

Russ, Inc.

80 Parkway Lane
Central City, KY 42330

Water and Wastewater Consulting

Phone 270-754-3359, Cell 270-543-3734

January 29, 2016

Jeff Derouen
Public Service Commission
P O Box 615
Frankfort KY 40602-0615

RECEIVED

FEB 2 2016

Public Service
Commission

Dear Mr. Derouen,

I have enclosed 10 copies plus the original of a water training class application I am sponsoring to be held Feb. 23 & 24, 2016.

If you have any question or need to contact me I can be reached by phone at 270-543-3734 or email at gary.russ@russinc.com.

Sincerely,



Gary Russ

<p>Mail to:</p> <p>Division of Compliance Assistance Certification and Licensing Branch Operator Certification Program 300 Fair Oaks Lane Frankfort, KY 40601</p>	<p>Commonwealth of Kentucky Department for Environmental Protection</p> <p>Application for Approval of Courses for Continuing Education Credit</p> <p><i>Drinking Water Treatment, Drinking Water Distribution, Bottled Water, Wastewater Treatment and Collection System</i></p> <p>Telephone: 1-800-926-8111 www.dca.ky.gov/certification</p>	<p><i>For Official Use Only Do not write in this space</i></p> <p>RECEIVED</p>
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I. Course Sponsor Information:

Agency Interest Number: _____

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A. Sponsoring Organization (school, business, association, etc.):

Russ, Inc

Key Contact Person:

Name and Title: Gary Russ, OwnerAddress: 80 Parkway LaneCity, State and Zip: Central City, KY 42330Phone and Fax: 270-754-3359E-mail: gary.russ@russinc.com

Web Page: _____

 One-Time Approval Requested Two-Year Approval Requested

B. If individual requesting approval is different than the key contact person for the sponsor, please complete the following information:

Name and Title: _____

Address: _____

City, State and Zip: _____

Phone and Fax: _____

E-mail: _____

II. General Course Information:A. Title: Water Treatment and DistributionB. Location and Date/s: Feb. 23 & 24, 2016 Powderly KYC. Cost per Student or Group: \$ Free

D. Delivery Format or Media (check those that apply):



Classroom



Web/Online



Laboratory



Exhibition



Field



CD-ROM



Video/Audio



Correspondence



Other (Explain)

E. Continuing Education Credits (**hours**) Requested for Target Audience:Drinking Water Treatment, Distribution and/or Bottled Water: 12 hoursWastewater Treatment and/or Collection: 12 hours**(Attach a detailed description explaining how this training relates to the wastewater treatment process.)**III. **Required Items** (must be attached to submittal, check off as completed):

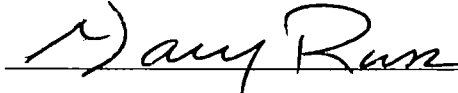
- A. Course Learning Objectives
 B. Criteria for Successful Completion by Operators
 C. Agenda (timed with instructors identified and brief description of topics)
 D. Credentials for All Instructors

IV. **Additional Attachments** (required for distance learning courses, optional for other training):

- A. Instructional Design (developed by whom/their credentials)
 B. Curriculum Content (subject matter experts/their credentials)
 C. Required Assignments and/or Examinations (type, passing score, etc.)
 D. Mandatory Time Constraints (deadlines, granting of extensions, etc.)

V. **Signature of Sponsor's Contact Person**

I confirm that all information provided with this application is accurate to the best of my knowledge. A complete list of attendees and credits to be awarded to them will be forwarded on a "Continuing Education Activity Report" to the Kentucky Division of Compliance Assistance (within 30 days of completing the course when possible).

Printed Name and Title: Gary Russ, President/Owner Russ, Inc. 1/29/16Signature and Date:  1/29/16

A: Course Learning Objectives ,

The objective of this course is to provide the operators with new information to assist them in the operations of the Water Treatment Plant and Distribution system or serve as a fresher to aid them.

B: Criteria for Successful Completion

No exam will be given during this training course. Each operator must sign-in each day and a course proctor will be present to ensure that all of the participants attend the courses. If an operator chooses to leave before the completion of the course they will only receive credit for the hours attended. This will be noted on the roster turned into the DCA.

C: Agenda and Instructor Credentials

Day 1

8:00 am – 9:45 am

Title: Division of Water Update

Hours Requested: 1.75

Speaker: Jackie Logsdon, DOW - Madisonville

Topic: This presentation will focus on upcoming issue facing the water industry.

10:00 am – 11:30 am

Title: VFD “The Basics”

Hours Requested: 1.5

Speaker: Jim Klauer, Danfoss Drives

Topic: This presentation will look at the basic operations and problems of variable frequency drives.

12:30 pm – 2:00 pm

Title: Vertical Turbine Pumps 101

Hours Requested: 1.5

Speaker: Justine Stringer, Hydroflo Pumps

Topic: This presentation will focus on pump operation and maintenance

2:15 pm – 3:30 pm

Title: Onsite Hypochlorite Generation

Hour Requested: 1.25

Speaker: Jim Pelton, Pelton Environmental

Topic: This presentation will take a look at how a system could produce it one disinfectant.

Day 2

8:00 am – 9:00 am

Title: Chemical Feed pump repair

Hours Requested: 1.0

Speaker: Jason McGee, ADC Chemical

Topic: This presentation will cover repair of peristaltic feed pumps.

9:00 am – 10:00 am

Title: Case Study – “City of Paris KY”

Hours Requested: 1.0

Speaker: Chris Steward, HMB Engineering, Kevin Crump, City of Paris

Topic: This presentation will look at the upgrades to the City of Paris infrastructure

10:15 – 11:30

Title: Case Study – “City of Paris'KY”

Hours Requested: 1.25

Speaker: Chris Steward, HMB Engineering

Topic: This presentation will look at the upgrades to the City of Paris infrastructure

12:30 pm – 1:30 pm

Title: Disinfection by Products

Hours Requested: 1.0

Speaker: Joe Grider, HMB Engineering

Topic: This presentation will look at the development of TTHM and HAS and ways to improve water quality

1:45 pm – 2:45 pm

Title: “What Engineers Need From Their Clients”

Hours Requested: 1.0

Speaker: Kerry Odle, HMB Engineering (Bio on File)

Topic: This presentation will look at what information is need for a successful project.

2:45 – 3:30

Title: Wrap up & Review

Hours Requested: 0.75

Speaker: Gary Russ, Russ, Inc.

Topic: An over view of the topics covered.

Speakers Credentials

Justin Stringer

Justin has a Master's in Operations Management from the University of Arkansas, and Bachelor's in Geology from the University of Alabama. He has worked in the field of pumps and custom filtration systems focused on mining, industrial, and municipal markets for over 6 years. He is currently the Northeast/Midwest Regional Sales Manager for Hydroflo Pumps.

Jim Klauer

Jim attended the Milwaukee School of Engineering, majoring in Computer Engineering Technology. He has worked in the analytical instrumentation field for more than thirty years and held various positions in Sales, Marketing, Customer Service, Field Service, and Manufacturing. Currently he is employed by Danfoss Drives as the Central Regional Sales Manager in the Water and Wastewater division. Danfoss is one of Denmark's largest industrial manufacturing companies, manufacturing products for Refrigeration and Air Conditioning, Industrial Controls, Heating and Water, and Motion Controls. The Water and Wastewater division manufactures and distributes, variable frequency drives (VFDs) and softstarters.

Jim Pelton

I graduated from Purdue University with a BS in Mechanical Engineering in 2005. I have worked as an engineer and a general contractor building public schools and healthcare facilities. I began my career in wastewater in 2001 doing UV installations, startup, and maintenance. I have worked fulltime in the water and wastewater industry since 2010.

Kevin Crump

J. Kevin Crump retired as Water and Power Plant Superintendent for the City of Paris Combined Utilities after 40 years of employment with the City and has continued to serve on a consulting basis for the City of Paris since November 2015. He began employment with Paris in 1975. Kevin is a graduate of Bourbon County High School and currently holds a Class IV Water Treatment Plant and a Class IV Water Distribution System license with the Commonwealth of Kentucky. Kevin also held membership in the Kentucky-Tennessee Section of the American Water Works Association, where he has served on the Small Systems Committee, the Public Information Committee, and as Co-Coordinator of the of the 2006 Water Professionals Conference. He has membership in the Kentucky Water and Wastewater Operators Association, having served as State Board Chairman and as President of the North Central section of the Association. Kevin has served three terms as a church council member and is on the maintenance committee at his church in Paris.

Chris Stewart

A native of Danville, KY, Chris Stewart is completing his 17th year with HMB Professional Engineers, Inc., where he currently serves as the Water/Wastewater Division's Project Development and Funding Specialist. Prior to that, Chris was the Water/Wastewater Division Manager for 10 years, as well as a Project Manager for the last 15 years. During his time at HMB, Chris has been the lead designer and/or project manager for all manner of public utility projects including water distribution system extensions and improvements, sanitary sewer collection projects, pump stations and both water and wastewater treatment plant improvements projects. These projects include system analysis and recommendations, hydraulic modeling, funding procurement and administration, cost estimating, project budgeting, detailed technical design, construction administration and project closeout. Mr. Stewart is a 1999 graduate of the University of Kentucky with a Bachelor of Science in Civil Engineering, and is a licensed Professional Engineer in Kentucky, Indiana, Tennessee, Alabama, Georgia and Ohio. He is a 2009 graduate of Leadership PE, a member of the Kentucky Society of Professional Engineers Capital Chapter, and serves on the Environmental Committee and Water Subcommittee of ACEC-KY as well as the Advisory Council for the Franklin County Career and Technical Center's Project Lead the Way/Pre-Engineering program. He and his wife, Heather, are parents of 10 year old identical twin boys and live in Franklin County, KY.

Jackie Logsdon

Jackie Logsdon is a 1999 graduate of the University of Kentucky with a Bachelor of Science Degree in Biology. She began her career with the Division of Water in 2000 as an Environmental Inspector with an emphasis in drinking water. Jackie is now an Environmental Scientist with the Drinking Water Compliance and Technical Assistance Section. Primary job duties include providing drinking water technical assistance and training to drinking water systems on a variety of topics including treatment, regulations, and data tracking tools. Jackie is also Kentucky's coordinator for EPA's Area Wide Optimization Program, a voluntary program that encourages water systems to optimize their water treatment in pursuit of safer water. She works from the Madisonville Regional Office and provides technical assistance to the Madisonville and Paducah regions.

Kerry Odle

Mr. Odle is a graduate from Memphis State University with a Bachelor of Science in Civil Engineering. From June 1976 to December 1976, Mr. Odle was employed by McKinnon Bridge Company, Franklin Tennessee as a construction engineer on highway bridge projects in Northwest Tennessee. From January 1977 to January 1986, Mr. Odle was employed with USDA Forest Service as a Civil Engineer in Jackson Mississippi and Winchester, Kentucky working on roads, utilities, parks and dam inspections. From January 1986 to April 2014, Mr. Odle was employed and was part owner of CMW, Inc. Mr. Odle managed the Richmond, Kentucky office for 20 years and worked the other 8 years in the corporate headquarters in Lexington Kentucky. Mr. Odle managed the Civil Engineering Division and specialized in water distribution and sanitary sewer projects, but has experience in storm water design, industrial park design, and subdivision design and construction. In April 2014, Mr. Odle was employed by HMB Professional Engineers, Inc. in Frankfort, Kentucky as the Water/Wastewater Division Manager. Mr. Odle is licensed as a Professional Engineer in Kentucky. Mr. Odle teaches Bible Studies to lower income fourth graders on Thursday nights. Mr. Odle and his wife Elizabeth have two sons (both Engineers), four grandchildren and another one on the way.

Joe Grider, PE, PLS

B.S./ Civil Engineering/ University of Kentucky/ 1982

Kentucky/P.E. #14752/1986; Indiana/P.E. #11500552

Kentucky/PLS #2889/1987; Alabama/ PLS #32372

Tennessee/ PLS #2888; West Virginia/PLS #2245

Indiana/ PLS #21500010

Joe has over 33 years of engineering experience, with a concentration in residential, commercial and industrial land development. He has completed numerous projects, each requiring comprehensive engineering services that included storm inlet spacing, storm pipe sizing, storm water detention basin sizing, detention basin outlet structure design, site grading design, erosion and sediment control design, designing street extension, designing sanitary sewer collection lines, and designing water line extensions.

Joe's survey-related experience includes courthouse research, plotting deeds, plats, easements, centerlines and R/W for highway, airport, land development, stream restoration, utility expansion and boundary survey projects. Joe also has extensive experience processing field data, examining boundary evidence, calculating boundary lines, calculating acreages, preparing plats and writing legal descriptions.

Gary Russ

Gary has worked in the water and wastewater file for 32 years and holds a Class IV water treatment, a class IV distribution, a class III wastewater treatment, and a class III collection license. Gary has owned and operated Russ, Inc. for 22 years. Gary currently serves as superintendent for Greenville Utilities as well as running Russ, Inc.