



Introduction to the Pretreatment Program for Wastewater Utilities

May 13, 2014

8:00 am – 5:00 pm

The Depot Renaissance Minneapolis Hotel
Minneapolis, Minnesota

Instructors:

Pat Bradley, LimnoTech, Inc.
Bob Griffin, Shield Engineering, Inc.

AGENDA

Morning

7:30 – 8:00	Breakfast (included in Training registration)
8:00 – 8:30	Welcome and Introduction; Module 1 – 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)
1:30 – 2:00	Module 6 – Local Limits
2:00 – 2:45	Module 7 – Inspection and Monitoring
2:45 – 3:15	Module 8 – Reporting
3:15 – 3:30	Break
3:30 – 3:45	Module 9 – Data Management
3:45 – 4:15	Module 10 – Enforcement
4:15 – 4:30	Module 11 – Resources
4:30 – 5:00	Module 12 – State/EPA Compliance Activities (Inspections and Audits)
5:00	Adjourn

About the Instructors:

Pat Bradley

Senior Scientist
LimnoTech, Inc.
Washington, DC

Pat Bradley is a Senior Scientist at LimnoTech with more than 25 years of experience in the field of water quality, Pretreatment Program implementation and NPDES permitting, including permit writing, permit implementation as an NPDES permit holder, water quality criteria development, and research on the effects of wastewater discharges. Pat's current work focuses on solutions to NPDES permitting and water quality related issues. Pat has extensive regulatory experience including most recently serving as the Assistant Chief of the State & Regional Branch in the Water Permits Division at the U.S. Environmental Protection Agency (EPA) Headquarters in Washington, DC, and a number of other positions including National Pretreatment Program Manager. Prior to working at EPA headquarters, Pat worked for the Department of the Navy, for EPA in Region 6 as a NPDES permit writer and enforcement inspector, and as an environmental consultant. Pat received a BS in Biology from the State University College at Plattsburgh, New York and an MS in Biology from the University of Texas at Arlington.

Robert L. Griffin

Chief Operating Officer
Shield Engineering, Inc.
Charlotte, NC

Mr. Griffin is a registered professional engineer at Shield Engineering, Inc. and has over 30 years' experience working with Water Sector operations, Chemical Sector, Pharmaceutical Sector and other governmental and non-governmental clients on a broad spectrum of environmental issues associated with industrial and municipal wastewater treatment, as well as a full range of environmental permitting. A frequent speaker and instructor, Mr. Griffin has taught numerous Pretreatment Courses and Industrial User Classification and Permitting - Pretreatment Training Courses, as well as EPA's Oil and Grease Course for municipalities. Bob has presented numerous VSAT™ training sessions over the past 10 years across the country. Bob has presented training for clients ranging from US EPA and the Department of Justice to Petrochemical/Manufacturing Associations and over 1000 different municipalities.

Mr. Griffin has chaired the North Carolina Water Environment Association (WEA) Committee responsible for developing and implementing training for the certification of operators of physical/chemical treatment systems. Bob has been associated with operator training for over 25 years. He is a Certified Environmental Auditor, Grade IV Certified Wastewater Treatment Plant Operator, and Grade II Physical Chemical Operator in North Carolina. Prior to becoming a consultant Bob worked for municipal government in the capacity of Industrial Waste Technician, Chemist, Industrial Waste Division Manager, and System Protection Division Head.