

How to Be Successful During LCR Sampling • DWAWG – July 12, 2022

LCR Monitoring Periods

- 3 Year (Triennial) Reduced Monitoring
 - Current example: 1/1/2020 12/31/2022
 - Sampling during reduced monitoring always occurs between 6/1 – 9/30
- 1 Year (Annual) Reduced Monitoring:
 - Current example: 1/1/2022 12/31/2022
 - Sampling during reduced monitoring always occurs between 6/1 – 9/30
- 6 Month (Initial/Routine) Monitoring:
 - Current example: 1/1/2022 6/30/2022 / 7/1/2022 -12/31/2022

Sample Counts

- Lead and copper sample • counts will always be dependent on the total population your PWS serves.
- The sample count is also dependent on your monitoring period
 - i.e. Initial/Routine Monitoring (More samples) vs. 1YR/3YR (Less samples) unless your population is 100 or fewer

| System Size (number of people served) | Number of Sites for Initial/Routine Monitoring | Number of Sites for Reduced Monitoring (1YR, 3YR, or 9YR) |
|--|---|---|
| More than 100,000 | 100 | 50 |
| 10,001 to 100,000 | 60 | 30 |
| 3,301 to 10,000 | 40 | 20 |
| 501 to 3,300 | 20 | 10 |
| 101 to 500 | 10 | 5 |
| 100 or fewer | 5 | 5 |



Drinking Water Watch

- Always start by checking your monitoring period and sampling requirements on Texas Drinking Water Watch
- <u>https://dww2.tceq.texas.gov/DWW/</u>
- The sample schedule is located under "Water System Detail" > "Sample Schedule/FANLs/Plans"



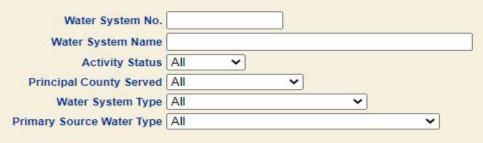
Drinking Water Watch- Home Page

Texas Drinking Water Watch

Texas Drinking Water Watch Release: 3.7



TCEQ Home Page Lead and Copper Rule SDWIS - EPA Public Water Supply System Search Parameters



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Drinking Water Watch- Water System Detail

| <u>Texas Commission on Environmental Quality</u> | | <u>(</u> | Office of Water | Public Drinking Water Section | | | | |
|--|------------------------|---------------------|--------------------------------|-------------------------------|------------------------------------|--|--|--|
| County Map of TX | | Water System Search | | <u>Of</u> | fice of Compliance and Enforcement | | | |
| | | | | | | | | |
| <u>Water System Detail</u> | | | | | | | | |
| Water System Facilities Source Water Assessment Results | <u>Violations</u> Enfo | rcement Actions | TCR Sample Results | | TTHM HAA5 Summaries | | | |
| Sample Points | Assistance Action | <u>15</u> . () | Recent Positive TCR Results | | PBCU Summaries | | | |
| Sample Schedules / FANLs / Plans | Compliance Sche | dules | Other Chemical Results | | Chlorine Summaries | | | |
| Site Visits Milestones | TOC/Alkalinity R | lesults | Chemical Results: Sort by: Nan | ne <u>Code</u> | Turbidity Summaries | | | |
| Operators All POC | LRAA (TTHM/H | (<u>AA5)</u> | Recent Non-TCR Sample Resu | lts | TCR Sample Summaries | | | |
| <u>Glossary</u> | | | | DWW Instructions | | | | |
| | | | | | | | | |



Drinking Water Watch- Sample Schedules

| | Group Non-TCR Sample Schedules | | | | | | | |
|-------------|--------------------------------|-------------|----------------------|----------|-----------------------------|--|--|--|
| Facility | Begin End Date | Seas. | Init. MP Begin Dt | Req's | Analyte Group | | | |
| <u>DS01</u> | 04-01-2012 Continuous | | 04-01-2012 | 2 RT/QT | DBP2 - DBP PHASE 2 | | | |
| DS01 | 01-01-2020 Continuous | 6/1 9/30 | 01-01-2020 | 20 RT/3Y | PBCU - LEAD AND COPPER RULE | | | |
| | | | | | | | | |



Drinking Water Watch- Sample Schedule Detail

| Expanded Sample Schedules / FANLs / Plans | | | | | | | |
|---|-----------------|----------------------------|--|--|--|--|--|
| Routine TCR Sample Schedules | | | | | | | |
| Begin/End Date | Seasonal Period | Samples Required per Month | | | | | |
| 01-01-1991 - Continuous | 1/1 - 12/31 | 1 | | | | | |

| Group Non-TCR Sample Schedules | | | | | | | |
|----------------------------------|--------------------------|-------------|---------------|---------|--|---|----------|
| Facility Begin Seas. End Date | Begin | | 7 1 100 D 1 D | | Analyte Group | | |
| | Init. MP Begin Dt | Req's | Analyte | Samples | Schedule Satisfied | | |
| <u>D\$01</u> | 10-01-2013 Continuous | 5/1 9/30 | 01-01-2014 | 1 RT/3Y | DBP2 - DBP PHASE 2 Your next sampling is due: Between May 1 - September 30, 2022 2456-TOTAL HALOACETIC ACIDS (HAA5) 2950-TTHM | 0 | No No |
| <u>DS01</u> | 01-01-2022 Continuous | 6/1 9/30 | 01-01-2022 | 5 RT/3Y | PBCU - LEAD AND COPPER RULE Your next sampling is due: Between June 1 - September 30, 2024 | | |



If you are ever unsure of your sample schedule or sample count, reach out via email or phone call to the LCM team before taking your samples.

PWSLCR@TCEQ.TEXAS.GOV Water Supply Division: 512-239-4691



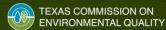
Taking Your Samples

- TCEQ no longer provides sample bottles. Reach out to your NELAP accredited lab to have your sample bottles sent to you. Laboratories must accept only one liter unpreserved wide mouth laboratory-grade bottles. (30 TAC §290.117(h)(1))
- First-draw tap samples should be received at the laboratory within 14 days after collection date so laboratories can preserve the samples. (30 TAC §290.117(h)(2)(E))
- Laboratories cannot accept bottles for analysis without TCEQ Form 20683 - LCR Chain of Custody completely filled out and signed by the PWS representative. This form has the necessary information on it to determine first-draw samples and sampling sites or addresses.



Taking Your Samples- Continued

- Make sure that your customers know how to correctly take their tap samples before they take them.
- Your lab has no way of knowing whether a sample was taken correctly or not. If the sample was taken incorrectly, there is very little we can do.



Submitting Your Samples

- Make sure you are sampling from approved sample sites on file with TCEQ
 - If you need to add new sample sites, submit a Sample Site Selection Form to us at <u>PWSLCR@tceq.texas.gov</u>
- If you are sampling from existing sample sites, make sure that the LCR numbers and addresses are written correctly and legibly on Form 20683 - LCR Chain of Custody.
- Every system is required to maintain a list of their approved sample sites on file in their monitoring plan per TAC RULE §290.117 (c)(1)(C)
 - If you don't have a current list, please contact the LCM team



Sample Site Checker

- We review all sample data submitted during the monitoring period on a weekly basis.
- The LCM team reaches out to systems with sampling errors on a weekly basis.
 - As of 6/27/2022, 35 systems have been contacted to make corrections to their sample submissions.



Take Your Samples Early

- Please make sure to sample as early as possible within your respective monitoring period.
- Most violations we issue could be avoided if sampling had occurred earlier.
- Mistakes on monitoring forms and data submissions for unapproved sample sites make up most of the errors found during the review process.
 - More time to review and correct errors = less violations

Common Errors

- Mismatched LCR numbers
- Mismatched addresses
- Submitted data for sample sites that haven't been approved
- Insufficient number of samples submitted
- Improper sampling/Invalid samples

Correcting Errors

- If errors are found on your sample submission, a member of the LCM team will contact your system via email with instructions on how to make corrections.
 - If your samples are late, we will not contact for corrections!
- Please make sure that your contact information on file with TCEQ is up to date.
 - If changes to your system's contact information need to be made contact <u>PWSINVEN@tceq.texas.gov</u>
- All corrections to Form 20683 must be sent to your lab. Your lab will then send in the corrections to TCEQ
 - We cannot make the corrections on your behalf



