



2025 Pretreatment Training

Pretreatment 101 – Introduction to the Pretreatment Program for Wastewater Utilities

May 13 | 8:00 AM – 5:00 PM

Diamond I | Westin San Diego Bayview | San Diego, CA

Instructor:

Pat Bradley, Michael Baker International, VA

Alex Arnold, NJBSoft, LLC, CO

Morning

7:30 – 11:00	Registration
7:30 – 9:00	Continental Breakfast
8:00 – 8:30	Module 1 – Welcome, Introduction and Program Overview
8:30 – 9:00	Module 2 – Regulation Overview
9:00 – 9:45	Module 3 – Industrial User Identification
9:45 – 10:00	Break
10:00 – 10:45	Module 4 – Permitting Industrial Users
10:45 – 12:00	Module 5 – Pretreatment Standards

Afternoon

12:00 – 1:30	Lunch (on your own)
1:15 – 4:00	Registration
1:30 – 2:00	Module 6 – Local Limits
2:00 – 2:45	Module 7 – Inspection and Monitoring
2:45 – 3:00	Break
3:00 – 3:15	Module 8 – Reporting
3:15 – 3:30	Module 9 – Data Management
3:30 – 3:45	Module 10 – Enforcement
3:45 – 4:00	Module 11 – Resources
4:00 – 4:45	Putting It All Together – Program Development
4:45 – 5:00	Module 12 – State/EPA Compliance Activities (Inspections and Audits)
5:00	Adjourn



About the Instructor:

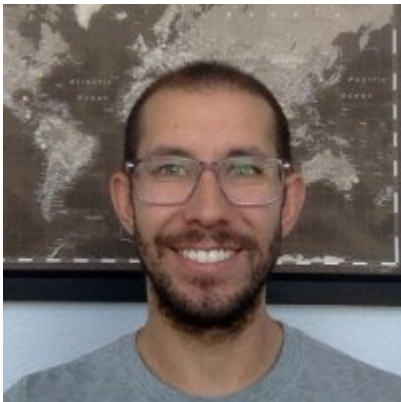


Patrick Bradley

Clean Water Act Specialist
Michael Baker International
Virginia Beach, VA

Pat Bradley is a Clean Water Act Specialist with Michael Baker International focusing on compliance issues including NPDES, Pretreatment, CSOs and stormwater. He has over 35 years of experience managing water quality related programs.

Prior to joining Michael Baker, Mr. Bradley worked for RES, the City of Richmond VA, LimnoTech, US Environmental Protection Agency and the Department of the Navy. He has a BS in Biology from the State University College at Plattsburgh, NY and an MS in Biology from the University of Texas at Arlington.



Alex Arnold

Wastewater & Pretreatment Specialist
NJBSOft, LLC
Erie, CO

Alex Arnold is an experienced environmental professional with a strong focus on Industrial Wastewater Management and Pretreatment Program development. With over a decade of hands-on experience, Mr. Arnold has worked extensively with both Municipal and Industrial clients to implement efficient and compliant wastewater solutions. His expertise includes regulatory compliance, industrial load reduction strategies, and the integration of innovative technologies into pretreatment systems. Known for his collaborative approach and technical insight, Mr. Arnold has contributed to several industrial initiatives aimed at improving water quality and sustainability in urban infrastructure. He is passionate about advancing environmental stewardship through practical, data-driven solutions.