

Texas Commission on Environmental Quality Drinking Water Advisory Work Group (DWA WG) Meeting

January 20, 2015

Program Updates

- *Welcome*

Gary Chauvin – Manager - Public Drinking Water Section

Gary.C Chauvin@tceq.texas.gov (512) 239-1687

James Beauchamp – Assistant - Public Drinking Water Section

James.Beauchamp@tceq.texas.gov (512) 239-6174

Melinda Torres – Assistant - Public Drinking Water Section

Melinda.Torres@tceq.texas.gov (512) 239-3132

- *Permitting & Registration Support Division*

Occupational Licensing Section

Russell Gardner - Manager

Occupational Licensing (OL) – Russell.Gardner@tceq.texas.gov (512) 239-3111

Paul Munguía/ – Program Supervisor

Occupational Licensing (OL) – Paul.Munguia@tceq.texas.gov (512) 239-6394

October 11, 2014 – January 15, 2015

Backflow Prevention Assembly Tester	
Applications Received (new & renewal)	429
New Licenses Issued	124
Renewal Licenses Issued	333
Total Current Licenses	5,395
Tests Administered	0
Tests Passed	0
Passing Percentage	0

CUSTOMER SERVICE INSPECTOR	
Applications Received (new & renewal)	147
New Licenses Issued	36
Renewal Licenses Issued	77
Total Current Licenses	1,773
Tests Administered	75
Tests Passed	39
Passing Percentage	52

Water Operator	
Applications Received (new & renewal)	1,765
New Licenses Issued	483
Renewal Licenses Issued	954
Total Current Licenses	15,042
Tests Administered	1,124
Ground Water Treatment Operator - B	49
Ground Water Treatment Operator - C	161
Surface Water Treatment Operator - B	76
Surface Water Treatment Operator - C	103
Water Distribution Operator - B	51
Water Distribution Operator - C	156
Water Operations Company	0
Water Operator - A	26
Water Operator - D	502
Tests Passed	
Ground Water Treatment Operator - B	14
Ground Water Treatment Operator - C	51
Surface Water Treatment Operator - B	14
Surface Water Treatment Operator - C	41
Water Distribution Operator - B	11
Water Distribution Operator - C	51
Water Operations Company	0
Water Operator - A	14
Water Operator - D	227

Passing Percentage	37.6
Ground Water Treatment Operator - B	28.6
Ground Water Treatment Operator - C	31.7
Surface Water Treatment Operator - B	18.4
Surface Water Treatment Operator - C	39.8
Water Distribution Operator - B	21.6
Water Distribution Operator - C	32.7
Water Operations Company	0
Water Operator - A	53.8
Water Operator - D	45.2

Water Treatment Specialist	
Applications Received (new & renewal)	57
New Licenses Issued	24
Renewal Licenses Issued	21
Total Current Licenses	636
Tests Administered	
Water Treatment Specialist - I	3
Water Treatment Specialist – II	9
Water Treatment Specialist – III	17
Tests Passed	
Water Treatment Specialist – I	2
Water Treatment Specialist – II	5
Water Treatment Specialist – III	9
Passing Percentage	
Water Treatment Specialist - I	66.7
Water Treatment Specialist - II	55.6
Water Treatment Specialist – III	52.9

- ***Environmental Assistance Division (EAD)***
Small Business and Local Government Assistance

Joy Schultz –

Small Business and Local Government Assistance (SBLGA) Section

Joy.Schultz@tceq.texas.gov (512) 239-3470

The TCEQ is hosting free Asset Management Workshops.

These workshops will provide tools and an opportunity for operators, administrators, council members, and others to begin asset management planning in order to make better financial decisions and stop the cycle of reacting to crisis situations – which always costs more money!

We will discuss how to:

- Develop an asset inventory
- Prioritize needed repairs or replacement of assets
- Prepare a budget
- Determine the amount of money needed to support your system
- Evaluate your water source during drought conditions.

Operators will earn three Continuing Education Units (CEUs) for attending a workshop. The locations and dates are as follows:

Denton	February 17, 2015
Rosenberg	February 26, 2015
Liberty	March 26, 2015

For more information about upcoming workshops and to register for a workshop near you, visit the TCEQ's website at <http://www.tceq.texas.gov/goto/small-pws-workshop/> or call our toll-free hotline at 800-447-2827.

- ***Water Supply Division (WSD)***
 - Plan & Technical Review (PTR) Section***
 - Utilities Technical Review (UTR) Team***
 - Technical Review and Oversight Team (TROT)***

Joel Klumpp - Manager

Plan and Technical Review Section – Joel.Klumpp@tceq.texas.gov

(512) 239-4453

Vera Poe - Team Leader

Utilities Technical Review – Vera.Poe@tceq.texas.gov

(512) 239-6988

VACANT – Team Leader

Technical Review and Oversight Team –

- Desalination- Plus Rule Package
- New System Procedures
- DWSRF Solicitation - TCEQ's Role In This Process
- Temporary Managers and Receivers
- Upcoming Needs Survey and TCEQ's Role
- Texas Optimization Program

The Texas Optimization Program (TOP) helps surface water treatment plants do the best job they can of removing potential pathogens (disease-causing microorganisms) from the lake or river water that they use to produce drinking water. A system that meets the TOP Recognition criteria ensures this increased public health protection and the TCEQ recognizes them for this significant achievement.

TOP Recognition criteria were set by the stakeholders in Texas, including utilities and regulators. To receive a TOP Recognition award, a plant must continuously meet all of the following criteria for six consecutive months:

- none of the filtered water turbidity readings from any of the filters can be above 0.5 NTU;
- at least 99% of the filtered water turbidity readings from each individual filter must have a turbidity of 0.3 NTU or less;

- at least 90% of the filtered water turbidity readings from each individual filter must have a turbidity of 0.1 NTU or less;
- at least 95% of the total number of filtered water turbidity readings must have a turbidity of 0.1 NTU or less;
- the filtered water turbidity must not exceed 0.349 NTU during post-backwash turbidity spikes
- the filtered water turbidity level must drop to 0.149 NTU or lower within 30 minutes of returning a filter to service after it is backwashed.

Currently 15 water treatment plants are participating in the TOP Recognition Program out of 385 surface water treatment plants in Texas. Six of these water treatment plants have met the extremely stringent recognition criteria continuously for more than five years.

For more information on this program search TOP on the agency home page.

- ***Office of Compliance and Enforcement***
Program Support Section

Beryl Thatcher – Section Manager

OCE Program Support Section – Beryl.Thatcher@tceq.texas.gov

(512) 239-2270

- **Introduction of new Section Manager**
- **Update on the Enforcement Initiation Criteria**

June Ella Martinez – PWS/Water Liaison

OCE Program Support Section- June_Ella.Martinez@tceq.texas.gov

(512) 239-3242

- **Public Water System (PWS) Regional Activity**

Information below represents the number of PWS activities conducted by the OCE regional staff in FY15 (9/01/14 – 1/15/15):

- 285 Complaint Investigations
- 75 Focused Investigations
- 18 Compliance Record Review Investigations
- 19 Follow-up Investigations
- 81 Recon Investigations

- 854 Comprehensive Compliance Investigations (CCIs)

- **Texas Water Development Board Handout During CCIs**

- ***Water Supply Division***

Public Drinking Water (PDW) Section

Gary Chauvin - Manager

Public Drinking Water Section – Gary.C Chauvin@tceq.texas.gov

(512) 239-1687

James Beauchamp – Assistant

James.Beauchamp@tceq.texas.gov (512) 239-6174

Melinda Torres – Assistant

Melinda.Torres@tceq.texas.gov (512) 239-3132

- ***Drinking Water Inventory and Enforcement Team (DWIET)***

John Schildwachter – Team Leader

Drinking Inventory and Enforcement Team –

John.Schildwachter@tceq.texas.gov (512) 239-2355

PHS Fees

FY 2013:

Total statements: 6,958

Billed amount: \$20,414,872

Amount collected (as of 12/23/2014): \$20,401,412 (99.93%)

FY 2014:

Total statements: 6,949

Billed amount (pending): \$16,698

Statements mailed: 11/19/13 (all invoices are dated 11/30/13)

Payment due in full: 1/1/14

Amount collected (as of 12/23/2014): \$20,210,546 (99.92%)

FY 2015:

Total statements: 6,941

Billed amount (pending): \$4,626,742

Statements mailed: 11/19/14 (all invoices dated 11/30/14)

Payment due in full: 1/1/15

Amount collected (as of 12/23/14): \$15,930,800 (77.49%)

Boil Water Notices Received for 4th Quarter of 2014: 304

Public Notice

Public Notices Submitted (Data Entry):

Oct 2014: 141

Nov 2014: 134

Dec 2014: 475

Q2, 2014 Total: 750

Public Notice Violations:

Oct 2014: 625

Nov 2014: 133

Dec 2014: 160

Q2, 2014 Total: 918

Enforcement Notes for 4th Quarter 2014

102 Enforcement cases

2 Data Maintenance cases

Enforcement Notes for 4th Quarter 2014

103 Enforcement cases

8 Data Maintenance case

Number of PWS's on the Enforcement Targeting Tool list.

10/8/2014 258

10/13/2014 259

10/20/2014 299

11/3/2014 318

11/10/2014 282

11/17/2014 291

11/24/2014 304

12/1/2014 297

12/22/2014 298

12/29/2014 285

Inventory Notes The Inventory Team received 921 and processed 477 change requests in addition to 280 CCI's received and 15 reviewed.

- *Drinking Water Quality Team (DWQT) Update*

Team Leader – Steven Swierenga

Drinking Water Quality Team

Steven.Swierenga@tceq.texas.gov (512) 239-6611

Chemical Compliance

- Sampling
14,960 chemical compliance samples were collected during the second quarter by our sample contractor.
- MCL Violations
During the third quarter 2014 310 MCL violations were issued for DBPs, inorganic chemicals, and radionuclides.
- Chlorite/Bromate
There were 38 chlorite M/R violations issued for September-November 2014.
- Monitoring and Reporting (M&R) Violations
42 chemical monitoring & reporting violations were issued during the second quarter of 2014 for DBPs, inorganic chemicals, organic chemicals, secondary constituents and radionuclides.
If you have questions related to M&R compliance please contact Megan Melick at 512-239-2374.
- Disinfectant Level Quarterly Operating Report (DLQOR)
242 Monitoring and Reporting violations for non-submittal and 233 violations for late submittal for the 3Q 2014 compliance period were issued on January 15, 2014.
Third quarter monitoring and reporting compliance is currently being evaluated. Notice of violation letters are slated to be issued within the next month.
If you have questions related to DLQOR please contact Katie Murphy at 512-239-4706.

Lead and Copper Rule

- During the 4th quarter of 2014, the Lead and Copper program issued a total of 899 monitoring and reporting violations: 195 initial tap water violations, 654 reduced tap water violations, and 50 Lead Consumer Notice violations.
- Also during the 4th quarter of 2014, there were 18 lead action level and 4 copper action level exceeder notices sent.

If you have questions related to LCR please contact Laurie Gehlsen at 512-239-4660.

Total Coliform Rule

- For September, October, and November of 2014 (4th Quarter 2014) we received **84,081** routine and repeat samples.
- For October, November, and December of 2014 (4th Quarter 2014) we received **1** TCR acute MCLs and **49** TCR non-acute MCLs.
- For September and October of 2014 (4th Quarter 2014) there are;
 - TCR Routine Monitoring Violations: **265**
 - TCR Repeat Monitoring Violations: **28**

Surface Water Treatment Rule

SWMOR M&R Compliance

There were nine M/R violations issued during the fourth quarter for failure to submit the Surface Water Monthly Operating Report (SWMOR). Letters were mailed on October 16, 2014 and December 10, 2014 to seven different public water systems.

- Drinking Water Technical Review Team (DWTRT)

Jonathan Haynes – Team Leader

Drinking Technical Review Team – Jonathan.Haynes@tceq.texas.gov

(512) 239-4662

Drought

(Alexander Hinz, Drought Coordinator, Alexander.Hinz@tceq.texas.gov

(512) 239-4720, Daniel Rice, Assistant Drought Coordinator,

Daniel.Rice@tceq.texas.gov , Jessika Gunn-Reece, Wendi Wilkes, Sara Sopczynski, Jerad Laxson)

- **1,175** public water systems (PWSs) asking customers to follow outdoor water use restrictions.

- Of these systems, **788** are asking customers to follow a mandatory watering schedule and
- **387** are asking customers to follow a voluntary watering schedule.
- Seasonal forecasts continue to predict the drought to persist or intensify in some areas of the state. Winter temperatures are anticipated to be below normal and precipitation to be above normal. The outcome is anticipated to decrease demands and allow for steady water supply source levels. However, long term precipitation deficits and below normal surface water and groundwater levels most likely will remain throughout the winter.
- Currently **72** PWSs have prohibited all outside watering.

December precipitation throughout most of the state ranged from normal to 2 inches below normal. Some coastal areas received 1-2 inches above normal rainfall. Heading into the fifth year of drought, monthly forecasts for January 2015 indicate drought conditions may persist and/or intensify throughout the panhandle extending throughout most of the north central region. Drought conditions are forecasted to remain, but with some improvement, across the northeastern region extending into some central and south central regions. Removal of drought conditions is likely in some northeastern, central, and south central areas of the state.

Ground Water Rule (GWR)

(Matt Court, Rob Shurgis)

- **23** Systems received TSM Violation
- **4** Purchasing Systems received violations for not informing Wholesale providers of a positive in the distribution system
- **3** GWR Corrective Action Letters Mailed
- **1767** Raw Water Samples Posted
- **225** GWR & TCR phone calls / emails
- **14** Meetings and Trainings Attended

Emergency Preparedness Plan (EPP)

(Daniel Rice)

- **1** EPP Projects Submitted
- **2** EPP Letters Mailed

Ground Water Source Inventory / Ground Water Under The Influence (GUI)

(Gregg Tatum)

- Processed **59** newly-approved groundwater well completion packages
- Reviewed **227** Comprehensive Compliance Investigation reports; updated SDWIS to reflect all changes related to well owner ID / physical address / activity status / tested capacity (gpm)
- Issued **1** Enhanced Treatment Requirement notice for PWS source identified as GUI

- Continued efforts to track status of GUI PWS not meeting SWTR treatment/reporting requirements; assisted management in identifying systems to receive Notices of Violation (NOV) or Notices of Enforcement (NOE)

Exceptions & Public Information Requests (PIRs)

(Greg Tipple and Data Support Group)

- PDW Section Responses to Public Information Requests Completed – **277**
 - PDW stated it had no responsive documents – **249**
 - PDW provided individual response and/or data package – **28**

(Greg Tipple, Sean Ables, Gregg Tatum, Matt Court)

- DWTRT Cross-Team Reviews for TROT of Exception Requests Completed (geological conditions and well construction) – **47**

Source Water Assessment & Protection (SWAP) / Source Water Protection (SWP)

(Mason Miller, Sean Ables)

- TCEQ SWP contract was awarded to Atkins North America Inc. in February 2014.
- During FY15 Atkins North America Inc. and subcontractors will complete source water protection plans for **24** water systems in 12 counties.
- TCEQ DWTR Team assists Texas Rural Water Association as they continue to implement source water protection projects for water systems throughout the state.
- TCEQ Public Drinking Water Conference is August 11-12, 2015 in Austin, Texas. Registration for this event free event opens May 18, 2015. Search PDW Conference on the agency home page for more information on this very informative event.
- TCEQ DWTR Team assists TROT with the Texas Optimization Program.
- DWTR Team staff continue to serve as the TCEQ GPS Coordinators and Trainers for TCEQ's staff and contractors.

Data Support

(James Stapel, Meagan Warncke, Carl Bouscaren, Henrietta Elston, Wanza Guyton, Kent Steelman, Komal Patel, Rusty Thomas, Rylan Fields)

- Working with Labs to begin TCR data submissions in E2
- Started work on importing DLQOR data from E2 to compliance application
- Current FY Data Support (IDA) requests completed: **103**
- Data entry: DLQOR –**5760**, CLO2 – **454**, Chlorite – **1008**
- **1099** Surface Water Monthly Operating reports entered
- Return to Compliance (RTC): **1702** violations returned to compliance and migrated into SDWIS
- Continued work on NOV letter generation in support of the DWQ Team

- Worked with IRD to procure new application servers for SDWIS at the Data Services Center (DSC)
- Provided data support for WSD audit
- Initiated process of migrating Office of Water content from the T-Net to SharePoint
- Federal Reporting of Compliance Data to EPA
 - Texas submitted over **388,120** records to EPA for review
 - These data include information on public water system facilities, compliance samples, and violations and enforcement actions
 - TCEQ has a current error rate of **0.06%** for FY14

- ***Homeland Security/EPP***

Melinda Torres – Assistant

Public Drinking Water – Melinda.Torres@tceq.texas.gov (512) 239-3132

Emergency Preparedness Plan (Texas Water Code, §13.1395 and §13.1396)

EPP update