



# KDHE Operator News

July 2011

## 2011-2012 Training and Testing Calendar

### 2011-2012 Training Dates

A copy of the training schedule for July 2011 through August 2012 can be found beginning on page five. The training dates are as complete as we know at this time. We have no control over scheduling changes that training sponsors may make. Each organization sponsoring a training event reserves the right to change training topics, dates or locations. In previous years, **more** training has been added throughout the year. For the most up-to-date training events, see our website at: [www.kdheks.gov/water/www.html](http://www.kdheks.gov/water/www.html)

**If you have questions about specific training events, please contact the training sponsor listed on the schedule.** The addresses, telephone numbers and e-mail addresses of the training sponsors are on page 9.

### 2011-2012 Exam Dates

The table at the beginning of the operator training and testing calendar contains a list of examination dates for the upcoming year. **These testing opportunities are the only ones that will be scheduled for the year. No other exams will be scheduled.**

**Plan ahead and make sure KDHE receives your exam application before the deadline indicated for each exam date.**

### What is Required of Water & Wastewater Facility Owners

By law, it is the responsibility of water and wastewater facility owners to operate those facilities with an appropriately certified operator. Operating any public water supply system or wastewater treatment facility without a certified operator is considered an *unlawful act* and will be subject to enforcement action. Each system or facility must have an individual or individuals in responsible charge for the operation and management. The individual must be available at all times to make decisions regarding the daily operational activities of their water supply system or wastewater treatment facility.

To fully understand the law, we must first define what is meant by the term water supply system and wastewater treatment facility. A water supply system is defined as the pipes, structures and facilities used to obtain, treat or distribute water to the public for use by humans. Simply put, this means that – wells, surface water intakes, pipelines to transport water from its source, units at a treatment facility, and pipes that distribute treated water to the public are considered parts of a water supply system. Therefore, any water supply system consisting of any one or more of these components, and offer water for the use by humans must be under the control of a certified operator. A wastewater treatment

facility is defined as the facility or group of units provided for wastewater treatment. In straightforward terms, this means that any activities undertaken to treat wastewater are considered wastewater treatment. Examples include biological treatment process like waste stabilization ponds, trickling filter or activated sludge, sludge treatment, clarification, etc. Any facility consisting of one of these units must be under the control of a certified wastewater operator.

### Changed Employment, Moved Recently or Changed Your E-mail?

If you have changed employment, please let us know! If you change your residence, you should send us your new mailing address and current e-mail so we can update our database. It's your responsibility to keep KDHE updated with your current address, e-mail and place of employment. We have made it a simple process on-line by going to the operator certification website at [www.kdheks.gov/water/www.html](http://www.kdheks.gov/water/www.html) then click on the operator database, click on I agree, then click on change personal information. If you have any problems or do not have access to the internet, please feel free to call Teresa Schuyler at 785.296.5511 or Vickie Wessel at 785.296.2976 to report a change in employment, address or e-mail.

## When Will I Be Eligible to Take the Operator Certification Exam?

Prior to taking the operator certification exam, an operator must meet four requirements.

- Currently own or be employed by a water supply or wastewater treatment facility.
- Have a high school diploma or GED.
- Have acquired the number of years of experience for the level of examination desired (see table below).
- Have acquired the minimum number of points for the level of examination desired. Points are awarded based on experience, education and training.

### EXPERIENCE REQUIREMENTS

CLASS	POINTS*	YEARS OF EXPERIENCE
Small System	12.5	6 months
I	13.0	1 year
II	14.0	1 year
III	16.0	2 years
IV	18.0	2 years

### TRAINING CREDIT TOWARDS POINTS

TRAINING/EDUCATION EXPERIENCE	CREDIT HOURS	EXPERIENCE POINTS
1 day training	6	0.0
2 day training	10	0.25
KDHE Annual School		
2 days	10	0.25
3 days	15	0.50
High School Diploma or GED (mandatory)	NA	12
College Education		
30 hours	NA	1.0
Operating experience each full year must be involved in the day to day operation of the system. Experience is based on full time (40 hour week).	NA	1
Cal. State University correspondence course per volume	NA	1.0
Approved semester long courses	54	1.5
Approved 2-year Environmental Technology Degree	NA	6
Approved training		
40 contact hours	40	1.0

## Exam Applications- How to Avoid Common Application Mistakes

A completed application must be submitted each time the applicant sits for the operator certification exam. Please be sure to follow **all** application instructions **exactly** as stated for each section of the application.

All applications must include a complete and detailed work history including dates or you should submit a current resume that provides all information pertaining to your water and/or wastewater training and experience that relates to the examination for which you are applying. PLEASE note that all exam applicants must have a high school diploma or GED to be eligible to take the exam (K.A.R. 28-16-30(3)). A copy of your high school diploma, high school transcript or GED must accompany your completed application. If you are going to use your college education towards points, you must submit an official copy of your transcript along with the completed application.

Make sure the application is signed and dated by both the operator and the operator's direct supervisor or superintendent. The operator making application for the exam should make a photo copy of the application and supporting documents for his/her records, prior to mailing the original to KDHE.

Mail your application early. If you send your application close to the deadline you are not allowing KDHE the time to process the application and notify you of any deficiencies that could have been corrected prior to the application deadline. All applications must include the completed application, high school diploma, high school transcript or GED, college transcript and the exam fee (\$25.00 per exam taken). Any exam application received in our office after the application deadline

will be returned. Exam applications can be found at [www.kdheks.gov/water/www.html](http://www.kdheks.gov/water/www.html)

## Operator Certificate Renewals & Renewal Training

Water and wastewater operator certificates must be renewed every **two** years to ensure your certified operator status. It's your responsibility to keep your certificate "current". The date your certification expires is printed on your certificate so you know when it is due to expire. K.A.R 28-16-31(b) requires that all small system certified operators obtain at least five hours of approved training and Class I-IV certified operators obtain ten hours of approved training for each certificate held during the two year renewal period. Failure to renew the certificate will result in the certificate becoming inactive and the operator **not certified** until the certificate is reinstated. **(REMINDER: excess hours to not carry forward to subsequent renewal period).**

## Trained & Certified Operators Benefit Kansas Communities

The Kansas Department of Health and Environment believes that providing a wide variety of quality training gives Kansas water and wastewater operators the tools and knowledge to perform their duties in a professional manner. Training allows operators to keep up with continuous changes in both regulations and technology. A well trained certified operator is the first line of defense in the protection of public health, the environment and preserving the investment of public funds in water and wastewater infrastructure.

It is common knowledge in the water and wastewater industry that through

proper operation and routine preventive maintenance of facilities the useful life of those facilities can be extended significantly. In addition, the quality of water whether drinking water or treated wastewater can be improved through operator training.

### ***What is an Operator-in-Training (OIT) Certificate?***

The Kansas Department of Health and Environment (KDHE) developed the Operator-in-Training (OIT) as a stop gap measure for less complex utilities that lose their only operator. ***The OIT is a temporary certification and will only be issued to operators of water supply systems and/or wastewater treatment facilities that lose their only certified operator in direct responsible charge.***

The certificate can be issued for up to one year. The OIT allows the public water supply system and/or wastewater treatment facility to hire a person who meets the minimum educational requirements to gain the necessary experience, obtain proper and adequate training, and to take and pass the appropriate level of certification examination. The OIT keeps the water supply system and/or wastewater treatment facility in compliance with the KDHE operator certification regulations.

### ***When Does KDHE Issue an (OIT) Certificate?***

The OIT certificate is issued when a water supply system and/or wastewater treatment facility loses its only certified operator in direct responsible charge. Typically owners are required to employ an appropriately certified operator or contract with an appropriately certified operator. For the benefit of smaller facilities, KDHE may issue an OIT to provide time to acquire a certified operator.

### ***What Are The OIT Requirements?***

The option to issue the OIT certificate is based on several factors. 1) The water supply system and/or wastewater treatment facility OIT meets the minimum education requirements of a high school diploma or GED. 2) The owner of the water supply system and/or wastewater treatment facility submits an application identifying the person responsible for the operation of the system. 3) The OIT certificate will be issued to the operator for a period of up to one year. During that period, the OIT must attend training or the owner risks losing the right to have an OIT. KDHE tracks OIT expiration dates and notifies the owner and OIT in advance of expiration that they must sit for the next available exam. 4) The owner of a water supply system and/or wastewater treatment facility has a responsibility to the OIT to allow time off to attend training.

### ***For What Reason Will KDHE Not Issue An OIT?***

1) The water supply system and/or wastewater treatment facility has a history of not employing a certified operator. 2) KDHE has issued the owner of a water supply system and/or wastewater treatment facility an OIT certificate and the OIT did not follow through and become certified within the time frame allowed. 3) The system already has a certified operator certified at or above the level required to operate the water supply system and/or wastewater treatment facility.

### ***Contract Certified Operators***

It is sometimes difficult for small utilities to hire and maintain a KDHE-certified operator. An alternative may be to contract with a Kansas certified operator.

While KDHE cannot provide information on the legal ramifications of a contract for services, we can provide a set of guidelines for what is expected of contract certified operators. **You should always remember, however, that the permit holder for the water supply system or wastewater treatment facility is ultimately responsible for complying with the permit regardless of whether the operator is a full time employee or under contract.** Therefore, a permittee needs to have a clear understanding with any contract operator as to what is expected. The following are our recommended guidelines:

The operator should routinely inspect the system, including any collection and distribution systems. Depending on the type of facility, the inspection frequency can range from once a week to once a day. As a general rule, as the more complex a facility the more often it should be inspected. Another guideline is that if the permittee utilizes a non-certified individual to assist the certified operator, the frequency of inspection by the certified operator can be decreased.

### ***General guidelines for all utilities include:***

- The operator should be on-call for emergency situations. At some point in time, most systems have unexpected emergencies. At those times, it is critical that the system's certified operator be available to recommend a course of action to rectify the emergency situation.
- The operator should verify that routine system maintenance schedules are followed.
- The operator should have clear authority to make operational changes in the system as needed. This is not unlike the operation of any water supply

system or wastewater treatment facility.

- The operator should inspect any records or reports submitted to KDHE for regulatory purposes. A certified operator should be able to review reports and determine discrepancies with permit conditions.
- The operator should have clear authority to direct the work of any non-certified staff that provides assistance. If additional non-certified staff is utilized by the utility, they should be directed by the owner to carry out the recommendations of the certified operator. Otherwise, it serves little purpose to contract with a certified operator.

A water supply system and/or wastewater treatment facility employing a Kansas certified operator through a contract should have a written agreement that clearly indicates the responsibilities of the operator. Listed below are some suggested guidelines that should be considered when developing a written contract operator agreement.

- The minimum number of routine visits to the facility.
- The operator's duties and responsibilities.
- How after hours and emergency situations will be handled.
- How the contract operator will be contacted (pager, cell phone, etc.) and the minimum response time allowed in the event of an emergency.
- The minimum number of hours the operator will be present during each routine visit.
- The certification level required to operate the water supply system and/or wastewater treatment facility.
- The number of employees, if any, that will assist the contract operator.

A signed copy of the written contract agreement, and a copy of the contract operator's Kansas certificate should be kept on file with the system. A copy of the signed contract operator agreement should also be provided to the contract operator.

When hiring a contract operator, the water supply system and/or wastewater treatment facility must submit a signed and dated Contract Operator Form to the KDHE. You can obtain the Contract Operator Form by calling 785.296.5511 or from our website at: [www.kdheks.gov/water/www.html](http://www.kdheks.gov/water/www.html)

**Any change in contract operations must be reported to KDHE.**

### ***Additional Operator Information***

**Check the KDHE Website:**  
[www.kdheks.gov/water/www.html](http://www.kdheks.gov/water/www.html)

- Certified Operator Database (including change of address or employment information)
- Water and Wastewater Operator Need to Know
- Water and Wastewater Operator Exam Applications
- Operator, Education, Training and Experience Requirements
- Operator Certification, Requirements for Water and Wastewater Treatment Facilities
- Contract Operator Guidelines
- Contract Operator Form
- Training Approval Guidelines
- Reciprocity Form
- Water and Wastewater Operator Regulations
- Affidavit of Military Service
- Security Information
- Operator Database Instructions

Check out other KDHE information at [www.kdheks.gov](http://www.kdheks.gov)

## ***Reminder Annual Water and Wastewater School***

The Annual Water and Wastewater Operator School has been finalized. The dates for this year's Annual Operator School are August 2-5, 2011 at the Kansas Union in Lawrence. You can find more information about the upcoming operator school or register online at: [www.continuinged.ku.edu/programs/water/](http://www.continuinged.ku.edu/programs/water/)

***For questions about the operator certification program, contact:***

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The only thing worse than training people and having them leave is not training them and having them stay.

# 2011-2012 WATER AND WASTEWATER

## Operator Training and Testing Calendar

2011-2012 EXAMINATION DATES		
TEST DATE	TEST LOCATION	APPLICATION DEADLINE
August 5, 2011	Lawrence	July 22, 2011
September 1, 2011	Topeka	August 18, 2011
October 13, 2011	Dodge City	September 29, 2011
November 17, 2011	Bonner Springs	November 3, 2011
December 15, 2011	Emporia	December 1, 2011
March 29, 2012	Wichita	March 15, 2012
April 20, 2012	Hays	April 6, 2012
May 10, 2012	Emporia	April 26, 2012
August 3, 2012	Lawrence	July 20, 2012

*For exam applications call Teresa Schuyler at (785) 296-5511 or see our Website at [www.kdheks.gov/water/www.html](http://www.kdheks.gov/water/www.html)*

## TRAINING OPPORTUNITIES

DATE	SUBJECT	SPONSOR	LOCATION	TRAINING CREDIT
July 6	Wastewater Reclamation & Reuse	GPI	Dodge City	Wastewater
July 8	Natural Systems for Wastewater Treatment	GPI	Dodge City	Wastewater
July 12	Water Utility Training (HACH)	KRWA	Parsons	Water
July 13	Safety	GPI	Liberal	Water/Wastewater
July 13	Water & Wastewater Utility Training (HACH)	KRWA	Parsons	Water/Wastewater
July 14	Wastewater Utility Training (HACH)	KRWA	Parsons	Wastewater
July 15	Waste Stabilization Ponds	GPI	Dodge City	Wastewater
July 20	Special Environmental Topics	GPI	Dodge City	Water/Wastewater
July 20	Competent Person for Trenching & Excavation	KRWA	Phillipsburg	Water/Wastewater
July 21	Confined Space Entry	KRWA	Phillipsburg	Water/Wastewater
August 2-5	Annual Water & Wastewater School	KDHE	Lawrence	Water/Wastewater
August 5	Potable Water Treatment	GPI	Dodge City	Water
August 10	Wastewater Treatment	GPI	Dodge City	Wastewater
August 10-11	Understanding/Troubleshooting Electrical Motors & Drives	KRWA	Winfield	Water/Wastewater
August 17	Applied Math for Water Operators	GPI	Cheney	Water
August 17	Competent Person for Trenching & Excavation	KRWA	Chanute	Water/Wastewater
August 18	Confined Space Entry	KRWA	Chanute	Water/Wastewater
August 19	Small Water Systems	GPI	Syracuse	Water
August 22	16-Week Water Treatment Plant O & M	FSCC	Fort Scott	Water
August 24	Special Topics-Corrosion	GPI	Garden City	Water/Wastewater
August 25	16-Week Collections O & M	FSCC	Olathe	Wastewater
August 25	16-Week Wastewater Treatment Plant O & M	SATC	Concordia	Wastewater
August 25	Potable Water Certification Preparation	GPI	Dodge City	Water
Aug. 30-Sept. 1	KSAWWA/KWEA Annual Conference	KSAWWA/ KWEA	Topeka	Water/Wastewater
September 2	O & M of Wells	GPI	Scott City	Water
September 7	Safety	GPI	Hays	Water/Wastewater
September 8	Applied Math for Wastewater Operators	GPI	Cheney	Wastewater
September 13-14	Cross Connection/Backflow Informational	KRWA	Abilene	Water
September 13-16	Cross Connection/Backflow Certification	KRWA	Abilene	Water

September 15-16	Cross Connection Backflow Prevention Re-certification	FSCC	Fort Scott	Water
September 14	Small Water Systems	GPI	Dodge City	Water
September 14-17	Cross Connection Backflow Prevention Certification	FSCC	Manhattan	Water
September 15	Operating & Maintaining Wastewater Collection Systems	KRWA	Eureka	Wastewater
September 15-16	Cross Connection/Backflow Re-certification	KRWA	Abilene	Water
September 15-16	Cross Connection Backflow Prevention Re-certification	FSCC	Fort Scott	Water
September 16	Small Wastewater Systems	GPI	Dodge City	Wastewater
September 16-17	Cross Connection Backflow Prevention Re-certification	FSCC	Manhattan	Water
September 20-21	Wastewater Stabilization Ponds	SATC	WaKeeney	Wastewater
September 21	Special Topics-Corrosion	GPI	Syracuse	Water/Wastewater
September 28	Special Topics-Emerging Contaminants	GPI	Hays	Water/Wastewater
September 28	Competent Person for Trenching & Excavation	KRWA	Hiawatha	Water/Wastewater
September 29	Confined Space Entry	KRWA	Hiawatha	Water/Wastewater
September 30	Potable Water Treatment	GPI	Hays	Water
September 30	Water & Wastewater System Workshop	KRWA	McPherson	Water/Wastewater
October 5	Wastewater Reclamation & Reuse	GPI	Liberal	Wastewater
October 7	Potable Water Certification Preparation	GPI	Goodland	Water
October 8	Wastewater Certification Preparation	GPI	Goodland	Wastewater
October 12	Special Environmental Topics	GPI	Dodge City	Water/Wastewater
October 11-12	Water, Wastewater, Collections Math	SATC	Lyons	Water/Wastewater
October 12	Competent Person for Trenching & Excavation	KRWA	Larned	Water/Wastewater
October 12-13	Surface Water Treatment	FSCC	Osage City	Water
October 13	Confined Space Training	KRWA	Larned	Water/Wastewater
October 14	Potable Water Treatment	GPI	Medicine Lodge	Water
October 15	Wastewater Treatment	GPI	Medicine Lodge	Wastewater
October 19	Special Topics-Corrosion	GPI	Phillipsburg	Water/Wastewater
October 20	Ultraviolet for Wastewater Treatment	GPI	Phillipsburg	Wastewater
October 25	Natural Systems for Wastewater Treatment	GPI	Dodge City	Wastewater
October 25-26	Cross Connection/Backflow Informational	KRWA	Lawrence	Water
October 25-28	Cross Connection/Backflow Certification	KRWA	Lawrence	Water
October 25-26	Water, Wastewater, Collections Math	SATC	Arkansas City	Water/Wastewater
October 26-27	Math for Operators	FSCC	Olathe	Water/Wastewater
October 27-28	Cross Connection./Backflow Re-certification	KRWA	Lawrence	Water
October 28	Wastewater Reclamation & Reuse	GPI	Dodge City	Wastewater
November 2	Basic Chemistry for Water Operators	GPI	Garden City	Water
November 2-3	Understanding/Troubleshooting Electrical Motors & Drives	KRWA	Neodesha	Water/Wastewater
November 4	Basic Chemistry for Wastewater Operators	GPI	Liberal	Water
November 8	Membrane Reactors for Wastewater Treatment	GPI	Dodge City	Wastewater
November 9	Small Water Systems	FSCC	Fort Scott	Water
November 10	Small Wastewater Systems	FSCC	Fort Scott	Wastewater
November 10	Applied Math for Wastewater Operators	GPI	Dodge City	Wastewater
November 11	Wastewater Reclamation & Reuse	GPI	Cheney	Wastewater
November 15-16	Basic Water O & M	KSAWWA	Bonner Springs	Water
November 15-16	Cross Connection/Backflow Informational	KRWA	Newton	Water
November 15-18	Cross Connection/Backflow Certification	KRWA	Newton	Water
November 15-18	Cross Connection/Backflow Re-certification	KRWA	Newton	Water
November 16	Potable Water Certification Preparation	GPI	Phillipsburg	Water
November 17	Wastewater Certification Preparation	GPI	Phillipsburg	Wastewater
November 22	Wastewater Reclamation & Reuse	GPI	Syracuse	Wastewater
Nov. 30-Dec.1	Utility Management Skills	FSCC	Kansas City	Water/Wastewater
December 3	Ethics	GPI	Dodge City	Water/Wastewater
December 6-7	Cross Connection/Backflow Informational	KRWA	Topeka	Water
December 6-9	Cross Connection/Backflow Certification	KRWA	Topeka	Water
December 7	Basic Chemistry for Wastewater Operators	GPI	Liberal	Wastewater
December 8-9	Cross Connection/Backflow Re-certification	KRWA	Topeka	Water

December 9	Basic Chemistry for Wastewater Operators	GPI	Hays	Wastewater
December 14	Special Topics-Water Conservation, Demand & Revenues	GPI	Cheney	Water
December 14-15	Potable Water District School	FSCC	Emporia	Water
December 14-15	Wastewater District School	SATC	Emporia	Wastewater
December 14-15	Basic Electrical Maintenance & Troubleshooting	KRWA	Lawrence	Water/Wastewater
December 16	Membrane Reactors	GPI	Dodge City	Water
December 21	Small Water Systems	GPI	Dodge City	Water
December 28	Small Wastewater Systems	GPI	Dodge City	Wastewater
January 5	Safety	GPI	Dodge City	Water/Wastewater
January 10	Special Topics-Corrosion	GPI	Garden City	Water/Wastewater
January 11	Small Water Systems	GPI	Liberal	Waster
January 12	16-Week Wastewater Treatment Plant O & M	SATC	Hutchinson	Wastewater
January 13	Wastewater Stabilization Ponds	GPI	Scott City	Wastewater
January 14	Membrane Reactors	GPI	Dodge City	Water
January 17	Stormwater Management	GPI	Dodge City	Water/Wastewater
January 19	Potable Water Certification Preparation	GPI	Hays	Water
January 20	Wastewater Certification Preparation	GPI	Hays	Wastewater
January 23	16-Week Distribution Systems O & M	FSCC	Fort Scott	Water
January 24	Small Wastewater Systems	SATC	Concordia	Wastewater
January 24	Special Topics-Water Conservation, Demand & Revenues	GPI	Garden City	Water
January 25	Safety	GPI	Dodge City	Water/Wastewater
January 26	16-Week Distribution Systems O & M	FSCC	Olathe	Water
February 1	Special Topics-Corrosion	GPI	Syracuse	Water/Wastewater
February 2	Special Topics-Emerging Contaminants	GPI	Syracuse	Water/Wastewater
February 7	Small Water Systems	GPI	Hays	Water
February 7-8	Hot Topics - Water 101	KSAWWA	Olathe	Water
February 8-9	Surface Water Treatment	FSCC	Independence	Water
February 8-9	Motor & Drives	KRWA	Hutchinson	Water/Wastewater
February 9	Basic Chemistry for Water Operators	GPI	Dodge City	Water
February 14	Small Wastewater Systems	GPI	Liberal	Wastewater
February 15	Small Water Systems	GPI	Syracuse	Water
February 17	Ethics	GPI	Cheney	Water/Wastewater
February 21	Generators, Power Quality & Lighting Protection	KRWA	Abilene	Water/Wastewater
February 21-22	Wastewater Collection Systems	SATC	Manhattan	Wastewater
February 21-22	Cross Connection/Backflow Informational	KRWA	Olathe	Water
February 21-24	Cross Connection/Backflow Certification	KRWA	Olathe	Water
February 22	Safety	GPI	Cheney	Water/Wastewater
February 22	Generators, Power Quality & Lighting Protection	KRWA	Kingman	Water/Wastewater
February 22-23	Math for Operators	FSCC	Topeka	Water/Wastewater
February 23	Generators, Power Quality & Lighting Protection	KRWA	Russell	Water/Wastewater
February 23-24	Cross Connection/Backflow Re-certification	KRWA	Olathe	Water
February 24	Applied Math for Water Operators	GPI	Dodge City	Water
February 28	Ultrasound for Water Treatment	GPI	Dodge City	Water
March 6	Chlorination & Disinfection for Potable Water	GPI	Phillipsburg	Water
March 7	Wastewater Stabilization Ponds	GPI	Phillipsburg	Wastewater
March 9	Chlorination & Disinfection for Potable Water	GPI	Dodge City	Water
March 13	Ethics	GPI	Hays	Water/Wastewater
March 13	Wastewater Small Systems	SATC	Clearwater	Wastewater
March 14	Applied Math for Wastewater Operators	GPI	Dodge City	Wastewater
March 14	Small Water Systems	FSCC	Fort Scott	Water
March 15	Small Wastewater Systems	FSCC	Fort Scott	Wastewater
March 20	Special Topics-Corrosion	GPI	Medicine Lodge	Water
March 21	Ultraviolet for Wastewater Treatment	GPI	Medicine Lodge	Wastewater
March 23	Special Topics-Corrosion	GPI	Scott City	Water
March 27	Chlorination & Disinfection for Potable Water	GPI	Goodland	Water

March 27-29	KRWA Annual Conference	KRWA	Wichita	Water/Wastewater
March 28	Natural Systems for Wastewater Treatment	GPI	Goodland	Wastewater
April 3	Potable Water Certification Preparation	GPI	Dodge City	Water
April 5	Basic Chemistry for Water Operators	GPI	Dodge City	Water
April 6	Basic Chemistry for Wastewater Operators	GPI	Dodge City	Wastewater
April 10	Potable Water Treatment	GPI	Hays	Water
April 12-15	Cross Connection Backflow Prevention Certification	FSCC	Salina	Water
April 14-15	Cross Connection Backflow Prevention Re-certification	FSCC	Salina	Water
April 17	Wastewater Certification Preparation	GPI	Dodge City	Wastewater
April 20	Special Topics-Corrosion	GPI	Cheney	Water
April 24	Special Topics-Emerging Contaminants	GPI	Cheney	Water
April 24-25	Wastewater Collection System	SATC	McPherson	Wastewater
April 25-26	Utility Management Skills	FSCC	Pittsburg	Water/Wastewater
April 26	Special Topics-Emerging Contaminants	GPI	Garden City	Water
May 2	Ethics	GPI	Hays	Water/Wastewater
May 8	Wastewater Reclamation & Reuse	GPI	Dodge City	Wastewater
May 9-10	Potable Water District School	FSCC	Emporia	Water
May 9-10	Wastewater District School	SATC	Emporia	Wastewater
May 10	Safety	GPI	Scott City	Water/Wastewater
May 12	KLEA Annual Conference	KLEA	Topeka	Water/Wastewater
May 17	Small Water Systems	GPI	Liberal	Water
May 18	Small Wastewater Systems	GPI	Liberal	Wastewater
May 23	Ultrasound for Water Treatment	GPI	Ulysses	Water
May 24	Small Water Systems	GPI	Cheney	Water
May 25	Small Wastewater Systems	GPI	Cheney	Wastewater
May 25	Special Environmental Topics	GPI	Dodge City	Water/Wastewater
June 5	Wastewater Stabilization Ponds	GPI	Dodge City	Wastewater
June 7	Ethics	GPI	Garden City	Water/Wastewater
June 12	Ultraviolet for Wastewater Treatment	GPI	Dodge City	Wastewater
June 13-14	Programmable Logic Controllers	KRWA	Hays	Water/Wastewater
June 14	Small Water Systems	GPI	Dodge City	Water
June 22	Safety	GPI	Dodge City	Water/Wastewater
June 26	Chlorination & Disinfection for Potable Water	GPI	Dodge City	Water
June 28	Ultrasound Systems	GPI	Dodge City	Water/Wastewater
July 6	Wastewater Reclamation & Reuse	GPI	Dodge City	Wastewater
July 10	Natural Systems for Wastewater Treatment	GPI	Dodge City	Wastewater
July 11-12	Basic Electrical Troubleshooting & Maintenance	KRWA	Pratt	Water/Wastewater
July 12	Safety	GPI	Liberal	Water/Wastewater
July 17	Waste Stabilization Ponds	GPI	Dodge City	Wastewater
July 19	Special Environmental Topics	GPI	Dodge City	Water/Wastewater
July 24	Ethics	GPI	Dodge City	Water/Wastewater
July 26	Chlorination & Disinfection for Potable Water	GPI	Dodge City	Water
July 31-Aug. 3	Annual Water & Wastewater School	KDHE	Lawrence	Water/Wastewater
August 8-9	Electrical Motors & Drives	KRWA	Emporia	Water/Wastewater
August 28-30	KSAWWA/KWEA Annual Conference	KSAWWA /KWEA	Topeka	Water/Wastewater

### CALENDAR KEY

FSCC .....	Fort Scott Community College	GPI .....	Great Plains Institute
KDHE .....	KS Dept. of Health & Environment	KLEA .....	KS Laboratory Education Assn.
KRWA .....	KS Rural Water Assn	KSAWWA ...	KS Sec. American Water Works
KWEA .....	KS Water Environment Assn	TBA .....	To Be Announced
SATC .....	Salina Area Technical College	W .....	Water Operator Exam
WW .....	Wastewater Operator Exam		

## Training Providers

### Fort Scott Community College

2108 South Horton  
 Fort Scott, KS 66701  
 800.874.3722 (office)  
 Scott Flater  
 e-mail: [scottf@fortscott.edu](mailto:scottf@fortscott.edu)  
 Website: <http://www.fortscott.edu/programs/ewt/index.aspx>

### Kansas Rural Water Assn.

Post Office Box 226  
 Seneca, KS 66538  
 785.336.3760  
 Jim Jackson  
 e-mail: [jim@krwa.net](mailto:jim@krwa.net)  
 Website: <http://www.krwa.net>

### Salina Area Technical College

2562 Centennial Road  
 Salina, KS 67401  
 800.466.7989  
 Dale Vanderhoof  
 e-mail: [dale.vanderhoof@salinatech.edu](mailto:dale.vanderhoof@salinatech.edu)  
 Website: [http://www.salinatech.edu/programs/env\\_tech/](http://www.salinatech.edu/programs/env_tech/)

### Great Plains Institute

1807 Hart Avenue  
 Dodge City, KS 67801  
 620.227.5474 (office)  
 620.255.2400 (cell phone)  
 Steve Waite  
 e-mail: [steve\\_waite@cox.net](mailto:steve_waite@cox.net)

### KS Section American Water Works

City of Olathe  
 Post Office Box 768  
 913.422.2017  
 Lester Estelle  
 e-mail: [lestelle@olatheks.org](mailto:lestelle@olatheks.org)  
 Website: <http://www.ksawwa.org>

### Kansas Laboratory Education Assn.

600 South Curtis  
 Olathe, KS 66061  
 913.971.5233 (office)  
 913.238.3667 (cell phone)  
 DeWayne McAllister  
 e-mail: [DmcAllister@olatheks.org](mailto:DmcAllister@olatheks.org)

### Kansas Water Environment

6209 SW 24<sup>th</sup> Terrace  
 Topeka, KS 66614  
 785.368.3851  
 Sylvan Coles  
 e-mail: [kwea@sbcglobal.net](mailto:kwea@sbcglobal.net)  
 Website: <http://www.kwea.net>

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**Department of Health and Environment**  
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