

KENTUCKY – DIVISION of WATER

APPROVED CE CLASSES (Page 1.)

<u>Course & Title</u>	<u>Credit Hours</u>	<u>DCA Event #</u>
<p>▶ Filtration Media & Startup</p> <p>Course is designed to provide information on under-drain inspections, media installation practices, disinfection and core sampling for new installation or remediation projects.</p>	2.0 Hrs.	3157
<p>▶ Sodium Hypochlorite & Breakpoint Chlorination</p> <p>Course is designed to show liquid bleach as a primary disinfectant in potable water applications and how it affects CL2 residual and THM, HAA5 production. Breakpoint chlorination is still a great tool to insure proper disinfection and keep DBP's at a minimum.</p>	2.0 Hrs.	3158
<p>▶ Main Flushing & Hydrant Maintenance</p> <p>Course describes how to implement a hydrant flushing program and the effects of water age in the distribution system. Hydrant maintenance and repair is also discussed and a step by step approach to mapping and record keeping.</p>	2.0 Hrs.	3159
<p>▶ Filter Assessment & Filter Optimization</p> <p>Course is designed to allow operators to obtain the necessary skills to complete in-plant filter assessments and to determine operational efficiencies on dual media filter units. Optimization strategies are discussed to allow for improved filtration.</p>	4.0 Hrs.	1944
<p>▶ Filter Assessment & Optimization Control</p> <p>Course is designed to provide operational personnel the skills to complete a filter assessment program to determine the efficiencies of dual media filtration systems. This course is a hands on training that is completed in a filtration system environment and is approved as an actual assessment for their approved PWS ID system.</p>	6.0 hrs.	1698
<p>▶ Plant Optimization & Facility Upgrade</p> <p>Course is designed to provide optimization skills to operational personnel. This includes inplant jar testing, chemical feed calibration, chemical feed point selections and filtration optimization. Filter aid chemistries are evaluated to enhance filtration performance. System evaluation for upgrading equipment and process control is also discussed.</p>	4.0 Hrs.	1564
<p>▶ Plant Optimization Using Jar Testing</p> <p>Course is designed to implement in-plant jar testing and jar testing for screening coagulants, coagulant aids, filter aids and post clarification pH adjustment. Instructions are provided to set jar test equipment to match plant characteristics, utilizing EPA/ KY-DOW protocol.</p>	3.0 Hrs.	1943

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APPROVED CE CLASSES (Page 2.)

<u>Course & Title</u>	<u>Credit Hours</u>	<u>DCA Event #</u>
<p>▶ Everything You Ever Wanted To Know About Carbon</p> <p>Course is designed to discuss the purpose of activated carbon feed, the benefits and problems associated with the use of carbon. The different types of carbon and how to select the best type and set proper dosage rates are discussed.</p>	2.0 Hrs.	1945
<p>▶ Steaming Current Monitors & Optimization Control</p> <p>Course is designed to provide instruction on how streaming current monitors work and how to utilize them for plant optimization. Discussion on automated coagulant control looking at the pros and cons of automation.</p>	3.0 Hrs.	1816
<p>▶ “I Want You to Be A Professional”</p> <p>Course is designed to show the importance of being a professional in the water industry. Discussions on goal setting, employee performance and training are provide to learn to think out of the box.</p>	2.0 Hrs.	1817
<p>▶ Safety-First: Handling of Chemicals in Our Industry</p> <p>Course is design to understand the “Right to Know” Requirements, How to identify the hazards, and how to read and interpret the MSDS. Hazardous communication and training issues within the water industry are discussed.</p>	2.0 Hrs.	1818
<p>▶ Stage 2 DBP Regulatory Update - IDSE Overview</p> <p>Course is designed for operational personnel to learn the new regulations that are being promulgated in regards to the water distribution systems and the LT2 and DPB regulations. Course includes planning, budgeting and process control strategies to meet these new regulations.</p>	2.0 Hrs	3620

**New courses are being designed and approved for CE hours for operators of water treatment facilities and distribution personnel. Let us train your staff in house on plant specific issues.*

Training & Presentations by:

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