2020 Pretreatment Training

Improving Your FOG Program

May 12, 2020 | 8:00 am – 5:00 pm
Nashville Marriott at Vanderbilt University | Nashville, TN

Instructors:
Clayton Brown, Western State Alliance, WA
Ken Loucks, IW Consulting Services, LLC, WA

AGENDA

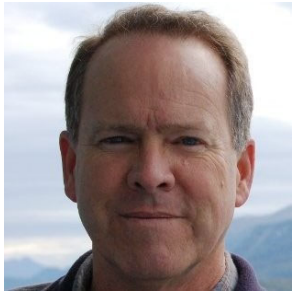
Morning

7:30 – 11:00	Registration
7:30 – 9:00	Continental Breakfast
8:00 – 8:10	Welcome and Introductions
8:10 – 8:50	Module 1 – Calculating the Cost of FOG (Status Quo)
8:50 – 9:45	Module 2 – Estimating the FOG Program Cost
9:45 – 10:00	Break
10:00 – 10:50	Module 3 – Planning a FOG Program
10:50 – 12:00	Module 4 – Presenting the Plan to Municipal Decision-Makers

Afternoon

12:00 – 1:30	Lunch (on your own)
1:15 – 4:00	Registration
1:30 – 2:15	Module 5 – History and Evolution of Grease Interceptors
2:15 – 3:00	Module 6 – How Grease Interceptors Work, with Demonstration
3:00 – 3:15	Break
3:15 – 4:20	Module 7 – Sizing Grease Interceptors with Grease Production
4:20 – 5:00	Module 8 – Case Studies: FOG in the Real World
5:00	Adjourn

About the Instructors:



Clayton Brown
Program Manager
Western States Alliance
Seattle, WA

Clayton Brown is the Program Manager for the Western States Alliance, a membership organization that helps protect our environment by working with stakeholders to develop and use best practices in managing the fats, oils and grease (FOG) that are typically disposed of in sewage from restaurants and other food service establishments.

Prior to October 2017, Mr. Brown was the Source Control Manager for Clean Water Services, a sanitary sewer and surface water management public utility district serving over 560,000 customers in Washington County, Oregon. In that role, he was responsible for several environmental programs including Industrial Wastewater Pretreatment, Industrial Stormwater, Pollution Prevention and Illicit Discharge Detection and Elimination (water quality investigations).

He is an award-winning, dedicated, resourceful, results-oriented clean water industry professional with over 31 years of pollution control and water treatment experience. He demonstrates innovative leadership, team building and coaching skills with the ability to motivate staff using holistic and collaborative communication. Mr. Brown has proven program and project management skills and a demonstrated capacity to drive projects to successful completion. He is responsible for numerous process improvements resulting in significant resource and capital savings and is active in several industry associations.

Mr. Brown lives with his wife, Tricia, in Newberg, Oregon. They enjoy spending time with their grandchildren at their little cabin near Lake Cushman, Washington.

Ken Loucks
Principal - Member
IW Consulting Service
Vancouver, WA

Ken Loucks, principal and member of IW Consulting Service, LLC, has been in the plumbing and fats, oils and grease (FOG) related industry since 1989. He is a member of the technical committees that administer the grease interceptor product standards ASME A112.14.3, CSA B481 and IAPMO/ANSI Z1000/Z1001/Z1001.1. He was a contributing editor to the 2016-2017 edition of the American Society of Plumbing Engineers Data Book Volume 4, Plumbing Components and

Equipment, Chapter 8, Grease Interceptors. He is a current member of the American Society of Plumbing Engineers (ASPE), the American Society of Mechanical Engineers (ASME), the Canadian Standards Association (CSA), the International Association of Plumbing and Mechanical Officials (IAPMO), and the International Code Council (ICC).

As an educator, Mr. Loucks has given live presentations at workshops and conferences to thousands of people across the US and Canada on various subjects relating to commercial grease interceptors. Audiences have included pretreatment professionals, plumbing, mechanical and civil engineers, plumbing code officials and plumbing and pumping contractors. He has also been blogging about commercial grease interceptors since 2009 as the Interceptor Whisperer (www.interceptorwhisperer.com/iw-blog), which is read internationally by more than 25,000 people annually.