

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

April 19, 2016

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

Leticia DeLeon – Assistant - Public Drinking Water Section

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

Sean Ables – Assistant – Public Drinking Water Section

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

- **Permitting & Registration Support Division**

Occupational Licensing Section

Michael Parrish/ – Special Assistant

Occupational Licensing (OL) – Michael.Parrish@tceq.texas.gov (512) 239-2548

December 1, 2015 – February 29, 2016

Backflow Prevention Assembly Tester	
Applications Received (new & renewal)	446
New Licenses Issued	129
Renewal Licenses Issued	255
Total Current Licenses	6,091
Tests Administered	0
Tests Passed	0
Passing Percentage	0

CUSTOMER SERVICE INSPECTOR	
Applications Received (new & renewal)	152
New Licenses Issued	44
Renewal Licenses Issued	77
Total Current Licenses	1,955
Tests Administered	114
Tests Passed	58
Passing Percentage	51%

Water Operator	
Applications Received (new & renewal)	1,548
New Licenses Issued	431
Renewal Licenses Issued	789
Total Current Licenses	16,489
Tests Administered	1,208
Ground Water Treatment Operator - B	28
Ground Water Treatment Operator - C	149
Surface Water Treatment Operator - B	92
Surface Water Treatment Operator - C	90
Water Distribution Operator - B	66
Water Distribution Operator - C	193
Water Operations Company	0
Water Operator - A	22
Water Operator - D	568
Tests Passed	449
Ground Water Treatment Operator - B	7
Ground Water Treatment Operator - C	52
Surface Water Treatment Operator - B	21
Surface Water Treatment Operator - C	45
Water Distribution Operator - B	11
Water Distribution Operator - C	69
Water Operations Company	0
Water Operator - A	12
Water Operator - D	232

Passing Percentage	37%
Ground Water Treatment Operator - B	25%
Ground Water Treatment Operator - C	36%
Surface Water Treatment Operator - B	23%
Surface Water Treatment Operator - C	50%
Water Distribution Operator - B	17%
Water Distribution Operator - C	42%
Water Operations Company	0
Water Operator - A	55%
Water Operator - D	41%

Water Treatment Specialist	
Applications Received (new & renewal)	105
New Licenses Issued	39
Renewal Licenses Issued	31
Total Current Licenses	786
Tests Administered	117
Water Treatment Specialist - I	9
Water Treatment Specialist – II	25
Water Treatment Specialist – III	83
Tests Passed	
Water Treatment Specialist – I	9
Water Treatment Specialist – II	17
Water Treatment Specialist – III	27
Passing Percentage	45%
Water Treatment Specialist - I	100%
Water Treatment Specialist - II	68%
Water Treatment Specialist – III	33%

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

Beryl Thatcher – Section Manager

OCE Program Support Section – Beryl.Thatcher@tceq.texas.gov
(512) 239-2270

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 FY15 (9/01/15 – 02/29/2016):

- 433 Complaint Investigations
- 85 Focused Investigations
- 22 Compliance Record Review Investigations
- 27 Follow-up Investigations
- 63 Recon Investigations
- 939 Comprehensive Compliance Investigations (CCIs)

- ***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

No update.

- ***Water Supply Division (WSD)***

- Plan & Technical Review (PTR) Section***

- Utilities Technical Review (UTR) Team***

- Technical Review and Oversight Team (TROT)***

- Response and Capacity Development Team (RCDT)***

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

Tamira Konkin Garcia – Team Leader

Technical Review and Oversight Team – Tamira.Konkin-Garcia@tceq.texas.gov
(512) 239-1298

Kenneth Dykes – Team Leader

Response and Capacity Development Team – Kenneth.dykes@tceq.texas.gov
(512) 239-4753

Updates:

- **Update for the DWA WG As-built Plans Stakeholder Group:**
 - TCEQ staff continue to work with the stakeholder subgroup on the draft “Alternative Compliance Path” document.
 - Source & Treatment Approvals - Applicable to new/changed treatment processes, new intakes, and wells, we are requesting pH, Total Dissolved Solids, pH, Alkalinity (as calcium carbonate), Chloride, Sulfate, Calcium (as calcium carbonate) and Sodium in addition to the required chemical test results for public water system new sources in order to determine if a new source of water or a new treatment process results in or may result in corrosive or aggressive finished water.

- **Natural Disaster Management**
(Alexander Hinz, Drought Coordinator, Alexander.Hinz@tceq.texas.gov, (512) 239-4720, Wendi Wilkes, Andrea James, Adriana Thomas, John Ma)
 - **1,097** public water systems (PWSs) asking customers to follow outdoor water use restrictions.
 - Of these systems, **686** are asking customers to follow a mandatory watering schedule and
 - **411** are asking customers to follow a voluntary watering schedule.
 - Seasonal forecasts predict the drought will continue to weaken and remain suppressed across the state. Winter temperatures are anticipated to be below normal and precipitation to be above normal averages. The outcome is anticipated to decrease demands and allow for steady water supply source levels through early spring.
 - Currently **34** PWSs have prohibited all outside watering.

- **Emergency Preparedness Plan (EPP)**

(Leticia DeLeon, Wendi Wilkes)

- **3 EPP Projects Submitted**
- **2 EPP Approval Letters Mailed**
- **Texas Water Infrastructure Coordination Committee (TWICC):**
 - TWICC is a one stop shop for financial and technical assistance. Members include state and federal regulatory, funding and assistance agencies.
 - For more information on TWICC, to fill out a form requesting information or ask to meet with the group go to www.twicc.org
 - TWICC will be putting on a presentation and workshop at the annual PDW conference in August.
- **Drinking Water State Revolving Fund:**
 - TCEQ is in the process of ranking the FY 2017 proposed DWSRF projects: 136 entities submitted 155 proposed projects. These projects included 40 proposed consolidations, TWDB should be publishing the draft Intended Use Plan in late May or June.

Capacity Development:

- Do you know a public water system that could use some free assistance? We can make assignments to the current FMT contract for a wide variety of assistance from surface water treatment reporting, drought assistance to looking at consolidation opportunities. Our contact person for the FMT contract is Alex Latham at 512-239-6908.
- We are always looking for potential candidates to be
 - temporary managers or
 - receivers or
 - regional providers or
 - purchasers of water and wastewater systems. Please contact Dorothy Young at 512-239-6064. For more information.

- Office of Compliance and Enforcement

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512-239-3257

- **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 – 08/31/2015):

- 773 Complaint Investigations
- 210 Focused Investigations
- 41 Compliance Record Review Investigations
- 48 Follow-up Investigations
- 154 Recon Investigations
- 3,088 Comprehensive Compliance Investigations (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

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Drinking Water Inventory and Enforcement Team (DWIET)

Vacant – Team Leader

Drinking Inventory and Enforcement Team –

Boil Water Notices

Received for 1st Quarter of 2016: **593** submitted (346 issued; 379 rescinded)

Public Notice

Public Notices Submitted (Data Entry):

Jan 2016: 236
Feb 2016: 915
Mar 2016: 238
Q1, 2016 Total: 1,389

Public Notice Violations:

Jan 2016: 268
Feb 2016: 229
Mar 2016: 826
Q1, 2016 Total: 776

Enforcement Notes for 4th Quarter 2015

82 Enforcement cases

Enforcement Notes for 1st Quarter 2016

96 Enforcement cases
1 Data Maintenance File Review

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

1/19/2016	239
1/25/2016	221
2/1/2016	226
2/8/2016	218
2/16/2016	207
2/22/2016	203
2/29/2016	214
3/7/2016	205
3/14/2016	230
3/21/2016	233
3/28/2016	294
4/4/2016	295
4/11/2016	310

Public Health Service Fees

FY 2015

Total invoices: 6942
Amount invoiced: \$20,556,695.16
Outstanding invoices: \$18,973.22
Amount collected (as of 03/29/2016): \$20,826,523 (99.50%)

Date invoices mailed: 11/19/2014 (dated 11/30/2014)
Due date: 01/01/2015

FY 2016

Total invoices: 6923
Amount invoiced: \$20,930,702.96
Outstanding invoices: \$99,240.51
Amount collected (as of 03/29/2016): \$20,831,462 (99.53%)
Date invoices mailed: 11/19/2015 (dated 11/30/2015)
Due date: 01/01/2016

Regulatory Assessment Fees

CY 2014: (as of 03/31/2016)

Invoiced: 2306
Total Entities paid: 2071
Total Entities Zero Payers: 72
Amount Collected: \$9,043,232.61

CY 2015: (as of 03/31/2016)

Invoiced: 2340
Total Entities paid: 1955
Total Entities Zero Payers: 68
Amount Collected: \$9,229,252.60

Inventory Team Information:

4th Quarter 2015:

DWIE Inventory Team received 767 requests and processed 707 in addition to 450 CCI's received and 2,500 reviewed.

1st Quarter 2016:

DWIE Inventory Team received 674 requests and processed 725 in addition to 453 CCI's received and 2,977 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

- Chemical Maximum Contaminant Level (MCL) Violations

615 MCL violations have been issued for DBPs, inorganic chemicals, and radionuclides since January 1, 2016.

During the fourth quarter of 2015, 446 MCL violations were issued for DBPs, inorganic chemicals, and radionuclides.

- Disinfectant Level Quarterly Operating Report (DLQOR)
176 Monitoring and Reporting violations for non-submittal and 113 violations for late submittal for the 4Q2015 compliance period were issued on April 11, 2016.

Total Coliform Rule

- For October, November, and December of 2015 (4th Quarter 2015) we received **82,532** Routine and Repeat samples.
- For October, November, and December of 2015 (4th Quarter 2015):
 - **2** TCR acute MCLs
 - **34** TCR non-acute MCLs.
 - **466** TCR Routine Monitoring Violations
 - **32** TCR Repeat Monitoring Violations:
- As of April 15, 2016 there have been 3,930 RTCR sample siting plans logged by TCEQ. Not all sample siting plans that have been received by TCEQ have been logged or reviewed at this time.

Ground Water Rule (GWR) During first quarter 2016

- **3,600** Raw Water Samples Posted to SDWIS/DWW
- **60** TSM Violations Determined
- **8** GWR Corrective Action Events
- **850** GWR & TCR/RTCR phone calls/emails

Surface Water Treatment Rule (SWTR)

SWMOR M&R Compliance

- Failure to submit Surface Water Monthly Operating Reports (SWMORs)
 - **9** M/R violations for November 2015
 - **8** M/R violations for December 2015
 - **6** M/R violations for January 2016
- Late submittal of the SWMOR (violations issued starting with January 2016 compliance)
 - **5** M/R violations for January 2016
- NOV letters sent to 16 different systems.
- **14** general SWTR M/R violations to nine systems for the fourth quarter of 2015.

Treatment Technique Compliance

- **9** treatment technique violations during first quarter 2016

Link to EPA Cyanotoxin health advisory:

- http://www.epa.gov/sites/production/files/2015-06/documents/cyanotoxins-fact_sheet-2015.pdf

Lab Approvals

There were 27 PWSs that submitted Drinking Water Lab Approval Forms and were approved for various analyses in first quarter 2016.

- ***Drinking Water Technical Review Team (DWTRT)***

Jonathan Haynes – Team Leader

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

(512) 239-4662

Lead and Copper Rule (LCR)

(Laurie Gehlsen, Ken Quinney, Eric Hennington)

- During the 1st quarter of 2016, the Lead and Copper team issued the following monitoring and reporting violations:
 - **4** initial/routine tap water lead and copper sampling
 - **86** reduced tap water lead and copper sampling
 - **125** water quality parameter sampling
 - **30** lead and copper entry point sampling
 - **62** OCCT / SOWT recommendations
 - **23** Lead public education requirement
 - **311** Lead consumer notification requirement
- During the 1st quarter of 2016, there were **2** lead action level and **5** copper action level exceeder notices sent.

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

(Gregg Tatum)

- No new PWS sources were identified as ground water under the influence (GUI)
- Processed **77** newly-approved PWS groundwater well completion packages; updated SDWIS / SWAP databases with all relevant data: depth, drill date, geology, well construction, static water level, aquifer type, GPS coordinates

- Reviewed **343** Comprehensive Compliance Investigation reports; updated SDWIS / SWAP databases to reflect all changes to sources: well owner ID / physical address / activity status / tested capacity (gpm)
- 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)

Public Information Requests (PIRs)

(Kent Steelman and Data Support Group)

- PDW Section Responses to Public Information Requests Completed – **396**
 - PDW stated it had no responsive documents – **379**
 - PDW provided individual response and/or data package – **17**

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

(Mason Miller)

- TCEQ DWTR Team manages the SWP contract with Atkins North America Inc. and subcontractors. Contractors are working with 24 public water systems in 14 counties to complete SWP plans and implement best management practices during FY16.
- TCEQ DWTR Team assists Texas Rural Water Association as they continue to implement SWP projects for public water systems throughout the state by providing SWP area maps and GPS technical assistance. Attended SWP Symposium in February.
- TCEQ DWTR Team assists TROT with the Texas Optimization Program and Texas Optimization Program Recognition Program.
 - The City of Dallas recently met the very stringent Texas Optimization Program Recognition Program requirements for 15 consecutive years. This is the first system to achieve this award.
 - Other Water Treatment Plants receiving 6 month certificates during this quarter are: City of Dallas – Elm Fork WTP, City of Lewisville WTP, City of Waco – Riverside WTP and City of Waxahachie – Howard Road WTP.
 - 14 plants participating in Recognition Program, currently four have met all the requirements for more than five years.
- TCEQ DWTR Team staff continue to serve as the TCEQ GPS Coordinators and Trainers for TCEQ's staff and contractors.
- TCEQ DWTR Team participates in Texas forest and drinking water collaborative with Texas Forest Services and Partnership for Safe Drinking Water to protect surface water through forest preservation and management.
- TCEQ DWTR Team staff coordinate the annual TCEQ Public Drinking Water Conference.

Data Support

(James Stapel, Carl Bouscaren, Henrietta Elston, Wanza Guyton, Kent Steelman, Faye Rashidi, Rylan Fields, Caleb Ingle)

- Updated SDWIS to accommodate much larger volume of sample information
- Created RTCR website to accommodate information sharing and sampling site information
- Data entry: DLQOR –**5627**, CLO2 – **406**, Chlorite – **1039**
- **1441** Surface Water Monthly Operating reports entered
- Continued work on NOV letter generation in support of the DWQ Team
- Tested SDWIS 3.32 and ancillary and applications in the Development environment in preparation for RTCR
- Updated location/metadata for Public Water System sources statewide
- Federal Reporting of Compliance Data to EPA
 - Texas submitted over **424982** 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 **0.07%** for FY16

Environmental Electronic (E2) Reporting

(Howard Barrons, Christina DeStefano, Kent Steelman)

- Provided 3 training workshops for TCR data submissions in E2 to labs (Fort Worth 1/12/2016; Austin 3/24/2016, 4/5/2016) trained 38 labs and 99 attendees
- **31** new labs began reporting data via E2, accounting for **31%** of monthly samples
- There are currently **51** labs reporting via E2 (**48** excluding new labs gained in April) accounting for **61%** of monthly samples
- We have trained **81** total labs on E2, with only 11 labs not attending a workshop

Next DWA WG Meeting: July 19, 2016