

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

April 22, 2014

Program Updates

James Beauchamp/Melinda Torres – Acting Managers

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

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

Welcome

Occupational Licensing Update

Russell Gardner - Manager

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

Ivan Messer/ – Special Assistant

Occupational Licensing (OL) – Ivan.Messer@tceq.texas.gov (512) 239-6316
POC for Rules or Policy changes

February 1, 2014 – April 16, 2014

Backflow Prevention Assembly Tester	
Applications Received (new & renewal)	787
New Licenses Issued	91
Renewal Licenses Issued	579
Total Current Licenses	5,073
Tests Administered	0
Tests Passed	0
Passing Percentage	0

CUSTOMER SERVICE INSPECTOR	
Applications Received (new & renewal)	271
New Licenses Issued	32
Renewal Licenses Issued	242
Total Current Licenses	1,593
Tests Administered	54
Tests Passed	24
Passing Percentage	44.4

Water Operator	
Applications Received (new & renewal)	1,703
New Licenses Issued	433
Renewal Licenses Issued	776
Total Current Licenses	15,262
Tests Administered	
Ground Water Treatment Operator - B	37
Ground Water Treatment Operator - C	112
Surface Water Treatment Operator - B	68
Surface Water Treatment Operator - C	74
Water Distribution Operator - B	35
Water Distribution Operator - C	123
Water Operations Company	0
Water Operator - A	21
Water Operator - D	542
Tests Passed	
Ground Water Treatment Operator - B	12
Ground Water Treatment Operator - C	30
Surface Water Treatment Operator - B	7
Surface Water Treatment Operator - C	37
Water Distribution Operator - B	5
Water Distribution Operator - C	48
Water Operations Company	0
Water Operator - A	9
Water Operator - D	249
Passing Percentage	
Ground Water Treatment Operator - B	32.4
Ground Water Treatment Operator - C	26.7
Surface Water Treatment Operator - B	10.2
Surface Water Treatment Operator - C	50
Water Distribution Operator - B	14
Water Distribution Operator - C	39
Water Operations Company	0
Water Operator - A	42.8
Water Operator - D	45.9
Water Treatment Specialist	
Applications Received (new & renewal)	36
New Licenses Issued	23
Renewal Licenses Issued	26
Total Current Licenses	641

Tests Administered	
Water Treatment Specialist - I	3
Water Treatment Specialist – II	3
Water Treatment Specialist – III	11
Tests Passed	
Water Treatment Specialist – I	2
Water Treatment Specialist – II	2
Water Treatment Specialist – III	3
Passing Percentage	
Water Treatment Specialist - I	66.6
Water Treatment Specialist - II	66.6
Water Treatment Specialist – III	27.2

Small Business and Local Government Assistance (SBLGA),

Small Business Environmental Assistance Division

Update

Joy Schultz –

Small Business and Local Government Assistance (SBLGA)

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

Small Public Water Systems Asset Management Workshops

Are you concerned about having an adequate drinking water supply? Are the local PWS rates sufficient to support the system now and for the next five years? Are you financially prepared to make needed improvements to the system *before* a crisis occurs? **If not, it's time to begin asset management planning – and we can help!**

Asset management is a hard point to get across to rate payers and decision makers; however, common sense tells us it's better to pay a little now to avoid paying a lot more later when the system fails.

TCEQ's Small Business and Local Government Assistance section developed an easy-to-use guide, *Managing Small Public Water Systems (RG-501)*, which is designed for the smallest of water systems. The guide provides simple instructions and worksheets to complete and maintain an asset management plan with or without the use of a computer! An electronic version of the worksheets is also available that will automatically project a five-year budget, including an easy to follow projection of capital expenditures allowing systems to plan for and finance future needs of the system.

The TCEQ is hosting free Asset Management Workshops based on our new guide. **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 cost more money!**

We will demonstrate how to develop an asset inventory, how to prioritize needed repairs or replacement of assets, how to prepare a budget to determine how much money is needed to support the water system, and ways to 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:

Amarillo	May 15, 2014
Conroe	May 29, 2014
Tyler	June 12, 2014
Nacogdoches	June 13, 2014
New Braunfels	June 29, 2014

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.

Utilities & Districts (UD) Section Update

Tammy Benter – Manager

Utilities and Districts (UD) Section - Tammy.Benter@tceq.texas.gov
(512) 239-6136

- General Update
- Announcement of New Staff:
 - Tom Glab, P.E., Districts Bond Review Team Leader
 - Seyed Mirin, P.E., Districts Creation Team Leader
 - Stu Molina, P.E., Districts Creation Team

Plan & Technical Review (PTR) Section Update

Utilities Technical Review (UTR) Team

Technical Review and Oversight Team (TROT)

Ada Lichaa – Manager

Plan and Technical Review (PTR) Section – Ada.Lichaa@tceq.texas.gov
(512) 239-6728

Vera Poe - Team Leader

Utilities Technical Review – Vera.Poe@tceq.texas.gov
(512) 239-6988

Joel Klumpp - Team Leader

Technical Review and Oversight Team – Joel.Klumpp@tceq.texas.gov
(512) 239-4453

Office of Compliance and Enforcement

Program Support Section

June Ella Martinez - Water Team Leader

OCE Program Support Section- [June Ella Martinez@tceq.texas.gov](mailto:June_Ella_Martinez@tceq.texas.gov)
(512) 239-3242

Jaime Nolasco - PWS Liaison

OCE Program Support Section – Jaime.Nolasco@tceq.texas.gov
(512) 239-6174

Public Water System (PWS) Regional Activity

Information below represents the number of PWS activities conducted by the OCE regional staff since the last DWA WG Meeting (01/21/14 - 04/21/14):

- 161 PWS Complaint investigations approved
- 70 PWS Focused investigations approved
- 9 PWS Compliance Record Review (CRRs) investigations approved
- 20 PWS Follow-up investigations approved
- 89 PWS Reconnaissance investigations approved (Recons)
- 503 PWS Comprehensive Compliance investigations approved (CCIs)

To date, the following PWS activities have been conducted for FY14 (09/01/13 - 04/21/14):

- 459 PWS Complaint investigations approved
- 169 PWS Focused investigations approved
- 29 PWS CRR investigations approved
- 58 PWS Follow-up investigations approved
- 183 PWS Recon investigations approved
- 1284 PWS CCI investigations approved

Public Drinking Water (PDW) Section

James Beauchamp/Melinda Torres are the Acting Managers for the Public Drinking Water Section.

James Beauchamp – Assistant

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

Melinda Torres – Assistant

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

Drinking Water Quality Team (DWQT) Update

Gary Chauvin - Team Leader

Drinking Water Quality Team - Gary.C Chauvin@tceq.texas.gov (512) 239-1687

Drinking Water Quality Team

Chemical Compliance

- Sampling
13,599 Chemical Compliance samples were collected during the first quarter by our sample contractor. 5,215 samples and 46,327 chemical results were migrated from the laboratories.
- MCL Violations
324 MCL Violations were issued during the first quarter for DBPs, inorganic chemicals, and radionuclides.
- Monitoring and Reporting (M&R) Violations
No M&R Violations were issued during the first quarter for DBPs, inorganic chemicals, organic chemicals, secondary constituents and radionuclides.

If you have questions related to M&R compliance please contact Amy-Jean Katterjohn at 512-239-6141.

- Disinfectant Level Quarterly Operating Report (DLQOR)

No DLQOR Violations were issued during the first quarter.

If you have questions related to DLQOR please contact Blake Carruthers at 512-239-4706.

- **Total Coliform Rule**

76,361 routine and repeat samples were received during first quarter 2014.

13 MCL violations were issued, 1 of which was acute, during the first quarter 2014.

Surface Water Treatment Rule Compliance

- Four treatment Technique Violations for first quarter 2014.

Drinking Water Inventory and Enforcement Team (DWIET) Update

John Schildwachter – Team Leader

Drinking Inventory and Enforcement Team –

John.Schildwachter@tceq.texas.gov

(512) 239-2355

Drinking Water Inventory and Enforcement Team (DWIET) Update

John Schildwachter Jr – Team Leader

Drinking Inventory and Enforcement Team –

John.Schildwachter@tceq.texas.gov

(512) 239-2355

PHS Fees

FY13 total statements: 6958

FY13 billed amount: \$20,413,897

FY13 collected (as of 04/01/2014): \$20,395,424 (99.90%)

FY14 total statements: 6949

FY14 billed amount (pending): \$20,227,245.51

FY14 dates:

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

Payment due in full: 12/30/13

FY14 collected (as of 04/01/2014): \$20,147,169 (99.60%)

Boil Water Notices received: 323

Public Notice

Public Notices Submitted:

Jan 2014: 463

Feb 2014: 518

Mar 2014: 320

Q1, 2014 Total: 1,301

Public Notice Violations:

Jan 2014: 157

Feb 2014: 783

Mar 2014: 629

Q1, 2014 Total: 1,569

Enforcement Notes for 4th Quarter 2013

169 Enforcement cases

3 Data Maintenance cases

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

1/13/2014	335
1/16/2014	338
1/21/2014	329
1/27/2014	321
2/3/2014	313
2/10/2014	298
2/18/2014	314
2/24/2014	325
3/4/2014	316
3/10/2014	312
3/17/2014	316
3/31/2014	298
4/7/2014	306
4/11/2014	286
4/14/2014	283

Inventory Notes

The Inventory Team received 746 and processed 541 change requests in addition to 438 CCI's received and 118 reviewed.

NEW: Drinking Water Technical Review Team (DWTRT) Update

Jonathan Haynes – Team Leader

Drinking Technical Review Team – Jonathan.Haynes@tceq.texas.gov
(512) 239-4662

Drought

- **1,143** public water systems (PWSs) asking customers to follow outdoor water use restrictions.
 - Of these systems, **753** are asking customers to follow a mandatory watering schedule and
 - **390** are asking customers to follow a voluntary watering schedule.
- The first three months of 2014 presented below normal precipitation totals for most of the state. Entering the fourth year of the drought, seasonal forecasts show drought conditions will likely continue for many regions of the state. Drought conditions will likely persist and/or intensify in the west central to west and the panhandle of the state. Drought development is likely in the far west portion of the state. Drought improvement or removal is likely in east central to east and the coastal region of the state.
- Currently **56** PWSs have prohibited all outside watering.

Ground Water Rule (GWR)

- **130** Systems received TSM Violation
- **1** Systems received Corrective Action
- **10** Purchasing Systems received violations for not informing Wholesale providers of a positive in the distribution system
- **10** GWR Corrective Action Letters Mailed
- **2** Triggered Source Monitoring Plans were completed (1 Approval, 1 Denials)
- **1022** Raw Water Samples Posted
- **426** GWR phone calls/emails
- **24** Meetings and Trainings Attended

Emergency Preparedness Plan (EPP)

- Received 16 EPPs for review, these were updates to approved EPPs and new EPPs for proposed systems
- Approved 8 EPPs.

- Requested additional information from 1 system.
- Sent 1 previously approved system a non-affected letter. The system no longer has any customers.

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

- Processed **43** newly-approved groundwater well completion packages
- Reviewed Comprehensive Compliance Investigation (CCI) reports for **266** PWS; updated SDWIS to reflect all changes related to well owner ID / physical address / source activity status / tested capacity (gpm)
- Reviewed locational data (lat/long) using ArcGIS for **3,029** PWS supply sources; improved accuracy of locations for **27.0%** of sources
- Prepared briefing documents / chronologies regarding multiple PWS with GUI-related non-compliance issues that warrant enforcement action

Exceptions & Public Information Requests (PIRs)

- The DWTRT completed 50 reviews of exception requests during the first quarter of 2014
- The PDW/DWTRT responded to 363 PIRs during the first quarter of 2014.

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

- We have awarded the three year Source Water Protection contract to Atkins consultants.
- We have chosen two projects areas: one in the Hill Country and the other in the Luling area. The projects will help 12 water systems protect their drinking water sources.
- Collaborating with Guadalupe-Brazos River Authority and Atkins to develop a regional water protection strategy in South Texas.
- Continue to partner with the Texas Rural Water Authority and USDA on several source water protection projects.

Data Support

- Continued work on testing and documenting E2 and associated bugs
- Support the Data Quality team efforts in implementing TOC compliance
- SDWIS 3.2 upgrade in progress
- Data Support (IDA) requests completed: 107
- Data entry: DLQOR – 4412; CLO2 – 211; Chlorite – 270
- Return to Compliance (RTC): 801 violations returned to compliance and migrated into SDWIS
- Continued development of Data Sheet in Drinking Water Watch (DWW) to re-direct user from iWUD for PDW information – in progress
- Data entry: DLQOR – **4772**; CLO2 – **509**; Chlorite – **1114**
- **Data Entry: 1263** Surface Water Monthly Operating reports entered
- **Federal Reporting of Compliance Data to EPA**

- Texas submitted **367,989** records to EPA for review in Q1 2014
- These data include information on public water system facilities, compliance samples, and violations and enforcement actions

Homeland Security Update/EPP Update

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

Drought Update

Alex Hinz –

Public Drinking Water - Alex.Hinz@tceq.texas.gov (512) 239-4720

Drought

Information:

<http://www.tceq.texas.gov/response/drought>

Water Utilities Status

Drought

- **1,139** public water systems (PWSs) asking customers to follow outdoor water use restrictions.
 - Of these systems, **752** 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. Decreasing demands are resulting in more water systems relaxing the water-rationing stages of their Drought Contingency Plans.
- Currently **50** PWSs have prohibited all outside watering.