

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

July 16, 2019

Program Updates

- *Welcome*

Gary Chauvin – Manager - Drinking Water Standards Section

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

Steven Swierenga – Special Assistant – Drinking Water Standards

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

Michele Risko – Manager - Drinking Water Special Functions Section

Michele.Risko@tceq.texas.gov (512) 239-1689

Sean Ables – Special Assistant – Drinking Water Special Functions Section

Sean.Ables@tceq.texas.gov (512) 239-1758

Permitting & Registration Support Division

Occupational Licensing Section

Linda Saladino – Manager

Occupational Licensing – linda.saladino@tceq.texas.gov (512) 239-0178

Tamara Calhoun – Team Leader

Occupational Licensing – tamara.calhoun@tceq.texas.gov (512) 239-2262

Fiscal Year 2019
BPAT, CSI, Water Operator Program Results
3rd Quarter (March 1, 2019 – May 31, 2019)

	New Apps Received	Renewal Applications Received	Total Applications Received	Tests Administered	Tests Passed	Percent Passed	New Licenses Issued	Renewal Licenses Issued	Total Current Licenses
Backflow Prevention Assembly Tester	202	410	612	316	150	47.5	132	405	5,808
Grand Totals:	202	410	612	316	150	47.5	132	405	5,808

	New Apps Received	Renewal Applications Received	Total Applications Received	Tests Administered	Tests Passed	Percent Passed	New Licenses Issued	Renewal Licenses Issued	Total Current Licenses
Customer Service Inspector	106	121	227	183	77	42.1	72	113	2,126
Grand Totals:	106	121	227	183	77	42.1	72	113	2,126

	New Applications Received	Renewal Applications Received	Total Applications Received	Tests Administered	Tests Passed	Percent Passed	New Licenses Issued	Renewal Licenses Issued	Total Current Licenses
Ground Water Treatment Operator - B	27	52	79	36	13	36.1	10	52	748
Ground Water Treatment Operator - C	126	250	376	225	81	36	81	243	3,369
Surface Water Treatment Operator - B	42	70	112	115	22	19.1	22	65	956
Surface Water Treatment Operator - C	74	120	194	89	43	48.3	40	123	1,897
Water Distribution Operator - B	44	43	87	85	13	15.3	14	45	608
Water Distribution Operator - C	135	219	354	224	104	46.4	102	195	3,571
Water Operator - A	31	109	140	49	24	49	24	104	1,174
Water Operator - D	484	97	581	882	357	40.5	346	94	4,474
Grand Totals:	963	960	1,923	1,705	657	38.5	639	921	16,797

Fiscal Year 2019

Office of Compliance and Enforcement

Program Support Section

Kristi Mills-Jurach – Division Director

OCE Program Support and Environmental Assistance Division – Kristi.Mills-Jurach@tceq.texas.gov
(512) 239-1261

Jonathan Haynes – Section Manager

OCE Program Support Section – jonathan.haynes@tceq.texas.gov
(512) 239-4662

Tom Heitman - PWS/Water Liaison

OCE Program Support Section – Tom.Heitman@tceq.texas.gov
512-239-3257

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

Information below represents the number of PWS activities conducted by the OCE regional staff in FY19 (9/01/18 – 08/31/2019):

- 800 Complaint Investigations
- 190 Focused Investigations
- 174 Compliance Record Review Investigations
- 36 Follow-up Investigations
- 301 Recon Investigations
- 1,532 Comprehensive Compliance Investigations (CCIs)

Environmental Assistance Division (EAD)

Small Business and Local Government Assistance Section

Diana Steele, Team Leader –

Small Business and Local Government Assistance (SBLGA) Section

Diana.Steele@tceq.texas.gov

(325) 481-8061

No updates.

Water Supply Division

Plan & Technical Review Section (PTR)

Plan and Technical Review Section

Joel Klumpp - Manager

Joel.klumpp@tceq.texas.gov

(512) 239-4453

Brittney Wortham-Teakell – Technical Specialist/Special Assistant

Brittney.teakell@tceq.texas.gov

(512) 239-4392

Plan Review Team

Vera Poe - Team Leader

Vera.poe@tceq.texas.gov

(512) 239-6988

Response and Capacity Development Team

Kenneth Dykes – Team Leader

Kenneth.dykes@tceq.texas.gov

(512) 239-4753

Technical Review and Oversight Team

Stephanie Escobar – Team Leader

Stephanie.escobar@tceq.texas.gov

(512) 239-2439

Plan Review Team (PRT)

Number of plans and specifications submittals processed by the Plan Review Team during March 2019 – May 2019: 585

Drinking Water Infrastructure Needs Survey: the EPA has indicated the four-year survey of infrastructure needs is on for 2020. The survey is very important for water systems funding as the sum of the state needs are used to determine the Drinking Water State Revolving Fund allotment Texas will receive. The survey includes all systems with a population greater than 100,000 and a sampling of systems with populations less than 100,000. The American Water Infrastructure Act requires that the upcoming survey include an inventory of leak service lines

and the cost to replace those lines. TCEQ staff have been attending webinars and training to prepare for the upcoming survey.

Technical Review and Oversight Team (TROT)

Number of Exception and Alternative Capacity Requirement requests processed by the Technical Review and Oversight Team during March 2019 – May 2019: 232

Response and Capacity Development Team (RCDT)

Number of free on-site Financial, Managerial, and Technical (FMT) Assistance assignments made for public water systems by the Response and Capacity Development Team April – June 2019: 156. This number excludes assignments made for wastewater systems and contractor training events.

Capacity Development:

- Do you need funding or other assistance? The Texas Water Infrastructure Coordination Committee (TWICC) is an umbrella organization designed to help water and wastewater systems. TWICC is made up of state and federal funding, regulatory and assistance agencies including the United States Department of Agriculture (USDA), Texas Rural Water Association (TRWA), Texas Water Development Board (TWDB), Texas Department of Agriculture (TDA), Federal Emergency Management Agency (FEMA), General Land Office (GLO) and Communities Unlimited. The next TWICC meeting will be hosted by the USDA at their offices in Temple on Wednesday, July 24th. Entities are invited to attend TWICC meetings. Anyone interested in talking to TWICC members about potential projects, funding and other assistance can contact Dorothy Young at (512) 239-6064. Information on TWICC members, funding sources and other resource links are available at www.twicc.org.
- TWICC will also be holding a workshop at the annual Public Drinking Water Conference in Austin on Thursday, August 8th at 1:30. This is an excellent opportunity to meet one-on-one with state and federal funding agencies, regulatory agencies and technical assistance providers. Water and wastewater systems are invited to come and visit with members of TWICC to discuss funding and other assistance.
- TCEQ is hosting the TWDB's Regional Financial Assistance Workshop in Austin, tentatively scheduled for Tuesday, July 30th in TCEQ's Building F, Room 2210. This workshop will provide information on the TWDB's programs and one-on-one opportunities to discuss projects. Check the TWDB website for more information or contact Tom Entsminger, TWDB, at (512) 936-0802.

Texas Optimization Program (TOP):

From April to June 2019:

- TOP staff and TOP Support contractors participated in three Revised Total Coliform Rule (RTCR) Level 2 Assessments
- TOP staff and TOP Support contractors performed one Special Performance Evaluation (SPE) at a surface water treatment plant.
- TOP staff and TOP Support contractors conducted one optimization Comprehensive Performance Evaluation (CPE) at a surface water treatment plant in the Recognition Program.
- TOP staff performed one disinfection byproduct technical assistance event at a PWS.
- TOP Recognition Program events were conducted at two PWSs.
- TOP Support contractors led two staff training events at TCEQ Regional Offices.

- TOP staff and TOP Support contractors performed customized technical assistance activities at eight PWSs throughout the state.
- TOP staff and Top Support contractors led field events and presented at the PWS Investigator Training Conference in San Antonio.
- TOP staff held Corrective Action Plan coordination meetings with three PWSs.

Drought:

- As of June 13, 2019, approximately 0.52% of the state is in moderate drought and 5.1% of the state is abnormally dry. None of the state is in severe, extreme or exceptional drought.
- As of June 18, 2019, the state's monitored water supply reservoirs are 90.5% full.
- Staff continue to monitor and provide additional resources to one High-Priority system and three Watch List systems until their current projects are completed. Two systems have moved from the High Priority and Watch Lists to the Resolved List since April 2019.

Assistance for At-Risk Public Water Systems:

- Staff continue to monitor nine systems in receivership, seven systems under temporary management and eleven systems designated as "Primary At-Risk."

Cross-Connection Control:

- Program staff completed two on-site Cross-Connection Control Program Surveys of a water systems between April and June.
- Program staff will be performing cross connection control surveys for 13 public water systems in numerous TCEQ regions this fiscal year.
- The TCEQ Cross-Connection Control Subcommittee conducted its quarterly meeting on June 6, 2019. It was well attended with very good participation from the members.
- The Cross-Connection Control Program continues to receive many requests for approval of alternate forms. These requests are evaluated in detail and approval or denial letters are issued.
- Program staff updated the TCEQ Backflow Prevention Assembly Tester (BPAT) Test & Maintenance (T&M) form (TCEQ Form – 26900), to include testing information for common Type II assemblies, it is now available online.
- Program staff hosted a field trip to conduct on-site training at a water system for investigators at the biannual PWS Investigator training. Additionally, they took 15 investigators to a BPAT training facility and hosted a workshop for investigators on June 4, 2019.

Drinking Water Standards Section

Gary Chauvin - Manager

Gary.C Chauvin@tceq.texas.gov

(512) 239-1687

Steven Swierenga – Special Assistant

Steven.swierenga@tceq.texas.gov

(512) 239-6611

Drinking Water Assessment Team

Team Leader – Jessica Hoch

jessica.hoch@tceq.texas.gov (512) 239-2353

Microbial Compliance Programs (RTCR & GWR)

- Repeat Sample Poster (attached)
 - Primarily focused on RTCR Repeat Requirements
 - Includes some guidance for GWR TSM

Revised Total Coliform Rule (RTCR) Program

(Mia Gonzalez, Claire Carlton, Lillian Johnson, Charlotte Pope, Jacqueline Hernandez, vacancy, Christi Kirk)

- New Staff Members
 - Mia Gonzalez and Claire Carlton – L1A and L2A Compliance
 - Jacqueline Hernandez – Compliance Officer

Groundwater Rule (GWR) Program

(Matt Court, P.G., Ken Quinney)

Lead and Copper Rule (LCR) Program

(Jason Williams, Seth Kramer, Colin Gearing, Thressa Webb, vacancy)

- New compliance email box
 - PWSLCR@tceq.texas.gov

- Use the general email box when submitting documentation to the TCEQ in lieu of sending to personal email boxes.
- Reminder letters for RED-2019 lead and copper tap sampling sent in early July.
 - If you have questions about when you are required to sample, please check the Texas Drinking Water Watch (DWW) website or give the LCR compliance officers a call.
- Systems scheduled to collect lead and copper tap samples during RED-2019 (and 6M2-2019) are required to sample early and follow-up on DWW to ensure results were reported.

Drinking Water Quality Team

Team Leader – Kasy Stinson

Kasy.stinson@tceq.texas.gov (512) 239-4722

Kasy Stinson is the new Team Leader for the Drinking Water Quality Team. The Drinking Water Quality Team administers compliance programs for public water systems regarding the Surface Water Treatment Rules, regulations for maximum contaminant levels for inorganic, organic, radionuclide, and disinfection byproduct chemicals, and disinfectant residuals.

Drinking Water Special Functions Section

Michele Risko - Manager

Michele.Risko@tceq.texas.gov

(512) 239-1689

Sean Ables – Special Assistant

Sean.Ables@tceq.texas.gov

(512) 239-1758

Drinking Water Technical Review Team (DWTTRT)

Emma Jones – Team Leader

Emma.jones@tceq.texas.gov 512-239-5665

Public Information Requests (PIRs)

(Kent Steelman and Data Support Group)

- PDW Section Responses to Public Information Requests Completed – **20**
- PDW stated it had no responsive documents – **8**
- PDW provided individual response and/or data package – **12**

Data Support

(James Stapel, Kent Steelman, Rylan Fields, Ben Wesley, Lee Apostolo, Dan Arnost, Stephen Taylor)

- Continued work on NOV letter generation
- Continued work on Annual Compliance Report
- Federal Reporting of Compliance Data to EPA
 - Texas submitted **456,874** 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 **0.08%**

Sample Migrations

(Lee Apostolo, Dan Arnost)

- Environmental Electronic (E2) Reporting
 - Apr – June 22, 2019 records submitted **116,095**
 - **82** labs are reporting through E2
- Chem Reporting
 - Sample records migrated **16,962**
- Lead and Copper Migrations
 - Sample records migrated **2,467**

Enforcement

(Sally Paramo, Vacant, CarMello Manning, Caleb Ingle)

Enforcement

- 2nd Quarter 2019
 - **62** Enforcement cases
 - **1** Data maintenance case
- 1st Quarter 2019
 - **61** Enforcement cases
 - **2** Data maintenance case

Pre-Enforcement

- Notes for 2nd Quarter 2019
 - 98 new systems reviewed
 - 9 points or above - 33
 - 8 points or below - 65

Post-Enforcement

- Notes for 1st Quarter 2019
 - **19** new systems reviewed
 - 3 cases have been closed
 - 85 cases are still open or have unresolved violations

Consumer Confidence Report (CCR)

(Kent Steelman, Neshanta Johnson)

- CCR generator is live and our interns are trained and reviewing incoming CCRs

Drinking Water Inventory and Protection Team (DWIP)

Patrick Kading – Team Leader

Patrick.kading@tceq.texas.gov (512) 239-4670

Leticia DeLeon – Technical Assistant

Leticia.DeLeon@tceq.texas.gov (512) 239-4978

Boil Water Notices

(Mike Howell and Brynton Johnson)

In Q2 2019, the DWIP team received notification of 491 issued Boil Water Notices and 424 Boil Water Notices rescinded.

Public Notice

(Mike Howell, Kristi Krieg, and Nicole Frisbie)

Public Notices Submitted (Data Entry):

April 2019: 538

May 2019: 552

June 2019: 630

Q2 2019 Total: 1,720

Public Notice Violations:

April 2019: 291

May 2019: 722

June 2019: 99

Q1 2019 Total: 1,112

Public Health Service Fees

(Teri Cisneros and Stephanie Frederick)

CY 2019

Total invoices: 7,009

Amount invoiced: \$24,595,602

Date invoices mailed: 11/01/2018 (dated 11/30/2018)

Due date: 12/30/2018

As of 06/04/2019 **99.81% collected**

Regulatory Assessment Fees

(Teri Cisneros and Stephanie Frederick)

CY 2018: 2,287 postcards mailed out December 20, 2018.

As of 06/04/2019 **89% collected**

Inventory Team Information:

(Carmen Portillo, Hannah Evans, Brynton Johnson, Nicole Frisbie, Chris Frazier, Zach Spivey, Taylor Nickell, Stephanie Frederick, Samantha Litchke, and Collin Goostree)

In Q2 2019, DWIP Inventory Team received 1,518 requests and processed 1,486 requests.

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

(Betsy Yockey)

During Q2 2019, issued one Assessment Source Monitoring schedule.

Emergency Preparedness Plan (EPP)

(Leticia DeLeon and Taylor Nickell)

10 EPP letters went out from April to June 2019.

Homeland Security and Emergency Preparedness

(Leticia DeLeon and Taylor Nickell)

2,091 Emergency Contact Update forms were processed from April to June 2019.

Additional Emergency Response Plan (ERP) workshops were performed on April 30th in Conroe and May 23rd in Kingsville. These were free to attend and allowed the operator to earn four water CEUs. Additional workshops are being planned for FY 2020. Please check in with the DWAWG website for up to date workshop information.

From the America's Water Infrastructure Act (AWIA): Each community water system serving more than 3,300 persons shall submit to the EPA Administrator a certification that the system has conducted a risk and resilience assessment in accordance with the Act prior to –

- March 31, 2020, in the case of systems serving a population of 100,000 or more;
- December 31, 2020, in the case of systems serving a population of 50,000 or more, but less than 100,000; and
- June 30, 2021, in the case of systems serving a population greater than 3,300, but less than 50,000.

Each community water system serving more than 3,300 persons shall also certify its completion of an emergency response plan as soon as reasonably possible, but no later than six months after certifying completion of its risk and resilience assessment.

Additionally, the TCEQ is coordinating with the EPA's Water Security Division to host a free Community Based Security workshop in Fort Worth on September 4th. If you are interested in registering, visit <https://www.epa.gov/tx/public-meetings-and-events-texas>. This workshop is no cost to attendees and will focus on the water aspects of response with focus on communications, coordination with electric utilities (being a priority for restored service), as well as documentation and reimbursement.

Superior Systems

(Leticia DeLeon and Taylor Nickell)

29 Superior System letter reviews were conducted from April to June 2019.

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

(Mason T. Miller)

- TCEQ DWIP Team manages the SWP contract and assists public water systems with completing and updating SWP plans.
- TCEQ SWP contract is with CDM Smith.

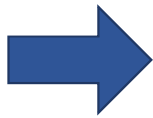
- During FY19 CDM Smith and subcontractors will complete source water protection plans for 27 groundwater systems and three surface water bodies.
- TCEQ DWIP Team assists Texas Rural Water Association as they work with public water systems updating SWP plans and implementing best management practices throughout the state.
- TCEQ DWIP Team staff continue to serve as the TCEQ GPS Coordinators and Trainers for TCEQ's staff and contractors.
- TCEQ DWIP Team staff coordinate the annual TCEQ Public Drinking Water Conference scheduled for August 8-9, 2019 in Austin. This year's conference will be held at a new venue, Renaissance Austin Hotel, to allow for more attendees than previous years.
- TCEQ DWIP Team assists with the Texas Optimization Program (TOP).
- TOP – Recognition Program Update:
 - Site visits were conducted at three PWSs.
 - Water Treatment Plants that received annual awards December 2018 through February 2019: Aquilla WSD 5-Years, Bluebonnet WSC 6-Years, City of Dallas East Side 18-Years, City of Denton Lake Lewisville 1-Year, Guadalupe River State Park 1-Year, City of Lewisville Feaster 4-Years, North Texas Municipal Water District Plant IV 2-Years and City of Victoria Plant I 1-Year.
 - Water Treatment Plants that received annual awards March 2019 through May 2019: Benbrook Water Authority 12-Years, City of Dallas Bachman 12-Years and City of Dallas Elm Fork 6-Years
 - 21 surface water treatment plants participating in Recognition Program, currently four have met all the requirements continuously for 5 to 10 years, two for 10 to 15 years and one more for 15 years.
 - Welcome West Cedar Creek MUD – Tolosa Plant
 - For more information on the TOP Recognition Program please contact Mason Miller at mason.miller@tceq.texas.gov

Next DWA WG Meeting: October 2019



Revised Total Coliform Rule (RTCR) Repeat Sampling Requirements

What to do when notified of a **POSITIVE ROUTINE (distribution) sample** result?



Within **24 HOURS** Collect **THREE (3) REPEAT SAMPLES:**

- **Original** sample site
- **Downstream** (within 5 connections)
- **Upstream** (within 5 connections)

Fewer than 3 connections? Call the RTCR Program at (512) 239-4691

☆ Mark all 3 as REPEAT

Groundwater wells?



In addition to repeats, Collect one (1) **RAW WELL** sample from **EACH** active well for **EACH** positive sample

△ Mark as RAW WELL



No wells?

Provide sample ID and collection date of the originating positive

◇ For ALL SAMPLES



Sample Identification/Location	Sample Type (✓one)					Collected				Replacement	Sample ID & Date of Originating Sample ◆	Circle "F" for Free, "T" for Total (mg/L)	
	Routine	Repeat ☆	Raw Well ▲	Special*	Construction*	Date			Time				
Use Specific Address/Location identified in Sample Siting Plan						Month	Day	Year	Please circle AM or PM				
Raw Wells – Use Source ID for Well Sampled (Example: G1234567A)													
121 Example Rd (upstream)		✓				5	9	18	7:12	am pm		508123 5/8/18 1.39	F T
123 Example Rd (original)		✓				5	9	18	7:38	am pm		508123 5/8/18 1.24	F T
125 Example Rd (downstream)		✓				5	9	18	7:47	am pm		508123 5/8/18 1.17	F T
G1234567A			✓			5	9	18	8:32	am pm		508123 5/8/18 0.00	F T
G1234567B			✓			5	9	18	9:06	am pm		508123 5/8/18 0.00	F T

Note: Public Water Systems (PWSs) should contact the RTCR Program at (512) 239-4691 after receiving notification of a positive sample result.