Waste Water Training Materials

Higher Life forms CD - This CD has over 150 high resolution videos of the microorganisms observed under the microscope. It is one thing to read about it in a book, another to see examples and videos of actual organisms using different magnifications. 100x, 200x, 400x and 1000x illuminations are used. Bright field, dark, phase contrast, and inverted field give you a look at these organisms from all sizes and lighting. 1-CD $75.95

Filamentous Bacteria Identification CD - This CD has over 1500 photos of floc structures, filaments and foaming observed under the microscope. Plant pictures with these conditions are also included. Again reading about it in a textbook is not the same as seeing examples and videos of actual filaments at different magnifications. 100x, 400x and 1000x illuminations are used. Bright field, dark, phase contrast, and inverted images give you a look at these organisms from all sizes and lighting. Gram, Neisser and India Ink stains as well as some Lactophenol Cotton Blue stains may be used on some photos. Tip sheet on how to take the best photos of your own sample is also included. Staining procedures, Filamentous Identification information, & individual filament sheets with information on the filaments, control and troubleshooting are also included in this valuable CD. 1-CD $75.95

Wastewater Microbiology CD - for beginning and intermediate engineers, operators or consultants. What is going on under the microscope, as well as how to take great photomicrographs is described. What are the reasons to take photomicrographs, what stains to use, what you are looking at, how to interpret what you see. These are some of the topics covered in this in depth training course: Hundreds of photos and information on filaments & higher life forms are included. How they correlate to what is happening in the biological system is detailed. . . . It is amazing what one or two drops of water can tell you by looking under the microscope. Learn how to use this valuable information to run the plant more efficiently, be proactive and be effective! 1-CD $125.95

Wastewater Training CD – Invaluable Training materials on Secondary Biological Wastewater Treatment. Basic process operations, troubleshooting, microbiological basics, training, auditing, tips and hands on testing. This includes operator training that can help you study for your operator’s license. A must for anyone dealing with wastewater 1-CD $125.95

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- Biological Nutrient Removal
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- Filamentous Bacteria
- Microscopic Analyses
- Tools & Tricks for Monitor/Control
- Lift stations & Collections Systems
- Jet Trucks
- Landfills
- Beneficial Reuse
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- Toxicity testing
- Odor Control
- Raw Water Clarification
- Bioengineering
- Oily Water Separation
- Heavy Metal Separation
- Antifoams
- Flocculants & Coagulants

**Advanced Training CD – © “Filamentous Identification The Easy Way”™ - $395.00**

Full brochure for this CD on last page

This amazing disc makes Identification of Filaments Easy & Simple.
While combining WW treatment plant processes, troubleshooting procedures & correct process changes.

Filamentous Identification: New & Easy Methods.
Using the Microscope - Tips & Procedures.
Foaming problems, Bulking vs. Bridging, Filament & Floc characteristics with Troubleshooting & Process Optimization. This CD will give you the power to improve your wastewater treatment system.
**Wastewater Microbiology Manual**

This Manual is for beginning & intermediate engineers, operators or consultants. What is going on under the microscope, how to take great photomicrographs. What are the reasons to take photomicrographs, what stains to use, what you are looking at, how to interpret what you see. . . . These are some of the topics covered in this training course.

Pictures and information on filaments, higher life forms, how they correlate to what is happening in the biological system. . . . It is amazing what one or two drops of water can tell you by looking under the microscope. Learn how to use this information to run the plant more efficiently, be proactive and be for effective! CD included also $275.00

**Wastewater Training**

This Manual contains training materials on Secondary Biological Wastewater Treatment. Troubleshooting, Microbiological Basics, Training, Auditing, Tips and Hands-on Testing. This Manual also covers general information, process information, equipment, technology, microbiology, and chemistry. A must to have for anyone working with wastewater! CD included also $275.00

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Causes and Controls
All the Easy way!!!

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Learn The Filaments

This amazing CD makes Identification Easy and Simple. While combining wastewater treatment plant processes and troubleshooting procedures.

Our version of “Filamentous Identification for Dummies”

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• Power to enable you to optimize your system.
• We specialize in this.
• We know the microbiology inside out, and want to show & teach you what to do with it.

Log onto our site from anywhere, anytime to find out more information.

Table of Contents:
What are filaments?
Filamentous Identification methods used
Using the microscope tips and procedures
Filament and Floc Characteristics
Bulking vs. Bridging
Foaming problems
Cheating and using individual characteristics to skip to the chase!
Plant Troubleshooting

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