

Russ, Inc.

80 Parkway Lane
Central City, KY 42330

Water and Wastewater Consulting

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

RECEIVED

APR 23 2018

**PUBLIC SERVICE
COMMISSION**

April 18, 2018

Gwen Pinson
Public Service Commission
P O Box 615
Frankfort KY 40602-0615

Dear Ms. Pinson,

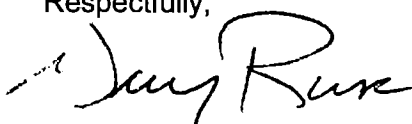
I have enclosed 10 copies of a water training class application with supporting documentation. The class was held on March 21, 2018. I originally submitted this application on March 6, 2018. On April 11, 2018 I received notification that my application had been denied. This occurred due to a March 15, 2018 policy revision/restatement by the PSC concerning KRS 74.020 (8) (b). I am resubmitting this application appealing this decision and requesting Case No.2018-001101 be reopened. The original application did not reference CEU for New Commissioners under KRS 74.020 (8) (b).

The March 21, 2018 training sessions consisted of three presenters, two of which choose during their presentations to offer handouts. These were offered to attendees, due to the lack of easily obtainable information on these topics. A handout waiver accompanied the March 6, 2018 application packet. During my presentation, we discussed ethics, record keeping, record detention, testing, calibration techniques and data, a detailed discussion on the important of documentation and log books. As well as Board and operator interaction with its customers/rate payers. A group table top exercise, generated topics of interest and lead to engaged discussions on group problem solving and the sharing of knowledge. There were no written materials give to the attendees of my presentation. I requested a waiver on handouts during my original application; which allowed for the presentation of the latest topics and concerns for this group of water professionals. DOW Regulations were presented on the screen, not covered by the other presenters.

I respectfully ask for a review of this material. The PSC approved very similar classes of mine in 2016 and 2017.

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.

Respectfully,


Gary Russ

RECEIVED

APR 23 2018

PUBLIC SERVICE
COMMISSION

April 12, 2018

In the Matter of:

APPLICATION OF RUSS, INC. FOR)	
APPROVAL OF COMMISSIONER)	CASE NO.
TRAINING AND CONTINUING)	2018-001101
EDUCATION CREDIT)	

BEFORE THE PUBLIC SERVICE COMMISSION

On or about April 11, 2018 the Public Service Commission reviewed a request for Water District Commissioner Training and Continuing Education Credit. This request was similar to prior requests for educational opportunity credits and training as provided and approved in prior years (2016-00066).

On or about March 12, 2018, Russ, Inc. ("Russ") Inc. filed for approval and accreditation for water district management training (aka Water Commissioner and Water Manager/Decision Maker Training). A description of the Training Program was provided as was referenced in Case No. 2018-001101 (page1/2).

On or about March 15, 2018 the PSC circulated a New Release stating the "**PSC Revamps Required Training for Water District Boards**". This announcement prompted a telephone call to PSC staff for clarification. PSC staff, noted that the March 12th application had been received prior to the announcement of this change. It was the understanding of the PSC staff that the application was sufficient to

comply with the prior interpretation for continuing education credits for returning Water Commissioners. That it would not be necessary to resubmit a new application at that time. The original application was received prior to March 15, 2018. That any New Commissioners would be required to receive training directly from the PSC, and no hours would be granted for New Commissioners training.

The Training course as referenced on page three (3) of order 2018-00101 "Russ's Training Program" was only intended, structured and designed for returning Water Commissioners needing 6 CEU hours. This training was not intended for Commissioners who had not completed the requirement 12 hour training under KRS 74.020 (8) (b). It was not structured or intended to conflict with or challenge the PSC's authority under KRS 74.020 (8) (b).

"Russ" is now aware that due to budgetary constraints and staffing changes, the application submitted by "Russ" may have appeared cursory. In prior years the application format was received and processed, if questions arose PSC staff would request clarification. It now appears following the March 15th news release, the PSC staff's review process may have changed as it attempted to interpret "Russ" application. Assumptions were made that this application might be in conflict with KRS 74.020 (8) (b). Which generated a denial under KRS 74.020 (8) (b).

"Russ" hereby request Case No. 2018-00101 be reopened, and reviewed for returning Commissioner training credits. That the previous order be rescinded. That page 5, section 3 (b) be rescinded awaiting review and approval by the PSC.

Included in this request is additional information presented by "Russ" which includes handout materials made available by Jackie Logsdon, Division of Water. Handout materials made available by Archie

Fugate, McCoy & McCoy Laboratories. "Russ" application requested a waiver for handout's, however some presenters felt the information provided was to technical not to be accompanied by the offering of handouts. Additionally all presenters provided contact information and informed Water Commissioners and other attendees on web location, email and contact information, WRIS locations, and gateway addresses for independent research and information gathering by the governing bodies, Water Commissioners and operators. The Division of Water, assigned Class No. 17857 to the March 21, 2018 training session.

"Russ" feels the denial and closing of Case No. 2018-00101 was premature and an unfortunate oversight. The reopening of this case would allow Water Commissioners to obtain training hours they so rightly deserve. Keeping with the trust they and their Water Systems have so rightly placed in Russ Inc., and the PSC over the years.

Kentucky Division of Compliance Assistance
Certification and Licensing Branch
Operator Certification Program
300 Fair Oaks Ln.
Frankfort, KY 40601

RECEIVED

APR 23 2018

Continuing Education Activity Report

Division of Compliance Assistance's Assigned Course Number: _____ PUBLIC SERVICE COMMISSION

Course Title: _____

Course Location: PADD Hopkinsville Date(s): March 21, 2018

Course Sponsor's Name and Phone Number: Gary Russ, Russ, Inc. 270-543-3734

Agency Interest Number for Course Sponsor: _____

Participants' Information (Operator certificates contain identification information requested below.):

System Name	Commissioner Name	Continuing Education Credit Earned (to be completed by sponsor)	
			** Continuing Education Hours Earned
Christian County	Ronald D. Adams		
Trenton Co. City of Trenton	Marta P. Ray		
Christian County	Barbara Moore		
Christ. Co.	Ashbel Brunson III		
East Logan water Dist	Lloyd H. Hatcher		
Christian Co. Water Dist	J. H. Davis		

* Provide certification numbers for Drinking Water Treatment, Drinking Water Distribution, Bottled Water, Wastewater Treatment or Collection System.
** Calculate Continuing Education Hours as approved by the Division of Compliance Assistance.

As sponsor of the training completed by the operators listed above, I certify it was conducted and participants performed according to conditions approved by the Kentucky Certification Boards. I understand that submission of false information could result in expiration of an operator's certification due to noncredit and might be cause for non-approval of subsequent training requests. Further, falsification of a cabinet document could result in legal penalties per KRS 223.991 and/or 224.99-010.

Sponsor Contact Name (printed): Russ, Inc.

Sponsor Contact Person's Signature and Date: _____ 3-21-18

FW: RE: March 21

From: jameso@ccwd.net

Sent: Mon, Apr 16, 2018 at 10:42 am

To:

[2018 DOW Update.ppt](#) (3.2 MB)

-----Original Message-----

From: "Logsdon, Jackie (EEC)" <jackie.Logsdon@ky.gov>

Sent: Monday, April 16, 2018 10:26am

To: "jameso@ccwd.net" <jameso@ccwd.net>

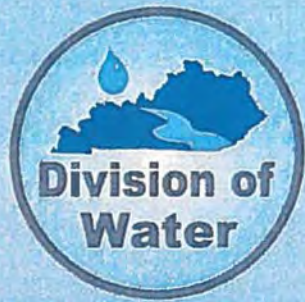
Subject: RE: March 21

Hi James,

The Division of Water Update Presentation from the March 21 training event included information on the Area-Wide Optimization Program, Line break sampling, Revised Total Coliform Rule, Public Notice and Consumer Confidence Reporting, Operational Evaluation Form, and Annual Data Form. I've also attached the presentation in case you need it as well.

Thanks,

Jackie Logsdon



DISINFECTANTS AND DISINFECTION BYPRODUCTS AREA-WIDE OPTIMIZATION PROGRAM



For a water system to be recognized, the system must:

- 1) Submit a letter of commitment outlining system goals to DWCTA and post system goals at the facility.
- 2) Submit supporting documentation to appropriate DWCTA contact.

D/DBP AWOP CERTIFICATION

CRITERIA:

- ◆ Surface Water or GWUDI Treatment Plant
- ◆ Meet all D/DBP Optimization Goals for the calendar year
- ◆ No D/DBP violations for the calendar year

GOLD SEAL RECOGNITION:

- ◆ Consecutive systems in compliance with the Stage 2 DBP Rule.

D/DBP AWOP CHAMPION AWARD

CRITERIA:

- ◆ Meet D/DBP optimization criteria for 3 consecutive years
- ◆ No SDWA violations (M/R or TT) for the 3 year evaluation timeframe
- ◆ No exclusion of systems based on prior receipt of the D/DBP Champion Award

SURFACE WATER & GWUDI TREATMENT PLANT

Parameters	Goal	Sample Location	Assessment Timeframe	Minimum Sampling Frequency
CFE TOC	≤ 1.70 mg/L	CFE	Monthly	Monthly
TOC Performance Ratio	≥ 1.0	Raw/CFE	Monthly	Monthly
TTHM Plant Tap	≤ 30 ppb	Plant Tap	4 Quarters Running Annual Average	Quarterly
HAA5 Plant Tap	≤ 20 ppb	Plant Tap	4 Quarters Running Annual Average	Quarterly
CT	Meet CT requirements	Multiple Zones	Daily	Daily

TREATMENT PLANTS THAT UTILIZE CHLORAMINE

Parameters	Goal	Sample Location	Assessment Timeframe	Minimum Sampling Frequency
Free Ammonia	≤ 1.10 mg/L as NH ₃ -N	Plant Tap	Daily	Daily
Chlorine-to-Nitrogen or Chlorine-to-Ammonia Mass Ratio	4.5:1 & 5.0:1 or 3.7:1 & 4.1:1	Plant Tap	Daily	Daily

DISTRIBUTION SYSTEM

Parameters	Goal	Sample Location	Assessment Timeframe	Minimum Sampling Frequency
TTHM Individual Site LRAA	≤ 70 ppb	All Stage 2 Compliance Locations	4 Quarters Locational Running Annual Average	Quarterly
HAA5 Individual Site LRAA	≤ 50 ppb	All Stage 2 Compliance Locations	4 Quarters Locational Running Annual Average	Quarterly
TTHM Long Term	≤ 60 ppb	All Stage 2 Compliance Locations	8 Quarters Average Maximum Locational Running Annual Average	Quarterly
HAA5 Long Term	≤ 40 ppb	All Stage 2 Compliance Locations	8 Quarters Average Maximum Locational Running Annual Average	Quarterly
Free Chlorine (Free Chlorine Systems Only)	≥ 0.2 mg/L	Minimum of N,S,E, & W representative areas of the system	Daily	Daily
Monochloramine (Chloramine Systems Only)	≥ 1.5 mg/L	Minimum of 4 critical sites representative of N, S, E, & W areas of the system	Monthly	Monthly

SPECIAL POINTS OF INTEREST:

- ◆ Optimization strives for excellence beyond regulatory requirements
- ◆ Optimization provides a safety factor for achieving compliance
- ◆ Optimization provides increased public health protection
- ◆ Optimization focuses on improving operation of existing facilities without making expensive capital improvements

DISTRIBUTION SYSTEM GOALS CALCULATION:

- ◆ The Individual Site Goal is an average of the most recent 4 quarters of compliance data at each site (LRAA).
- ◆ The Long Term Goal is an average of the maximum quarterly LRAA of all sites for 8 consecutive quarters.

Louisville & Frankfort Regional Office—Gabe Tanner 502-782-7088 • Bowling Green & Columbia Regional Office—CJ Bailey 270-384-4734
Madisonville & Paducah Regional Office—Jackie Logsdon 270-824-7529 • Florence & Morehead Regional Office—Mark Martin 859-525-4923
• Hazard & London Regional Office—David Messer 606-330-2080

Contacts: _____

ENERGY & ENVIRONMENT CABINET (EEC)
DIVISION OF WATER
PUBLIC NOTIFICATION (PN) CERTIFICATION



GENERAL INSTRUCTIONS:

- A. Provide a copy of each format of PN (example: bill card and copy posted).
- B. Send completed PN package to KY DOW within ten (10) days of providing notification to your consumers and not before the PN has been delivered to your consumers.
- C. Certification is to be signed by the person responsible for the overall operation or management of the system.
- D. If you use your annual Consumer Confidence Report (CCR) for the public notification of Tier 3 violations, you must submit a certification of the PN requirements AND a certification of the CCR requirements, all within the allowed time frame of the Public Notice. **Federal Regulation §141.204**
- E. Include separate certification for each PWS ID# that your public water system (PWS) has. You may combine the notices and violations on the same certification as long as the timing requirements in B are met for submitting the certification.
- F. Mail Public Notice packet (PN Certification, PN, a copy of each format of the PN, and preferably a list of Good Faith Effort Postings) to:

ATTN: PN

Drinking Water Compliance & Technical Assistance

Compliance & Technical Assistance Branch

300 Sower Boulevard, 3rd Floor

Frankfort, KY 40601

For consultation or questions regarding public notification, contact the Drinking Water Public Notice (PN) Rule Manager in the Drinking Water CTA Section, Compliance and Technical Assistance Branch, phone (502) 782-6136 or email Maggie.Mahan@ky.gov.

- G. You are not required to use this form; it is provided for your convenience. Systems may submit other "certification" forms prepared by other entities or a letter, as long as the required information is included.

Allowed methods of distribution:

(1) Unless directed otherwise by the primacy agency in writing, community water systems must provide notice by:

Primary: (i) Mail or other direct delivery to each customer receiving a bill and to other service connections to which water is delivered by the public water system; and

Secondary: (ii) Any other method reasonably calculated to reach other persons regularly served by the system, if they would not normally be reached by the notice required in paragraph (c)(1)(i) of this section. Such persons may include those who do not pay water bills or do not have service connection addresses (e.g., house renters, apartment dwellers, university students, nursing home patients, prison inmates, etc.). Other methods may include: Publication in a local newspaper; delivery of multiple copies for distribution by customers that provide their drinking water to others (e.g., apartment building owners or large private employers); posting in public places served by the system or on the Internet; or delivery to community organizations.

Federal Regulations Subpart P

ENERGY & ENVIRONMENT CABINET (EEC)

DIVISION OF WATER

PUBLIC NOTIFICATION (PN) CERTIFICATION



SEE GENERAL INSTRUCTION, APPROVED METHODS OF DISTRIBUTION, AND MAILING ADDRESS ON NEXT PAGE

PWS Name: [] _____ []

PWS ID Number: [] KY [] Population Served: [] _____ []

Violation Number(s): [] _____ []

[] _____ []

Compliance Date(s): [] _____ []

[] _____ []

I, the undersigned, certify that public notice has been provided to our customers in accordance with the delivery, content, and format requirements and deadlines of the Public Notification (PN) requirements in 40 CFR 141.201 to 141.211.

1. Content: All ten elements are in the notice: Yes

Name: [] _____ [] Title: [] _____ []

Phone: [] _____ [] Email: [] _____ []

Address: [] _____ []

Signature/e-Sign: [] _____ [] Date: Click here to enter a date.

2. Consultation with DOW if required: Date: _____ Contact Name: _____

3. Distribution Methods: Primary Method: _____ Date: Click here to enter a date.
(Provide a copy of each method)

Secondary Method: _____ Date: Click here to enter a date.

4. Consecutive System: Date PN Delivered: Click here to enter a date.

PWS ID(s): [] _____ []

[] _____ []

**ENERGY & ENVIRONMENT CABINET (EEC)
DIVISION OF WATER
CONSUMER CONFIDENCE REPORT (CCR)**



§141.155 Report delivery and recordkeeping.

(a) Except as provided in paragraph (g) of this section, each community water system must mail or otherwise **directly deliver** one copy of the report to each customer.

(b) The system must make a **good faith effort** to reach consumers who do not get water bills, using means recommended by the primacy agency. EPA expects that an adequate good faith effort will be tailored to the consumers who are served by the system but are not bill-paying customers, such as renters or workers. A good faith effort to reach consumers would include a mix of methods appropriate to the particular system such as: Posting the reports on the Internet; mailing to postal patrons in metropolitan areas; advertising the availability of the report in the news media; publication in a local newspaper; posting in public places such as cafeterias or lunch rooms of public buildings; delivery of multiple copies for distribution by single-biller customers such as apartment buildings or large private employers; delivery to community organizations.

(c) No later than the date the system is required to distribute the report to its customers, each community water system must mail a copy of the report to the primacy agency, followed within 3 months by a certification that the report has been distributed to customers, and that the information is correct and consistent with the compliance monitoring data previously submitted to the primacy agency. **Kentucky regulations (401 KAR 8:075. Consumer confidence reports and public notification. Section 1.) Mandate the Certification is due by the same date as the report, July 1st, annually.**

(d) No later than the date the system is required to distribute the report to its customers, each community water system must deliver the report to any other agency or clearinghouse identified by the primacy agency. **July 1st, annually.**

(e) **Each community water system must make its reports available to the public upon request.**

(f) Each community water system serving **100,000 or more persons** must post its current year's report to a publicly-accessible site on the Internet.

(g) The Governor of a State or his designee, or the Tribal Leader where the tribe has met the eligibility requirements contained in §142.72 for the purposes of waiving the mailing requirement, can waive the requirement of paragraph (a) of this section for community water systems **servicing fewer than 10,000 persons**. In consultation with the tribal government, the Regional Administrator may waive the requirement of §141.155(a) in areas in Indian country where no tribe has been deemed eligible.

(1) Such systems must:

(i) Publish the reports in one or more local newspapers serving the area in which the system is located; **(unless there is a PN included. Then the CCR/PN can be included in a newspaper only if the newspaper is free and delivered to everyone.)**

(ii) Inform the customers that the reports will not be mailed, either in the newspapers in which the reports are published or by other means approved by the State; and

(iii) Make the reports available to the public upon request.

(2) **Systems serving 500 or fewer persons may forego the requirements of paragraphs (g)(1)(i) and (ii) of this section if they provide notice at least once per year to their customers by mail, door-to-door delivery or by posting in an appropriate location that the report is available upon request.**

(h) Any system subject to this subpart must retain copies of its Consumer Confidence Report for no less than 3 years.

Mail complete CCR package to:

Division of Water

Drinking Water

Attn: CCR

300 Sower Boulevard

Frankfort, KY 0601

Updated: 02/19/2018

<http://water.ky.gov/DrinkingWater/Pages/ConsumerConfidenceReports.aspx>

Number of pages submitted _____

**ENERGY & ENVIRONMENT CABINET (EEC)
DIVISION OF WATER
CONSUMER CONFIDENCE REPORT (CCR)**



PWS NAME:

PWS ID: KY CALENDAR YEAR:

POPULATION SERVED: <500 <10,000 >100,000

WHOLESALE (Data due to purchasers by April 1st Federal Regulation §141.152)

This notice confirms that a Consumer Confidence Report was prepared and distributed according to the requirements for our system and appropriate notices of availability were given. The report contains information that is correct and consistent with the compliance monitoring data previously submitted to the Kentucky Division of Water. The copy of the report furnished to the KY Division of Water is identical to the information provided to the consumers.

NAME: TITLE:

PHONE: EMAIL:

ADDRESS:

SIGNATURE: DATE: [Click here to enter a date.](#)

METHODS OF DISTRIBUTION AND DATES: CHECK THOSE THAT APPLY. FEDERAL REGULATION §141.155

PRIMARY DATE: [Click here to enter a date.](#)

SECONDARY DATE: [Click here to enter a date.](#)

MAILED

NEWSPAPER (If PN included §141.204)

NEWSPAPER

PUBLIC POSTING

ELECTRONIC

OTHER

NOTES:

Mail complete CCR package to the KY DOW shortly after distributing to consumers, not before.

Wholesalers can send data to purchasers later than the regulated date of April 1st, only with a contract to an agreed upon later date and a copy must be submitted to with the CCR package.

Electronic distribution packages must include a copy of the notice of availability sent to consumers.

Newspaper distribution packages must include the full newspaper page exhibiting the CCR.

See back of document for regulations on acceptable methods of delivery.

Mail complete CCR package to:

Updated: 02/19/2018

Division of Water

Drinking Water

<http://water.ky.gov/DrinkingWater/Pages/ConsumerConfidenceReports.aspx>

Attn: CCR

300 Sower Boulevard

Frankfort, KY 0601

Number of pages submitted _____

Division of Water Drinking Water Update

2018



To Protect and Enhance Kentucky's Environment

Kentucky
UNBRIDLED SPIRIT™

Overview

- Area Wide Optimization Program
- Drinking Water Compliance Reminders
 - Line Break Sampling/Log
 - RTCR
 - PN & CCR
 - OEL
 - Annual Data Form
- Q & A

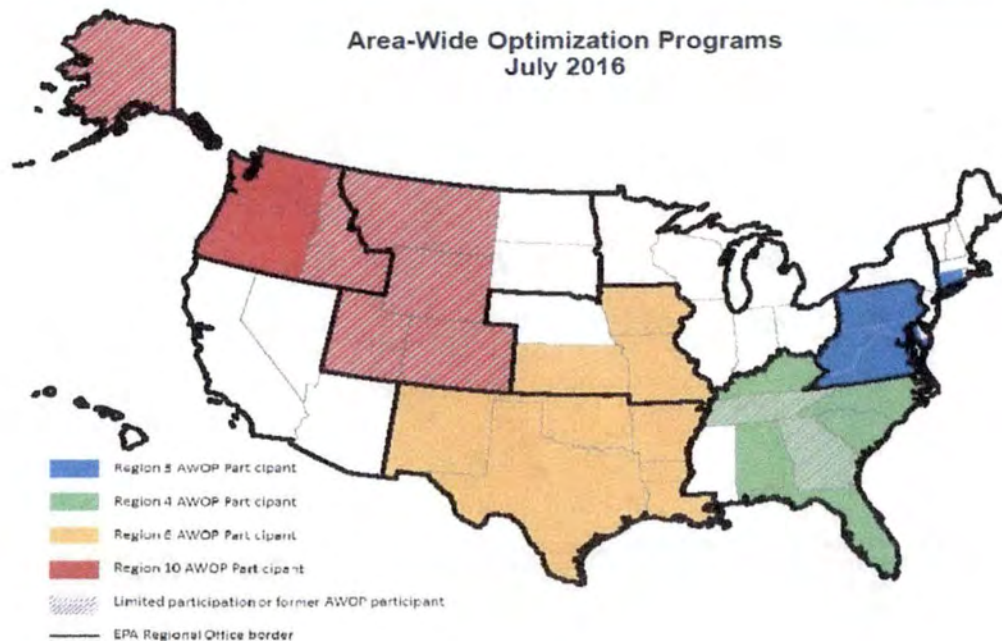
AWOP

Area Wide Optimization Program



Area Wide Optimization Program

- AWOP is a cost-effective approach to:
 - Increasing public health protection
 - Proactively achieving regulatory compliance
 - Improving treatment plant performance
 - Maintaining distribution system water quality



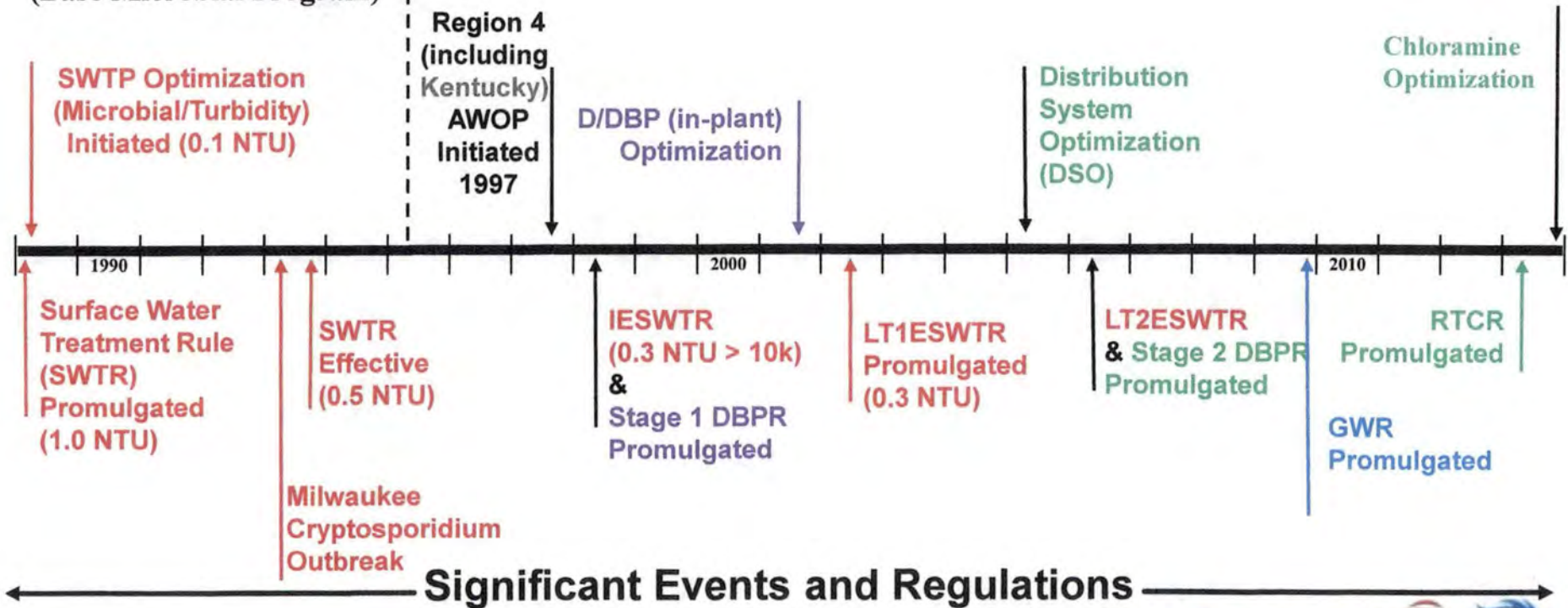
Area Wide Optimization Program

Evolution of Optimization: Technical Focus

**Composite
Correction Program
(CCP)
Development
Activities
(Base Microbial Program)**

**AWOP Activities
(New Technical Area Initiated)**

Ongoing Microbial Optimization Enhancements



Why Optimize?

- Milwaukee 1993
 - *Cryptosporidium parvum* (crypto) outbreak
 - Chlorine resistant
 - Affected over 400,000 people
 - 25% of population
 - 69 deaths (93% with compromised immune system)
 - Largest documented waterborne outbreak in US
 - Resulted in over \$96 million in healthcare and productivity costs
- **Milwaukee was in compliance with turbidity**

Turbidity Goals

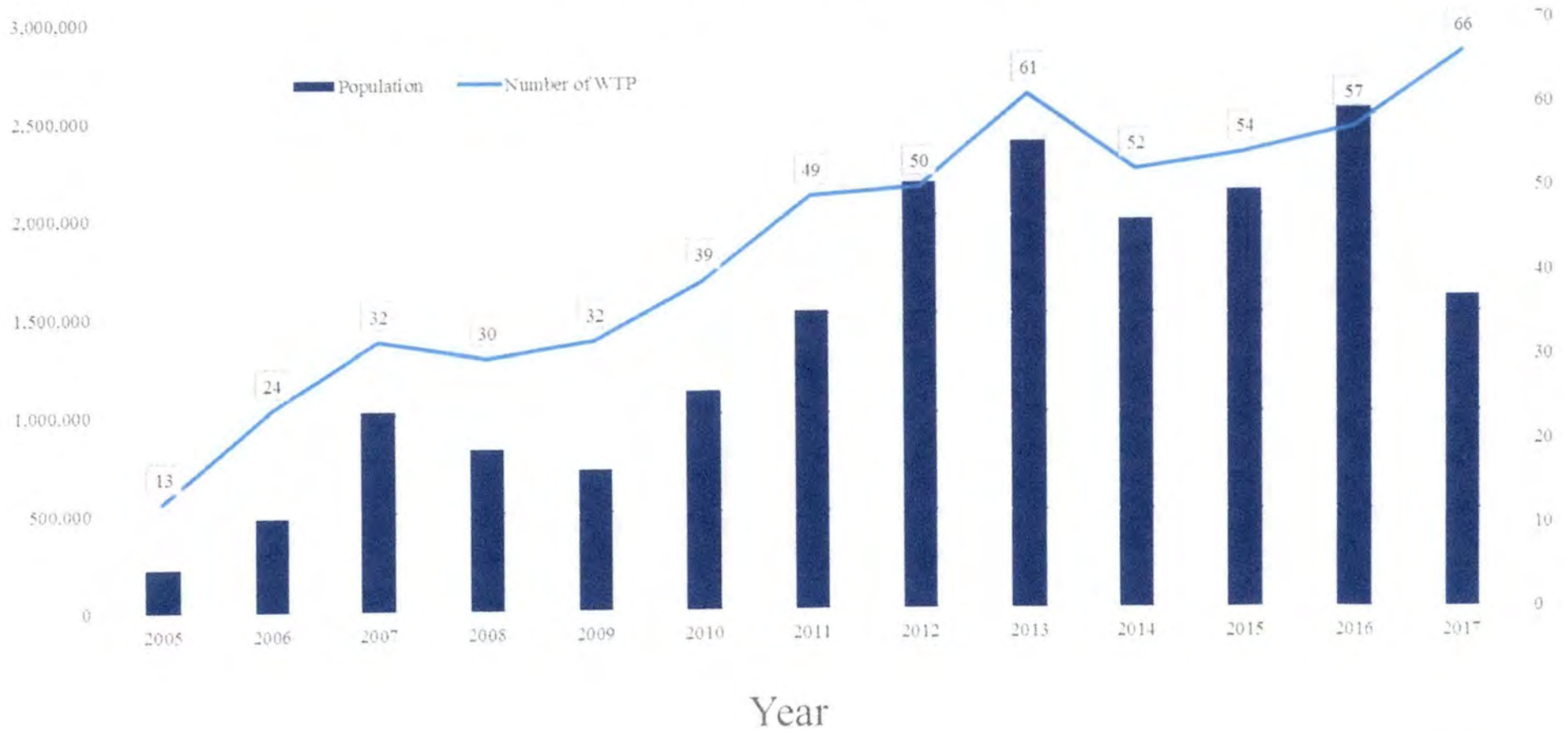
- Settled Water Turbidity
 - ≤ 2.0 NTU in 95% of readings when annual average raw water turbidity > 10 NTU
 - ≤ 1.0 NTU in 95% of readings when annual average raw water turbidity ≤ 10 NTU
- Combined & *Individual* Filter Effluent Turbidity
 - ≤ 0.10 NTU in 95% readings
 - Excludes 15 minutes post backwash
- Daily Max

DBP Goals

- Plant Tap
 - *TTHM RAA* ≤ 30 ppb
 - *HAA5 RAA* ≤ 20 ppb
 - TOC ≤ 1.7 mg/L
- Compliance Sites in Distribution System
 - TTHM LRAA ≤ 70 ppb
 - HAA5 LRAA ≤ 50 ppb
 - Max TTHM LRAA ≤ 60 ppb
 - Max HAA5 LRAA ≤ 40 ppb

Area Wide Optimization Program

Microbial Optimization Population Served
Met Settled and CFE Goals



Area Wide Optimization Program

- Submit a letter of commitment
 - ALL systems should choose to do this!
 - Adopt optimization goals
 - Submit data (extra) on regular basis (usually quarterly)
 - If you meet the goals (no turbidity violations) you get a certificate
 - Award eligibility
- Microbial Optimization
 - Surface Water Treatment Plants
- Disinfection By-Products Optimization
 - Surface Water Treatment Plants

Drinking Water Compliance

Reminders



Line Break Sampling

- 401 KAR 8:150 Section 4(2)(b)
 - May leave the line in service or return to service and forgo BWA if
 1. Pressure is maintained;
 2. The break area is thoroughly flushed; and
 3. At least the minimum disinfectant residual maintained
- 401 KAR 8:150 Section 4(2)(c)
 1. The system shall take at least 2 bacteriological tests, 1 located before, or just upstream of, the break or rupture, and 1 located behind, or just downstream of, the break or rupture, as close to the break or rupture as practical.

Line Break Log

- 401 KAR 8:150 Section 4(2)(h)
 1. A PWS shall maintain a log of all breaks or ruptures
 - a) Date and location of the break or rupture;
 - b) Time it was discovered;
 - c) Population affected;
 - d) Length of time required to repair the break or rupture;
 - e) Date and time disinfectant residuals were detected; and
 - f) Date and time bacteriological samples are taken.
 2. The log shall be available for inspection by the cabinet.

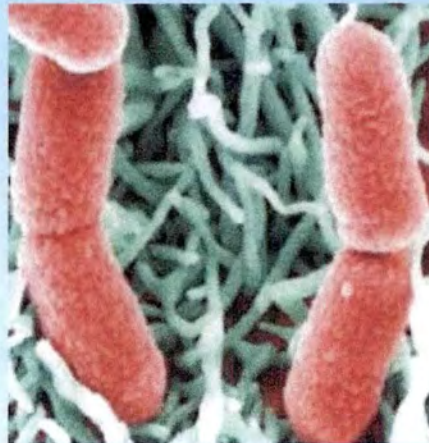
Revised Total Coliform Rule

- Established a maximum contaminant level (MCL) for *E. coli* = 0
- Initiates a “find and fix” approach to address fecal contamination that could enter into the distribution system
 - An acute MCL violation is not associated with total coliform positive samples.
Note: Violations can be given for failure to take required samples after positive total coliform sample
 - Assessment Level 1—conducted by owner/operator
 - Assessment Level 2—conducted by state or state approved entity

Level 1 Assessments

What triggers Level I Assessment?

- Two positive Total Coliform samples for systems that collect fewer than 40 samples per month.
- 5% or greater positive samples for systems that collect 40 or more samples per month



Level 2 Assessments

What triggers Level 2 assessments?

- A PWS exceeds the *E. coli* MCL
- A PWS triggers two Level I assessments within a rolling year period



PN & CCR

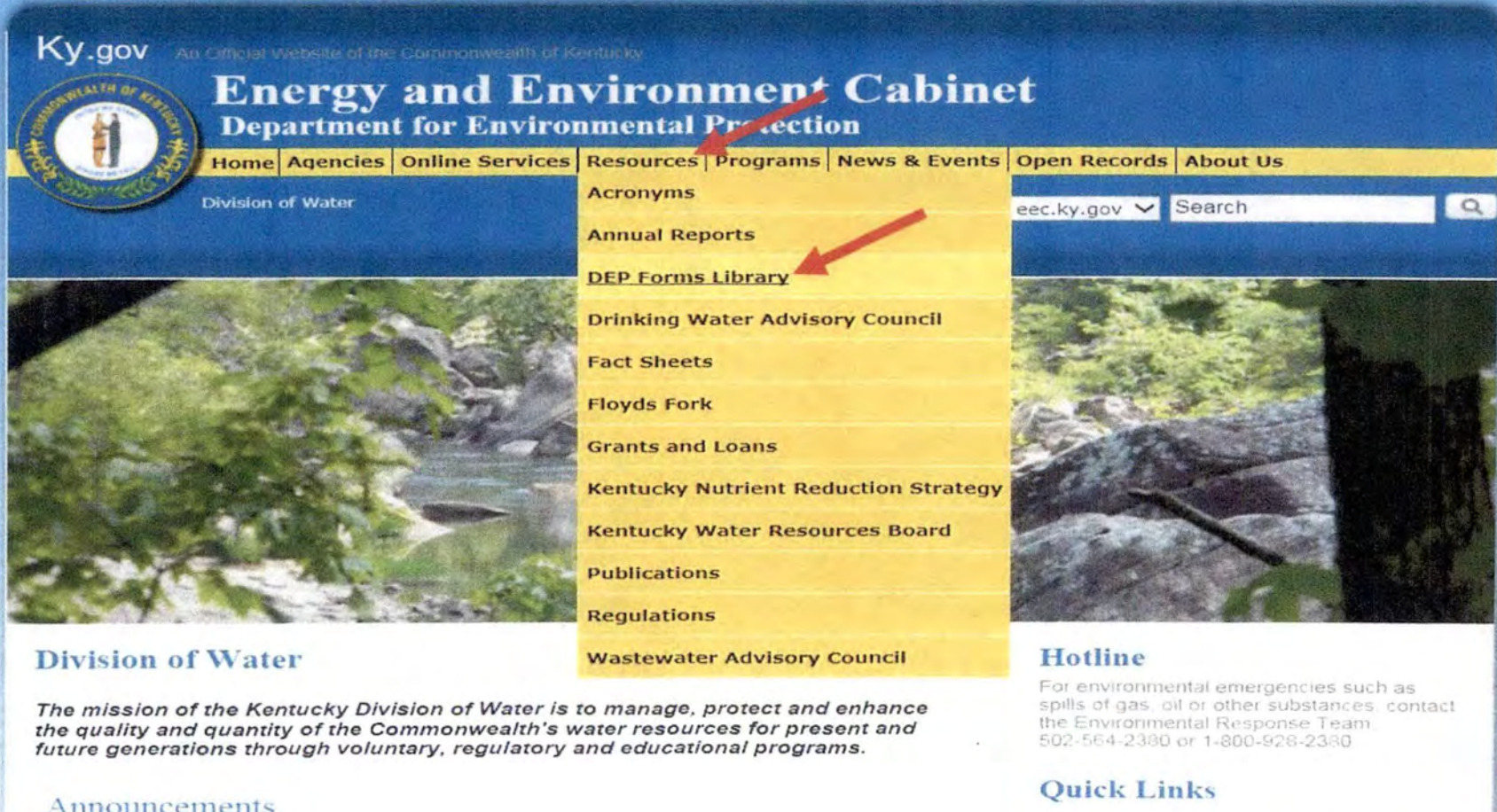
- Maggie Mahan 502-782-6163 or maggie.mahan@ky.gov
- New Certification Forms for PN & CCR
 - Not yet available on website
 - May be typed or hand written
 - Throw out old versions
 - New version has ALL required info
 - KRWA has a new form that can also be used
 - Required beginning 2019

PN

- Tier 3 PN reminders
 - 1 year to notify customers
 - May use CCR keeping the following in mind
 - Must go out within 1 year of receiving the violation
 - Must be direct delivery to all customers
 - Systems <10,000 have primary delivery options that are not direct delivery
 - PN Rule trumps CCR Rule

Drinking Water Forms

- <http://water.ky.gov>



The screenshot shows the website for the Kentucky Department for Environmental Protection (DEP). The header includes the Ky.gov logo and the text "An Official Website of the Commonwealth of Kentucky". The main navigation bar lists "Home", "Agencies", "Online Services", "Resources", "Programs", "News & Events", "Open Records", and "About Us". A dropdown menu is open under "Resources", with "DEP Forms Library" highlighted in yellow. Two red arrows point to the "Resources" and "DEP Forms Library" links. Below the navigation bar, there are two large images of a river and a forest. The left image is titled "Division of Water" and includes the text: "The mission of the Kentucky Division of Water is to manage, protect and enhance the quality and quantity of the Commonwealth's water resources for present and future generations through voluntary, regulatory and educational programs." The right image is titled "Hotline" and includes the text: "For environmental emergencies such as spills of gas, oil or other substances, contact the Environmental Response Team, 502-564-2380 or 1-800-928-2380." Below the "Hotline" text is a "Quick Links" section.

Ky.gov An Official Website of the Commonwealth of Kentucky

Energy and Environment Cabinet
Department for Environmental Protection

Home | Agencies | Online Services | Resources | Programs | News & Events | Open Records | About Us

Division of Water

eeec.ky.gov Search

DEP Forms Library

Drinking Water Advisory Council

Fact Sheets

Floyds Fork

Grants and Loans

Kentucky Nutrient Reduction Strategy

Kentucky Water Resources Board

Publications

Regulations

Wastewater Advisory Council

Division of Water

The mission of the Kentucky Division of Water is to manage, protect and enhance the quality and quantity of the Commonwealth's water resources for present and future generations through voluntary, regulatory and educational programs.

Hotline

For environmental emergencies such as spills of gas, oil or other substances, contact the Environmental Response Team, 502-564-2380 or 1-800-928-2380

Quick Links

Drinking Water Forms

Forms Library and Related Documents

IMPORTANT NOTICE

If using Internet Explorer to view this page, please do the following:

1. Click Tools on the menu bar.
3. Select Compatibility View.
4. Press F5 to refresh the page.

DBE Forms:

Disadvantaged Business Enterprises Subcontractor Report
PSC Invoice Form

Click on the division name below to expand information on program forms.

Documents

<input type="checkbox"/>	Type	Name	Category	Doc Name	Description
<input checked="" type="checkbox"/>	Division	Air Quality	(60)		
<input checked="" type="checkbox"/>	Division	Compliance Assistance	(40)		
<input checked="" type="checkbox"/>	Division	Waste Management	(220)		
<input checked="" type="checkbox"/>	Division	Water	(329)		
<input checked="" type="checkbox"/>	Program	Drinking Water	(69)		
<input type="checkbox"/>		LabListSept2006		Laboratory List	
<input type="checkbox"/>		LabMap		Laboratory Map	

Drinking Water Watch

- Public access to SDWIS
– <http://dep.gateway.ky.gov/DWW>

Drinking Water Branch - Microsoft Internet Explorer provided by EIC

http://dep.gateway.ky.gov/DWW

Drinking Water Watch

Public Water Supply Systems Search Parameters

Water System No.

Water System Name

Principal County Served

Water System Type

Primary Source Water Type

Point of Contact Type

Sample Search Parameters

Sample Class

Sample Collection Date Range
(The Sample Search always produces results for the last 2 years, unless you provide a specific date range.)
From: 9/28/2008 To: 9/28/2010

[Click Here for the County Map of KENTUCKY](#)

Links

[Water System Facilities](#)

[Sample Schedules](#)

[Coliform/Microbial Sample Results](#)

[Coliform Sample Summary Results](#)

[Lead And Copper Sample Summary Results](#)

[Chem/Rad Samples/Results](#)

[Chem/Rad Samples/Results by Analyte](#)

[Violations/Enforcement Actions](#)

[Site Visits](#)

[Milestones](#)

Return Links

[Water Systems](#)

[Water System Search](#)

[County Map](#)

Glossary

Questions?

Jackie Logsdon

270-824-7529

jackie.logsdon@ky.gov

Division of Water

Drinking Water Technical Assistance



OEL Form

- Operational Evaluation Level Form
 - Predictive calculation based on most recent 3 quarters of DBP data
 - If calculation exceeds MCL for TTHM or HAA5 form **MUST** be submitted
 - Does not mean you are out of compliance with DBP (different calculation)
 - Form must be submitted to Kellee Husband within 90 days of being notified of analytical results
 - Available at <http://water.ky.gov>

Annual Data Form

**DUE:
APRIL 10**

****NEW**
401 KAR
8:020
Section 3:
Required to
submit with
each
December
MOR**

	A	B	C	D	E	F	G	H	I	J	K	L																												
1	DOW Form 0801																																							
2	April 2017																																							
3											PWS ID :	0																												
4											PLANT ID :	0																												
5											AGENCY INTEREST :	0																												
6	ANNUAL WATER SYSTEM DATA																																							
7	APPLICABLE TO ALL WATER SYSTEMS																																							
8	TO BE SUBMITTED WITH DECEMBER MOR																																							
9	NUMBER OF METERS:						SYSTEM POPULATION: _____																																	
10	RESIDENTIAL: _____						TOTAL POPULATION SERVED IN CONSECUTIVE																																	
11	COMMERCIAL: _____						SYSTEMS: (REFER TO TABLE BELOW) _____																																	
12	INDUSTRIAL: _____																																							
13	CONSECUTIVE SYSTEM POPULATIONS:																																							
14	(INFORMATION ON THE SYSTEMS/AREA TO WHOM YOU SELL WATER)																																							
15	<table border="1"> <thead> <tr> <th>PWSID #</th> <th># OF METERS</th> <th>PWSID #</th> <th># OF METERS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				PWSID #	# OF METERS	PWSID #	# OF METERS																	WATER SOLD (Gallons) <table border="1"> <tbody> <tr><td>Residential</td><td> </td></tr> <tr><td>Commercial</td><td> </td></tr> <tr><td>Industrial</td><td> </td></tr> <tr><td>Wholesale</td><td> </td></tr> </tbody> </table>								Residential		Commercial		Industrial		Wholesale	
PWSID #	# OF METERS	PWSID #	# OF METERS																																					
Residential																																								
Commercial																																								
Industrial																																								
Wholesale																																								
16	CONTACT INFORMATION:																																							
17	WATER SYSTEM MANAGER/SUPERIN																																							
18	NAME _____				PLANT A				PLANT B																															
19	TITLE _____				_____				_____																															
20	OFFICE PHONE _____				_____				_____																															
21	CELL PHONE _____				_____				_____																															
22	AFTER-HOURS PHONE _____				_____				_____																															
23	MAILING ADDRESS _____				_____				_____																															
24	_____				_____				_____																															
25	EMAIL ADDRESS _____				_____				_____																															
26	_____				_____				_____																															
27	_____				PLANT C				DISTRIBUTION																															
28	NAME _____				_____				_____																															
29	TITLE _____				_____				_____																															
30	OFFICE PHONE _____				_____				_____																															
31	CELL PHONE _____				_____				_____																															
32	AFTER-HOURS PHONE _____				_____				_____																															
33	MAILING ADDRESS _____				_____				_____																															
34	_____				_____				_____																															
35	_____				_____				_____																															
36	_____				_____				_____																															
37	_____				_____				_____																															
38	_____				_____				_____																															
39	_____				_____				_____																															
40	_____				_____				_____																															
41	_____				_____				_____																															
42	_____				_____				_____																															
43	_____				_____				_____																															
44	_____				_____				_____																															
45	_____				_____				_____																															

Archie Fugate, Jr.
1486 Carroll Gentry Road
Madisonville, KY 42431
(270) 608-1450

Education

Louisville Presbyterian Theological Seminary, Louisville, KY, May 2008
Master of Divinity

University of Pikeville, Pikeville, KY, May 1980
Bachelor of Science, Major: Biology, Minor: Chemistry

Professional Experience

SDWA Project Manager, McCoy & McCoy Laboratories, Inc.

April 2017-Present

Serve as corporate representative and customer liaison between clients and McCoy and McCoy Laboratories, Inc. Report client data to state and federal agencies for compliance. Assist clients in filling out regulatory forms and paperwork. Conduct specialized training on sampling techniques and maintenance of SDWA mandates. Attend professional water and wastewater conferences.

Adjunct Professor, KCTCS - Madisonville

August 2010 – Present

Serve as a college professor teaching classes for Survey of World Religions and New Testament Survey.

GED Instructor, KCTCS - Madisonville

August 2014 – Present

Serve as GED instructor for the male inmates at Muhlenberg County Detention Center.

Laboratory Supervisor, Moss McGraw Environmental Laboratories, Inc.

January – March 2017

Served as a customer liaison between clients and Moss McGraw. Reported client data to state and federal agencies for compliance. Conducted training for laboratory analysts along with a stronger quality control implementation.

Solo Pastor, First Presbyterian Church of Sturgis, KY

October 2014 – January 2017

Responsibilities included evangelism, planning and conducting worship services. Also assisted in the Celebrate Recovery and Alcoholics Anonymous classes held at the church.

Solo Pastor, First Presbyterian Church of Central City, KY

January 2005 – September 2014

Responsibilities included evangelism, planning and conducting worship services. Initiated an after school tutor program for the youth and participated in the summer sack lunch program. Served on the board of directors for Western Kentucky Hospice (2012-2014).

Safe Drinking Water Coordinator, McCoy & McCoy Laboratories, Inc. Madisonville, KY

2000-2005

Performed customer service requests and addressed customer questions in a prompt and professional manner. Scheduled SDWA sampling for all MMLI laboratory locations to assure client samples were collected in compliance with regulatory stipulations. Conduct specialized training on sampling techniques and maintenance of SDWA mandates. Served as Microbiological manager for MMLI. Overall all laboratory regulatory audits and analyst training. Provided final review and validation of SDWA analytical testing data.

Quality Control Officer, McCoy & McCoy Laboratories, Inc. Madisonville, KY

1996-2000

Managed quality system compliance and administration. Reported Performance Testing program data to state and federal accrediting bodies. Maintained Standard Operating Procedures. Communicated with management regarding departmental proficiency. Performed routine internal audits on various areas of the laboratory. Attended professional quality system and environmental monitoring conferences.

Laboratory Manager, McCoy & McCoy Laboratories, Inc. Pikeville, KY

1981-1996

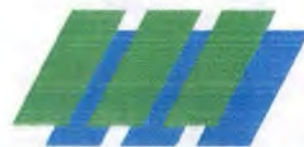
Managed a state certified drinking water for both chemistry and microbiology testing. Management also included waste water laboratory analysis. The waste water laboratory was certified in Virginia and West Virginia; Kentucky did not have a certification program at this time. Assisted with route scheduling, sample collection and sample pick up from clients including industries, public and private utilities, and mining operations. Performed customer service requests and addressed customer questions in a prompt and professional manner. Conducted various organic, inorganic and microbiological analytical procedures. Performed supervisor responsibilities including management, training, and scheduling for the laboratory staff and the field services group. Wrote Standard Operating Procedures for each training section. Assisted clients in maintaining compliance for state and federal regulations.

Professional Associations

- Kentucky Water and Wastewater Operators Association

Sampling Instructions for TTHM's

1. Let the water run from the tap at almost full flow for at least five (5) minutes. The sample bottle lids consist of a white plastic cap containing a rubber septum with a Teflon facing.
2. While the water is flowing, this is an excellent time to complete the Sampling portion of the Chain of Custody and apply labels to the containers.
3. Carefully remove the lids from the empty sample and duplicate bottles, taking care not to let the septum fall out. Place these lids upside down on a clean surface. Should a septum fall out, rinse it well with the water to be sampled and place it back in the lid, taking care to see that the Teflon side will face the water when the lid is placed on the bottle.
4. Adjust the water flow to a slow but steady stream and fill each bottle in turn as follows:
5. Amber Vials (often called VOA vials). Check the label to see what preservative is contained in the vial.
If the preservative is sodium thiosulfate, hydrochloric acid is not required.
If the preservative is ascorbic acid, 3-4 drops of hydrochloric acid is required.
 - a. DO NOT rinse the container before sampling.
 - b. Fill each of the three (3) amber bottles to slight overflowing, so that a "dome" of water is above the lip of the bottle.
 - c. Collection can be made easier by filling the vial as full as possible (without overflowing). Put additional water inside the lid. Carefully pour the water from the lid into the vial until the "dome" of water is above the lip of the bottle.
 - d. Do not overflow the bottle.
 - e. Carefully screw the lid with Teflon rubber seal on the bottle, invert the bottle and check for air bubbles. If none are found, the sample has been taken correctly.
 - f. If air bubbles are present, remove the lid and repeat steps a (or b) until a sample is taken which contains no air bubbles.
 - g. Shake the sample vigorously for one (1) minute.
6. The Sample person is responsible for completing all the field information on the Chain of Custody and proper labeling of the samples. Failure to complete all the information may result in rejection of the samples. Please print all information and make sure the information is legible. Samples with excessive air bubbles are required to be rejected by the lab.
7. If a sample pickup is not provided, the samples must be shipped on ice and kept at 4.0 degrees Celsius. **THE SAMPLES MUST BE SHIPPED ON ICE** and must be kept at 4.0 degrees Celsius.



AM1 Sampling Containers

(Collect All AM1 SAMPLES at Entry Point to Distribution)



Method 200.8: **plastic w/ Nitric Acid** (Metals)
Method 525.3: {3-1 Liter bottles} (Pesticides)



Method 530: {3-1 Liter bottles}
(Semi-Volatiles)



Method 541: (Alcohols) **Red cap vials** {3}
Use beaker – measure 50 mLs each vial

Chemical (Assessment Monitoring (AM1) – Group 1):

Collection for all following methods for AM 1 group will be conducted at the Entry Point. Prior to filling containers open the tap and allow water to run for approximately 5 minutes. All sample containers provided in the kit are pre-preserved as required by each method. For sampling at the Entry Point fill each container provided but do not overflow. **Caution: Overflowing will dilute the required preservative.** After the containers are filled & capped, invert several times to mix the preservative.

Method 200.8 (Metals) – Container – (1) 500 ml Plastic

Method 525.3 (Pesticides) - Containers – (3) Glass Amber Liters

Method 530 (Semi-Volatile Chemicals) - Containers – (3) Glass Amber Liters

Method 541 (Alcohols) - Containers – (3) 60 mL Amber glass vials (Red Cap Vials)

SPECIAL INSTRUCTIONS METHOD 541: This method requires measurement of **exactly 50 mL** of sample volume. Use graduated cylinder provided to measure 50 mL of sample and fill each vial with 50 mL of sample.

AM2 Sampling Containers

If system is subject to DBP Rule:

Collect these two samples at the raw water source



250 mL {Yellow- Sulfuric acid}(TOC)
500 mL plastic (Bromide)

TOC & Bromide sampling are

NOT required for consecutive systems

Each DBP sample site

requires one container:



Method 552.3: 500 mL
Ammonium Chloride

Haloacetic Acids

AM3 Sampling Containers

Collect ALL Samples

at entry point to distribution



Method 544: {3- 500 mL bottles}
Method 545: Yellow cap vials {2}

Method 546: 250 mL bottle white cap (fill ½ full)

If Water Source is **GW**, AM3 is **NOT** required.

HAA9 & Indicators (Assessment Monitoring (AM2) – Group 2):

Samples shall be collected from the identified distribution sites. Allow water from tap to flush for approximately 5 minutes. Collect the samples from the flowing system. Fill containers but **do not overflow** and invert each container several times after filling to mix preservative. Sample containers are not required to be free of headspace.

Bromide and TOC shall be collected from the Raw Source water location identified in your schedule. If from the tap, allow the water to run for approximately 5 minutes. Fill sample containers without overflowing and once capped invert several times to mix preservative. Purchasing and or Consecutive systems are not required to perform testing for Bromide & TOC.

Method 552.3 (HAA9) – Container – (1) 500 mL Amber Glass per sampling site.

Method 300.1 (Bromide) – Container – (1) 500 mL Plastic

Method SM5310C (TOC) – Container – (1) 250 mL Amber Glass with sulfuric acid.

(Assessment Monitoring (AM3) – Group 3):


Samples shall be conducted at the Entry Point. Allow water from tap to flush for approximately 5 minutes. Collect the samples from the flowing system.

Fill containers but **do not overflow** and invert each container several times after filling to mix preservative. Sample containers are not required to be free of headspace.

Method 544 – Container – (3) 500 ml. Amber Glass.

Method 545 – Container – (2) 60 mL Amber glass vials (Red Cap Vials)

Method 546 – Container – (1) 250 mL Amber (White cap). **Only ½ bottle volume required.**



Proper Sampling and Analysis Practices

- Archie Fugate, Jr.



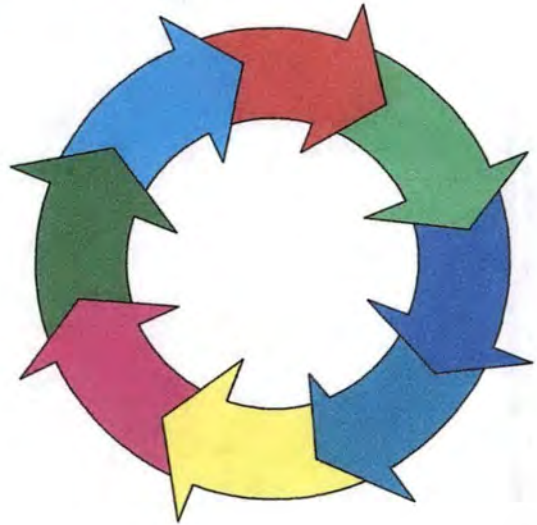
McCoy & McCoy LABORATORIES, Inc.

Providing tomorrow's analytical capabilities today



Overview of Compliance

- Sample Scheduling
- Sample Collection
- Sample Preparation
- Analysis
- Data Reduction
 - identification
 - quantitation
 - review
- Final Report



Each step is a critical link in the chain of the process.

One weak link weakens the final product

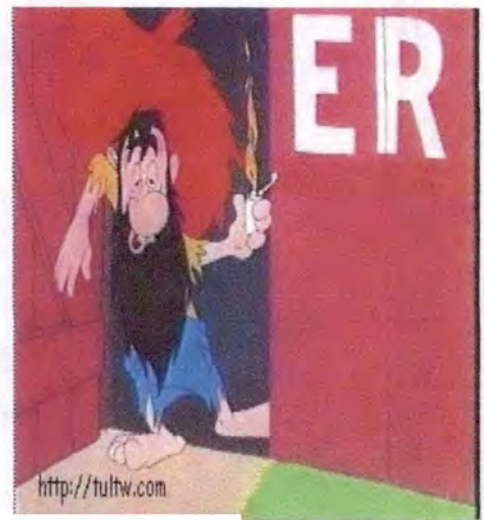


Good Practices

- Follow the collection procedures that are in place for your facility.
- If you make a mistake, admit it.
- If you do it, write it down.
- Use indelible ink for all written records.
- Make sure you date and initial everything you do; especially any corrections you make to a document or lab record. Remember, single line, initial and date.

Bad Practices

- Use a pencil so ~~mistakes~~ mistakes can be erased.
- Using incorrect containers or preservatives.
- Failing to calibrate field instrumentation.
- Intending to write down data but failing to do so. (relying on memory!)
- Incorrect safety precautions.





Good Sample Practices

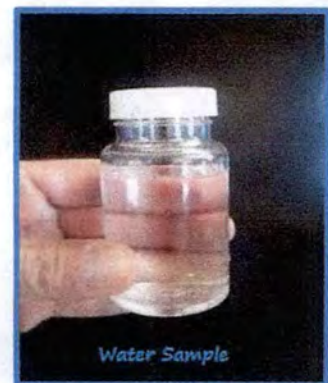
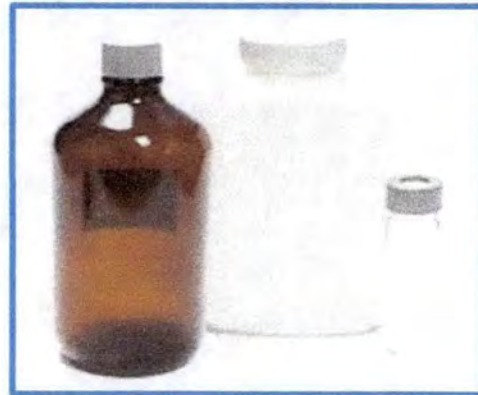
- Use proper containers for the analyte requested. For example – most organic testing require glass containers; bacteriological testing require sterile containers.
- Make sure the paperwork is correct...especially the Chain of Custody documents!
- Check preservation (temperature, pH, chlorine, etc) and **WRITE IT DOWN**
- Make sure bottles are not compromised (e.g. leaking, cracked, loose lid)



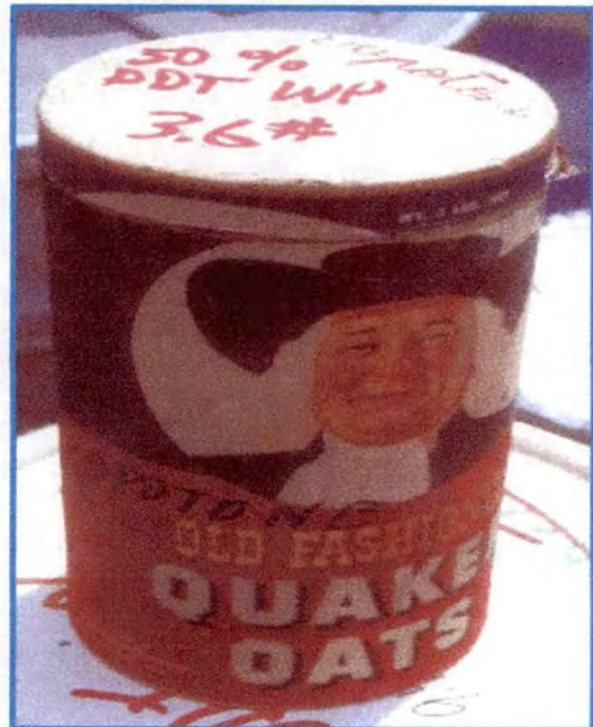
Appalling Sample Practices

- Collection of the samples in a coffee container.
- Wait to record any record regarding sampling collection (weather, temperature, pH, time, date)
- Rinsing the preservatives out of the provided containers.
- Broken container lid or leave the container lid loose.
- Store the samples next to your foods.

Proper Sampling Containers



Improper Sampling Containers





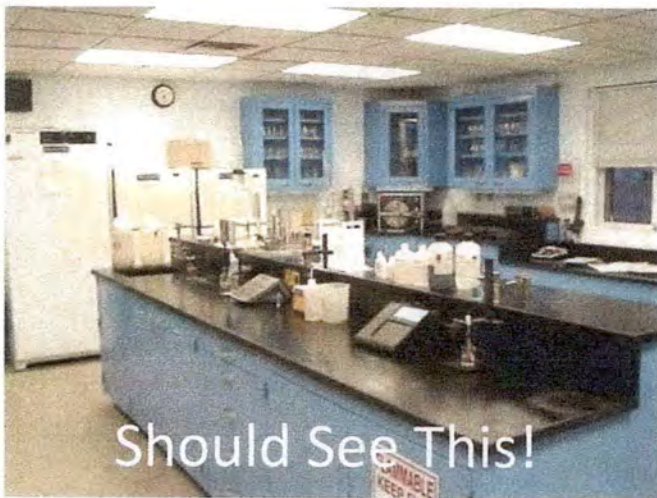
First Impressions are Important!

- Keep the Your Area Clean!
- Organize All Reagents and Equipment!
- Use Proper Safety Equipment!
- Keep Adequate Documentation!
- Organize Final Reports for Easy Access!

Which lab would you pick?



Overall Laboratory Appearance



Virtual Tour of MMLI



Physical Chemistry Section



Microbiology Lab Section



Extraction Laboratory



GC/MS & HPLC Section



GC & GC/MS Section



Administrative Offices

Inside of Bottom “Laboratory”



An Old Adage

- The quality of the result is equal to the quality of the sample



"Our only option is to improve quality or hire more lawyers."



Data Integrity

- Data of known and documented quality
- Representative, Comparable and Complete
- Defensible and Usable for its intended purpose, the first time.
 - Best Practices for the Detection and Deterrence of Laboratory Fraud, 1997





Auditors Have Actually Witnessed

- Reporting results for fecal coliforms with no equipment and no purchase orders for supplies.
- Fecal results for dates with empty incubators
- QC results for a standard but no standard in house or ever ordered.
- pH Meter inoperative
- Reporting TSS, but no drying oven in lab.

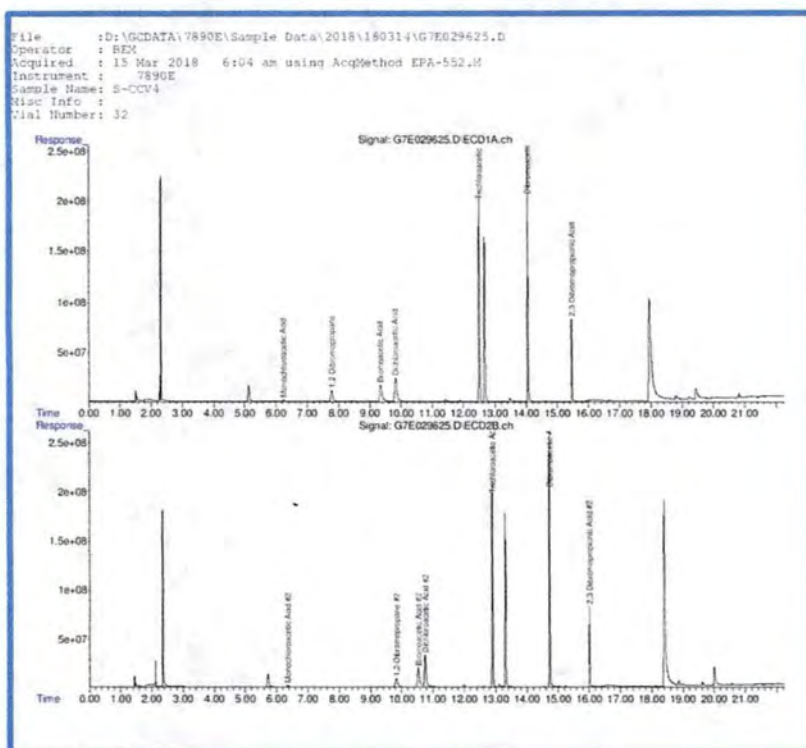




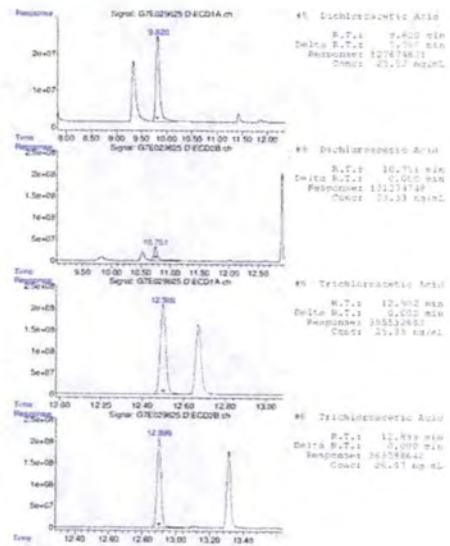
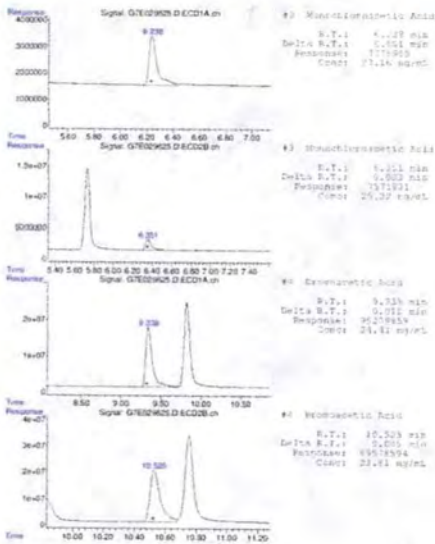
“Good Data”

- Has bench sheets and/or log books for back up.
- Has acceptable QC.
- Has proper preparation documentation.
- Is representative of a sample type
- Doesn't have many “flags”
- Remember, “ugly” data isn't “bad” data (e.g. logbooks and bench sheets with no mistakes; always perfect)

Good Data



Good Data



Laboratory Quality

Method	Analyte	Units	Reported	Assigned	Acceptance Limits	Recovery	Performance Evaluation
EPA 524.2	Chloroform	µg/L	29.2	28.4	22.7 - 34.1	102.80%	Acceptable
EPA 524.2	Chloroform	µg/L	26.5	30.1	24.1 - 36.1	88.04%	Acceptable
EPA 524.2	Chloroform	µg/L	12.23	12	9.60 - 14.4	101.90%	Acceptable
EPA 524.2	Chloroform	µg/L	27.2	29.7	23.8 - 35.6	91.60%	Acceptable
						Avg: 96.1%	
EPA 524.2	Bromodichloromethane	µg/L	6.32	7.12	5.70 - 8.54	88.80%	Acceptable
EPA 524.2	Bromodichloromethane	µg/L	15.9	16.8	13.4 - 20.2	94.60%	Acceptable
EPA 524.2	Bromodichloromethane	µg/L	28.13	28.2	22.6 - 33.8	99.80%	Acceptable
EPA 524.2	Bromodichloromethane	µg/L	6.82	7.38	5.90 - 8.86	93.20%	Acceptable
						Avg: 94.1%	
EPA 524.2	Chlorodibromomethane	µg/L	23.8	26.1	20.9 - 31.3	91.20%	Acceptable
EPA 524.2	Chlorodibromomethane	µg/L	30.3	33.6	26.9 - 40.3	90.20%	Acceptable
EPA 524.2	Chlorodibromomethane	µg/L	15.77	16.2	13.0 - 19.4	97.40%	Acceptable
EPA 524.2	Chlorodibromomethane	µg/L	24.6	27.7	22.2 - 33.2	88.80%	Acceptable
						Avg: 91.9%	
EPA 524.2	Bromoform	µg/L	7.21	7.62	6.10 - 9.14	94.60%	Acceptable
EPA 524.2	Bromoform	µg/L	15.9	17.9	14.3 - 21.5	88.80%	Acceptable
EPA 524.2	Bromoform	µg/L	21.31	23.1	18.5 - 27.7	92.20%	Acceptable
EPA 524.2	Bromoform	µg/L	23.29	26.6	21.3 - 31.9	87.60%	Acceptable
						Avg: 90.8%	



Good Indicators of Bad Data

- Not documenting work
 - Instrument calibration logs
 - Incomplete Chain of Custody Forms
- Not initialing or signing work.
- Inability to find field logs or bench sheets
- Different number on final report than on bench sheet, after calculations.



“Bad” Data

- Only on Final Report, no supporting documentation (logbooks, printouts, etc)
- No QC results traceable to Data.
- Final report results don't match bench sheet results.
- Reporting results above your highest calibration standard concentration, without a dilution



FOCUS

- **F** – Focus on the job at hand (be considerate to others)
- **O** – Organize your work.
- **C** – Check your Paperwork.
- **U** – Use the right tools.
- **S** – Sum it up.



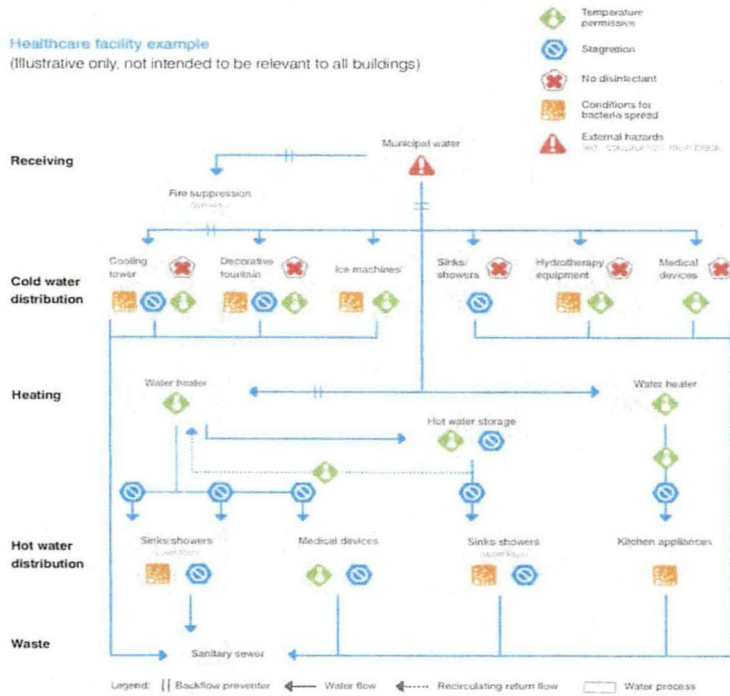
Be Honest!

- Report your Results.
- Do your Quality Control and Report any Problems.
- **Keep Maintenance Records.**
- If you do it, WRITE IT DOWN!

Areas where *Legionella pneumophila* could grow and spread

IDEXX

Healthcare facility example
(illustrative only, not intended to be relevant to all buildings)



© 2011 IDEXX Laboratories. All rights reserved. IDEXX is a registered trademark of IDEXX Laboratories. IDEXX is not responsible for the accuracy of the information provided in this document. IDEXX is not responsible for the accuracy of the information provided in this document. IDEXX is not responsible for the accuracy of the information provided in this document.

807 KAR 5:070. Filing requirements and standards for commission approval of water district commissioner training programs.

RELATES TO: KRS 74.020(6), (7)

STATUTORY AUTHORITY: KRS 74.020(6), (7)(b), (c), (d)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 74.020(6) provides that each water district commissioner may receive an annual salary of not more than \$6,000 to be paid out of the water district management fund if he completes during an educational year a minimum of six (6) instructional hours of water district management training approved by the commission. KRS 74.020(7)(b) provides that the commission shall be responsible for the regulation of all water district management training programs for commissioners of water districts, combined water, gas, or sewer districts, or water commissions. KRS 74.020(7)(c) requires the commission to establish standards and procedures to evaluate, accredit, and approve water district management training programs. KRS 74.020(7)(d) provides that the commission may promulgate administrative regulations in accordance with the provisions of KRS Chapter 13A to implement KRS 74.020. This administrative regulation establishes filing requirements and standards for commission approval of water district commissioner training programs.

Section 1. Filing Requirements. To apply for approval of a proposed water district commissioner training program, an applicant shall file with the commission an original and five (5) copies of the following documents and information concerning the program for which approval is sought:

- (1) The name and address of the applicant;
- (2) The name and sponsor of the program and the subject matter covered by the program;
- (3) A summary of the content of the program in detail sufficient to describe how the program will enhance the management, operation, and maintenance of water treatment and distribution systems;
- (4) The number of credit hours requested for the program;
- (5) The name and relevant qualifications and credentials of each instructor presenting the program;
- (6) A copy of written materials given to water commissioners attending the program; and
- (7) If the program has been certified by an organization that provides training to persons associated with the water industry, the name of the certifying organization and a statement that the certification remains valid.

Section 2. Subject Matter. Program hours consisting of one (1) or more of the following areas of instruction shall be approved as to subject matter:

- (1) Federal and state law regarding safety standards for drinking water;
- (2) Management techniques;
- (3) Accounting standards and treatment of costs;
- (4) Financing principles;
- (5) Rate design;
- (6) Water technology and system facilities;
- (7) Ethics; and
- (8) Other areas of instruction related to, and calculated to enhance the quality of, the management, operation, and maintenance of a water system.

Section 3. Expiration and Renewal. Approval of a program shall automatically expire twelve (12) months after commission approval has been issued, except that an applicant may request that approval be renewed for an additional twelve (12) month period by submitting the following:

- (1) A copy of the initial application with a copy of the commission order approving;
- (2) Updates, if any, to the application, with supporting documentation, if necessary. (25 Ky.R. 2245; eff. 5-19-99.)

PSC Revamps Required Training for Water District Boards

From: PSC Filings

Sent: Thu, Mar 15, 2018 at 3:03 pm

To: jameso@ccwd.net

Images not displayed: [Show images](#) or [Always show images from this sender](#)

Matthew G. Bevin

Governor

Michael J. Schmitt

Chairman

Charles G. Snavely

Secretary

Energy and Environment Cabinet

Commonwealth of Kentucky

Public Service Commission

psc.ky.gov

Robert Cicero

Vice Chairman

Talina R. Mathews

Commissioner

Contact: Andrew Melnykovich
502-782-2564 or 502-564-3940
502-330-5981 (cell)
Andrew.Melnykovich@ky.gov

NEWS RELEASE

PSC Revamps Required Training for Water District Boards

Commissioners now will need to receive initial training directly from the PSC

FRANKFORT, Ky. (Mar. 15, 2018) – Newly appointed water district commissioners now will be required to receive training in key areas only through courses offered directly by the Kentucky Public Service Commission (PSC).

In an order issued today, the PSC cited a need for more consistent and rigorous training for new commissioners, noting that a number of water districts recently have been found by the PSC to be in violation of basic statutory requirements governing issues such as financing and operations.

Those problems have raised “urgent concerns about the level and consistency of training received by water district commissioners,” the PSC said in the order.

Under Kentucky law, newly appointed water district commissioners are to receive 12 hours of training within a year of taking office. Once water district commissioners have completed their first year in office, Kentucky law allows them to attend six hours of training per year in order to receive higher annual compensation.

The PSC has the authority to determine the content of water district commissioner training and by whom it may be offered.

In today's order, the PSC set the following training requirements:

- New commissioners must attend a training seminar conducted by the PSC, which covers nine core subject areas.
- Water district commissioners who have received the initial 12 hours of training may attend either training conducted by the PSC or by PSC-approved third parties in order to receive their six hours of annual continuing education.
- Continuing education may include either core courses or elective courses offered or approved by the PSC.
- Third parties wishing to offer water commissioner training must have the courses and course materials approved in advance by the PSC. Course materials must be provided to attendees in order for third-party courses to be approved.

The core curriculum includes topics such as complying with PSC regulatory requirements, setting rates, infrastructure planning and maintenance, emergency planning and preparedness, water district finances and operations, customer service, ethics, and compliance with state open meetings and open records acts.

The PSC typically offers three two-day water district training seminars each year. The seminars are open not only to water district commissioners, but also to water district staff, staff and commissioners of water associations, and to other interested parties.

PSC seminars are held in various locations across Kentucky in order to allow water utility officials from across the state to attend.

The first PSC seminar this year will be held April 17 and 18 at Jenny Wiley State Resort Park near Prestonsburg. A seminar will be held in late summer or early fall in western Kentucky, with the final seminar of the year held at the PSC offices in Frankfort in early December.

Today's order is available on the PSC website, psc.ky.gov. The case number is 2018-00085.

The PSC is an independent agency attached for administrative purposes to the Energy and Environment Cabinet. It regulates more than 1,500 gas, water, sewer, electric and telecommunication utilities operating in Kentucky.

[2018 PSC Water Training Seminar Registration Form](#)

Copyright © 2018 - All rights reserved.

Our mailing address is:

211 Sower Blvd
Frankfort, Ky 40601

Add us to your address book

You are receiving this notice as a regulated water district or water association at the email address you have designated as the regulatory contact email.

This email was sent to jameso@ccwd.net

[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)

- 211 Sower Blvd · Frankfort, Ky 40601 · USA

 Email Marketing Powered by MailChimp