

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

**July 19, 2016**

## Program Updates

- **Welcome**

**Gary Chauvin – Manager** - Public Drinking Water Section

[Gary.C Chauvin@tceq.texas.gov](mailto:Gary.C Chauvin@tceq.texas.gov) (512) 239-1687

James Beauchamp – Assistant - Public Drinking Water Section

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Leticia DeLeon – Assistant - Public Drinking Water Section

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Sean Ables – Assistant – Public Drinking Water Section

[Sean.Ables@tceq.texas.gov](mailto:Sean.Ables@tceq.texas.gov) (512) 239-1758

- **Permitting & Registration Support Division**

### **Occupational Licensing Section**

**Paul Munguia** - Program Supervisor

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

**April 19, 2015 – July 18, 2016**

Backflow Prevention Assembly Tester	
Applications Received (new & renewal)	422
New Licenses Issued	195
Renewal Licenses Issued	297
Total Current Licenses	6,199
Tests Administered	11
Tests Passed	4
Passing Percentage	36%

<b>CUSTOMER SERVICE INSPECTOR</b>	
<b>Applications Received (new &amp; renewal)</b>	<b>160</b>
<b>New Licenses Issued</b>	<b>48</b>
<b>Renewal Licenses Issued</b>	<b>115</b>
<b>Total Current Licenses</b>	<b>1,981</b>
<b>Tests Administered</b>	<b>90</b>
<b>Tests Passed</b>	<b>41</b>
<b>Passing Percentage</b>	<b>46%</b>

<b>Water Operator</b>	
<b>Applications Received (new &amp; renewal)</b>	<b>1,630</b>
<b>New Licenses Issued</b>	<b>508</b>
<b>Renewal Licenses Issued</b>	<b>932</b>
<b>Total Current Licenses</b>	<b>16,378</b>
<b>Tests Administered</b>	<b>1,089</b>
<b>Ground Water Treatment Operator - B</b>	<b>21</b>
<b>Ground Water Treatment Operator - C</b>	<b>150</b>
<b>Surface Water Treatment Operator - B</b>	<b>76</b>
<b>Surface Water Treatment Operator - C</b>	<b>87</b>
<b>Water Distribution Operator - B</b>	<b>51</b>
<b>Water Distribution Operator - C</b>	<b>170</b>
<b>Water Operations Company</b>	<b>0</b>
<b>Water Operator - A</b>	<b>23</b>
<b>Water Operator - D</b>	<b>511</b>
<b>Tests Passed</b>	<b>435</b>
<b>Ground Water Treatment Operator - B</b>	<b>4</b>
<b>Ground Water Treatment Operator - C</b>	<b>56</b>
<b>Surface Water Treatment Operator - B</b>	<b>18</b>
<b>Surface Water Treatment Operator - C</b>	<b>45</b>
<b>Water Distribution Operator - B</b>	<b>11</b>
<b>Water Distribution Operator - C</b>	<b>80</b>
<b>Water Operations Company</b>	<b>0</b>
<b>Water Operator - A</b>	<b>9</b>
<b>Water Operator - D</b>	<b>212</b>

Passing Percentage	40%
Ground Water Treatment Operator - B	19%
Ground Water Treatment Operator - C	37%
Surface Water Treatment Operator - B	24%
Surface Water Treatment Operator - C	52%
Water Distribution Operator - B	22%
Water Distribution Operator - C	47%
Water Operations Company	0
Water Operator - A	39%
Water Operator - D	42%

Water Treatment Specialist	
Applications Received (new & renewal)	46
New Licenses Issued	16
Renewal Licenses Issued	30
Total Current Licenses	798
Tests Administered	24
Water Treatment Specialist - I	7
Water Treatment Specialist – II	5
Water Treatment Specialist – III	12
Tests Passed	
Water Treatment Specialist – I	3
Water Treatment Specialist – II	4
Water Treatment Specialist – III	2
Passing Percentage	38%
Water Treatment Specialist - I	43%
Water Treatment Specialist - II	80%
Water Treatment Specialist – III	17%

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

**Beryl Thatcher – Section Manager**

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

**Tom Heitman - PWS/Water Liaison**

OCE Program Support Section – [Tom.Heitman@tceq.texas.gov](mailto: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 – 05/31/2016):

- 628 Complaint Investigations
- 144 Focused Investigations
- 37 Compliance Record Review Investigations
- 52 Follow-up Investigations
- 79 Recon Investigations
- 1509 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](mailto:Joy.Schultz@tceq.texas.gov) (512) 239-3470

**No update.**

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

- 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](mailto:Joel.Klumpp@tceq.texas.gov)

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**Vera Poe - Team Leader**

Utilities Technical Review – [Vera.Poe@tceq.texas.gov](mailto:Vera.Poe@tceq.texas.gov)

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**Tamira Konkin Garcia – Team Leader**

Technical Review and Oversight Team – [Tamira.Konkin-Garcia@tceq.texas.gov](mailto:Tamira.Konkin-Garcia@tceq.texas.gov)

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**Kenneth Dykes** – Team Leader

Response and Capacity Development Team – [Kenneth.dykes@tceq.texas.gov](mailto:Kenneth.dykes@tceq.texas.gov)

(512) 239-4753

- ***Water Supply Division***

***Public Drinking Water (PDW) Section***

**Gary Chauvin** - Manager

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

**Vacant** – Team Leader

**Boil Water Notices**

Received for 2<sup>nd</sup> Quarter of 2016: **594** submitted (378 issued; 356 rescinded)

**Public Notice**

**Public Notices Submitted (Data Entry):**

April 2016: 405

May 2016: 343

June 2016: 457

Q2, 2016 Total: 1,205

**Public Notice Violations:**

April 2016: 316  
May 2016: 357  
June 2016: 170  
Q1, 2016 Total: 843

**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: \$20,557,524  
Outstanding invoices: \$14,820  
Amount collected (as of 07/18/2016): \$20,542,704 (99.93%)  
Date invoices mailed: 11/19/2014 (dated 11/30/2014)  
Due date: 01/01/2015

**FY 2016**

Total invoices: 6923  
Amount invoiced: \$20,930,703  
Outstanding invoices: \$45,089  
Amount collected (as of 07/18/2016): \$20,885,614 (99.78%)  
Date invoices mailed: 11/19/2015 (dated 11/30/2015)  
Due date: 01/01/2016

**Regulatory Assessment Fees**

**CY 2014:** (as of 07/18/2016)

Invoiced: 2306  
Amount Collected: \$9,046,592

**CY 2015:** (as of 07/18/2016)  
Invoiced: 2340  
Amount Collected: \$9,415,180

Inventory Team Information:

**1<sup>st</sup> Quarter 2016:**

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

**2<sup>nd</sup> Quarter 2016:**

DWIE Inventory Team received 897 requests and processed 960 in addition to 530 CCI's received and 581 reviewed.

**- Drinking Water Quality Team (DWQT) Update**

**Team Leader – Steven Swierenga**

Drinking Water Quality Team

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**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](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](mailto:Jonathan.Haynes@tceq.texas.gov)

(512) 239-4662



### **Lead and Copper Rule (LCR)**

*(Laurie Gehlsen, Jason Williams, Ken Quinney, Becca DuPont)*

- During the 2nd quarter of 2016, the Lead and Copper team issued the following monitoring and reporting violations:
  - **4** Initial/routine tap water lead and copper sampling
  - **10** Reduced tap water lead and copper sampling
  - **34** Lead and copper entry point sampling
  - **31** OCCT / SOWT recommendations
  - **3** Lead public education requirement
  - **58** Lead consumer notification requirement

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

*(Gregg Tatum)*

- One PWS source was identified as ground water under the influence (GUI); currently under management review for issuance of Enhanced Treatment Requirement
- Processed **83** 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 **366** 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 – **462**
  - PDW stated it had no responsive documents – **441**
  - PDW provided individual response and/or data package – **21**

### **Exception Reviews**

*(Gregg Tatum)*

- DWTRT Cross-Team Reviews for TROT of Exception Requests Completed (geological conditions and well construction) – **17**

### **Source Water Inventory**

(Gregg Tatum)

- Reviewed all active surface water intake listings (**478**) in SDWIS and made naming convention consistent.

### **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 partnered with Aqua Texas to complete **14** SWP plans 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.
- 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. In May TCEQ participated in a follow-up at San Jacinto River Authority.
- TCEQ DWTR Team assists the Plan and Technical Review Section with the Texas Optimization Program and Texas Optimization Program Recognition Program.
  - Water Treatment Plants receiving 6 month certificates during this quarter are: Benbrook Water Authority, City of Gainesville, City of Greenville and GBRA San Marcos.
  - **14** surface water treatment plants participating in Recognition Program, currently three have met all the requirements for more than five years and one plant for than 15 years.
  - For more information on the TOP Recognition Program please contact Mason Miller at [mason.miller@tceq.texas.gov](mailto:mason.miller@tceq.texas.gov)
- TCEQ DWTR Team staff continue to serve as the TCEQ GPS Coordinators and Trainers for TCEQ's staff and contractors.
- TCEQ DWTR Team staff coordinate the annual TCEQ Public Drinking Water Conference. This year's conference is August 9-10 at The Double Tree Hotel – Austin. We look forward to seeing all of you in August.

### **Data Support**

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

- Recompiled the CCR Generator to work in new server environment
- Data entry: DLQOR –**5443**, CLO2 – **446**, Chlorite – **1173**
- **1085** Surface Water Monthly Operating reports entered

- Upgraded SDWIS to version 3.33
- Federal Reporting of Compliance Data to EPA
  - Texas submitted over **410301** 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 **0.09%** for FY1

### **Environmental Electronic (E2) Reporting**

*(Christina Destefano, Kent Steelman)*

- **13** new labs began reporting data via E2, accounting for **13%** of monthly samples between April and June
- There are currently **67** labs reporting via E2, accounting for **74%** of monthly samples
- We have trained **87** total labs on E2, with only 5 labs not attending a workshop nor already using E2
- All but two labs submitting electronically have begun using the LTS 70 file format.

**Next DWA WG Meeting: October 18, 2016**