation’s top 100 for growth; Meridian +21,946 to 139,740 (18.6%), Nampa +16,922 to 117,350 (16.8%), 2020–2024, May 2025. boisedev.com
5. Post Register — 2026 ESPA curtailment order finds 181,600 acre-foot shortfall for senior surface-water users, 2026. postregister.com
6. Idaho Capital Sun — 2024 settlement agreement and stipulated mitigation plan protect most Idaho water users from curtailment; 2025 update, July 2025. idahocapitalsun.com
7. Idaho Department of Water Resources — FAQ on the Director’s 2024 curtailment order: rights junior to March 31, 1954; 74,100 acre-foot Twin Falls Canal Co. shortfall; affected groundwater districts, June 2024. idwr.idaho.gov
8. Idaho DEQ — “PFAS and Idaho Drinking Water”: UCMR3 33 systems, no detections above method limit; Mountain Home AFB and Gowen Field sources; Method 533 sampling since 2021, 2024. deq.idaho.gov
9. Idaho Capital Sun — “Veolia proposes rate increase after investing \$74 million in Treasure Valley upgrades”: ~108,000 customers / ~265,000 people, 20.5% two-phase request (Docket VEO-W-24-01), December 2024. idahocapitalsun.com
10. Idaho News (KIVI/6) — Idaho PUC approves Veolia water rate increase; company sought 24.1%, commission approved 7.06% (~105,000 Ada County customers), 2023. idahonews.com
11. Idaho Public Utilities Commission — Final Order No. 35762, Veolia Water Idaho rate case (Docket VEO-W-22-02), April 2023. puc.idaho.gov
12. Idaho DEQ — FY2024 Drinking Water SRF Intended Use Plan: \$4.938M base cap grant; BIL supplements \$21.055M general, \$7.555M emerging contaminants, \$28.35M lead service lines; 101 ranked projects, 2024. deq.idaho.gov
13. Idaho DEQ — FY2024 Clean Water SRF Intended Use Plan: ~\$157.97M total resources; \$3.683M base cap grant; \$10.233M BIL supplement; ~\$5.45M principal forgiveness; 75 ranked projects, 2024. swefcsrfsitchboard.unm.edu
14. Idaho Capital Sun — five Idaho cities ranked in top 100 nationwide for population growth, U.S. Census Bureau data, May 2025. idahocapitalsun.com

ABOUT INVIZION

Capital program optimization for utilities

Invizion is a purpose-built capital lifecycle management platform for water and wastewater utilities. It integrates budgeting, CIP, scenario analysis, and funding-source tracking in one system — so utilities can re-sequence a capital portfolio in a click and demonstrate audit-ready, defensible decisions to regulators, boards, and rating agencies.

See what a defensible Idaho capital plan looks like — book a 20-minute first meeting.

Book your first meeting →