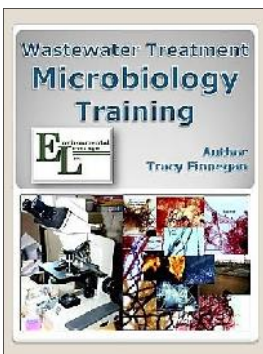
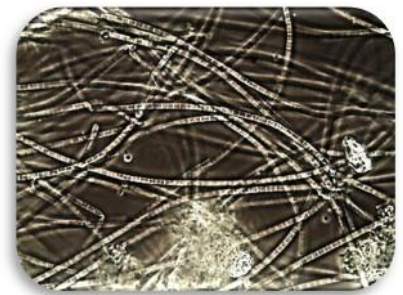


Waste Water Training Materials – Author Tracy Finnegan



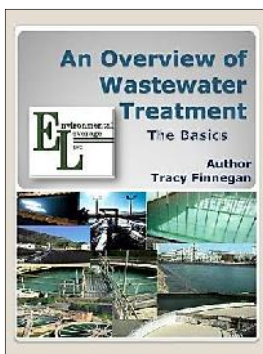
Higher Life forms CD - This CD has over 150 high resolution videos of the microorganisms observed under the microscope. It is one thing to read about it in a book, another to see examples and videos of actual organisms using different magnifications. 100x, 200x, 400x and 1000x illuminations are used. 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 all intermediate engineers, operators or consultants and beginners. 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

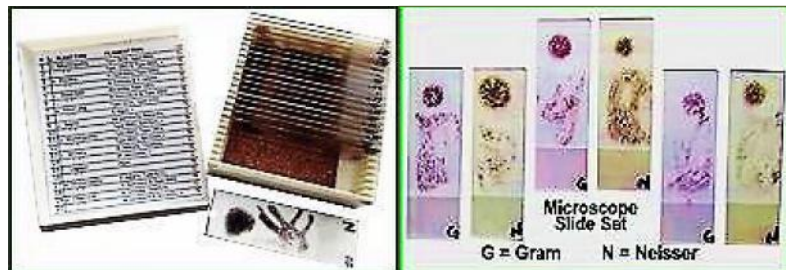
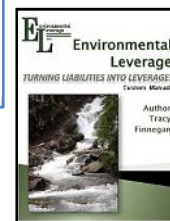
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Advanced Filamentous Training / Learn the Filaments

When there are excessive levels of filaments, chlorination or peroxide are typically used to burn off these filaments. But these are costly bandaids. It is actually better to find out the cause and make the correct process change, slowly waste out the filaments, reseed with a commercial product if necessary. Otherwise, it could take 2-3 sludge ages or more for the filaments go away. A process change is always necessary, even if heavy chlorination is used. If the condition that caused the filaments to grow does not change, the filaments will always come back. Some filaments are good BOD degraders, they just cause too many solids handling costs, dewatering problems and/or bulking in the clarifier.

This training will assist you in identifying the Filaments in order to make the correct process change. Learn the filaments.

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Easy & Simple.

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Foaming problems, Bulking vs. Bridging, Filament & Floc characteristics with Troubleshooting & Process Optimization. This Training Material will give you the power to Improve your Treatment System.