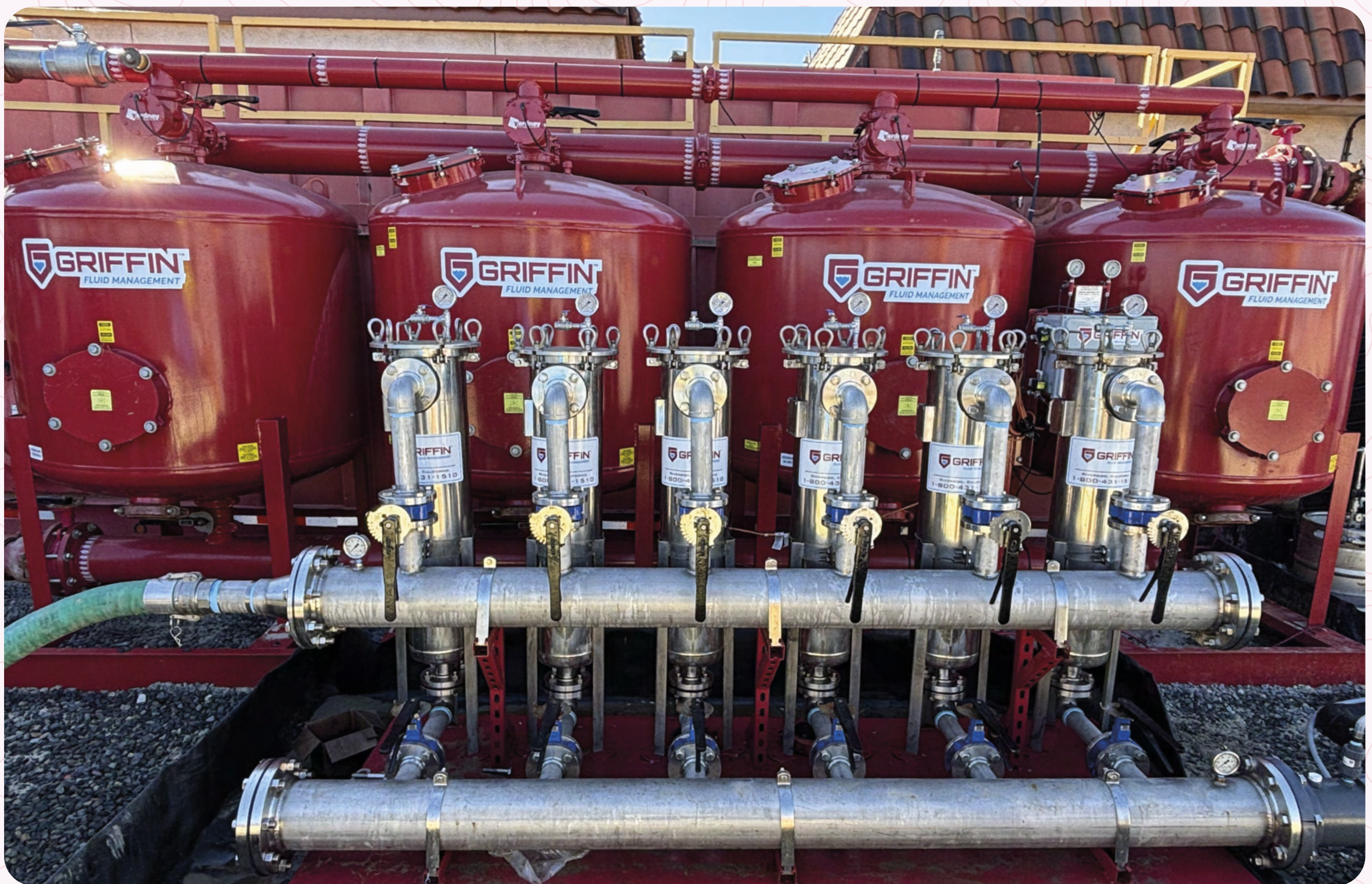




Technical Solutions for Water Treatment and Filtration

Lab reports and field reality rarely align.

Griffin doesn't design for your sample report—we engineer adaptive treatment systems designed for real world variability, not just test results. Whether you're facing PFAS, heavy metals, volatile organics, or industrial waste streams, Griffin provides the treatment capacity, regulatory knowledge, and operational reliability you need.



Engineered to Solve. Delivered with Excellence.



griffinfluidmanagement.com



800-431-1510

Comprehensive Treatment Capabilities

Our treatment systems address both routine and highly specialized contamination. All systems are designed to meet NPDES and regulatory discharge requirements:

What We Treat	Treatment Technologies	System Specifications
Physical: Total Suspended Solids, turbidity, sediment	Media Vessels (Organo clay, GAC, ion exchange resin)	Capacity Range: 20,000 GPD to 2M+GPD
Chemical: pH imbalance, hardness, iron & manganese	Bag & Sand Filtration Systems	Deployment: Skid-mounted or trailer-mounted
Heavy Metals: Arsenic, radium, uranium, selenium	Chemical Injection and pH Adjustment	Footprint: Compact designs for urban/restricted sites
Organics: VOCs, BTEX, hydrocarbons	Oil/Water Separators and UV Systems	Power: Adaptable for various power sources
Emerging Contaminants: PFAS, PFOA, PFOS, 1,4-Dioxane		

The Griffin Difference

CASE STUDY: CASTAIC CREEK BRIDGE GROUNDWATER TREATMENT
California DOT | TDI 2025 Groundwater Treatment Project of the Year

System Configuration	Multi-Barrier Treatment Train
Project Challenge	Manage high-volume dewatering flows near 1,000 gallons per minute with strict NPDES discharge requirements into a sensitive creek channel. The project demanded oversized treatment equipment, complex chemical processes, and precise operation to meet extremely low discharge limits—all within tight space constraints in an active waterway.
Griffin Solution	- High-capacity mobile treatment system handling 1,000 GPM continuously - Multi-barrier train: solids removal, chemical treatment, filtration, specialized media - Pre-construction sampling and design optimization 24/7 operation with constant monitoring and minimal maintenance required
Project Outcome	Griffin treated more than 165 million gallons without interruption and maintained 100% regulatory compliance throughout the project. Our ownership of the project end to end—dewatering, treatment, and compliant discharge—allowed the contractor to focus on construction while Griffin ensured environmentally responsible discharge throughout the project.

Predictable Costs and Competitive Pricing

Fixed-Scope Turnkey Pricing

A single contract covers system design, equipment, installation, continuous water quality monitoring, treatment adjustments, and compliance reporting. With our dewatering expertise, our team can control the water from underground through final discharge.

Ready Equipment Inventory

Our expansive fleet supports immediate mobilization. No waiting for third-party rentals or paying emergency equipment markups.

Value Engineering Approach

We engineer systems sized for actual contaminant levels and peak flow requirements - preventing permit violations and unnecessary equipment.

Griffin’s Integrated Approach

Our team evaluates your data and regulatory constraints to engineer the most effective and compliant treatment approach—whether that’s rapid sediment removal or a sophisticated multi-barrier treatment train that addresses multiple contaminant classes simultaneously.

- 1

Discharge Planning

Review water quality data, analyze regulatory limits, and assess site constraints
- 2

Technology Selection

Select optimal treatment approach for your specific contaminants and flow rates
- 3

Engineered Design

Design custom treatment system, in collaboration with client, to meet all permit requirements
- 4

Expert Installation

Install, test, and commission complete treatment system with all monitoring equipment
- 5

Active Compliance Management

Continuously monitor effluent quality, adjust treatment parameters, and maintain regulatory compliance throughout operations

Why Griffin?

Engineering That Adapts

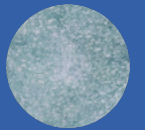
Our designs account for real-world complexities—from site constraints and field variability to adjacent infrastructure and staging logistics. When conditions differ from plans, we adjust proactively to keep your project on track.

Proven Field Expertise



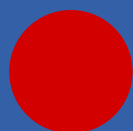
Decades of managing critical projects means we recognize potential issues early and reconfigure systems before they become problems. Our experience across 20,000+ projects prevents costly delays and ensures operational reliability.

Turnkey Solutions



Griffin provides complete fluid management solutions with single-source accountability. Our integrated capabilities across multiple service lines eliminate coordination burdens and minimize your risk. No other company matches our depth of equipment inventory and technical expertise.

Customer-Focused Service



We solve your specific challenges, rather than deploying standard packages. Whether facing budget constraints, compressed timelines, or complex site conditions, we engineer cost-effective solutions that are custom-tailored to your requirements.

Industry Recognition



ABC-EIC 2021 Excellence in Construction Awards Winner
ABC-STEP 2021 Platinum
ABC-AQC Accredited Quality Contractors Since 2020
TDI 2025 Groundwater Treatment Project of the Year
TDI 2024 Dewatering Consultant Project of the Year

Engineered to Solve. Delivered with Excellence.

Want to discuss how Griffin can solve your toughest water treatment challenges? Get in touch with our experts.

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