# Drinking Water Commercial Lab Approval Form

**Commercial Lab Name:** Eastex Environmental Lab, Inc.

**Phone:** 936-653-3249

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**Date:** August 22, 2013

**Email:** dbowen@eastex.net

*I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, this information is true, complete, and accurate.*

**Lab Analyst Name & Title:** Daniel Bowen - QA Officer

**Lab Analyst Signature:** Daniel Bowen

| Analyte | Method [1] (& Analyzer Type) | Accuracy [5] | | Calibration | |
|---|---|---|---|---|---|
| | | | | Frequency [6] | Method |
| **Turbidity** | SM 2130 B | ± 0.05 | NTU | each day | linear regression |
| **pH** | SM 4500-H+ B | ± 0.01 | pH unit | each day | 3 buffers |
| **Temperature** | NA | ± NA | °C | NA | NA |
| **TOC** | SM 5210 C | ± 0.1 | mg/L | verified daily | linear regression |
| **$UV_{254}$** | SM 5910 B | ± 0.001 | $cm^{-1}$ | verified daily | external std |
| **Alkalinity** | SM 2320 B | ± 0.1 | mg/L | each day | 3 buffers |
| **Disinfectant** | | | | | |
| *Free Chlorine [2]* | SM 4500-CL F | ± 0.01 | mg/L | each lot/30 day | titrimetric |
| *Total Chlorine [2]* | SM 4500-CL F | ± 0.01 | mg/L | each lot/30 day | titrimetric |
| *Chlorine Dioxide [3]* | NA | ± NA | mg/L | NA | NA |
| **Chlorite [3] at point of entry** | NA | ± NA | mg/L | NA | |
| **Calcium [4]** | EPA 200.7 | ± 0.1 | mg/L | each day | linear regression |
| **Phosphate [4]** | SM 4500-P E | ± 0.01 | mg/L | each day | linear regression |

1. *If your system conducts the test, enter the method that you use or identify the make and model number of the instrument or test kit that you use to run the test. If samples are sent to an outside lab, enter the name of the lab that runs the test for you. If you are not required to run one or more of the tests, write 'Not Required' next to the tests that you do not run.*
2. *If your system does not add ammonia at any point during the treatment process, you must list a free chlorine method. If your system adds ammonia at any point during the treatment process, you should be able to run both Free and Total Chlorine tests.*
3. *Systems that use chlorine dioxide must list the method that they use to measure these analytes.*
4. *Required only if your system is reporting water quality parameters for the Lead/Copper Rule.*
5. *Some analytes have **minimum accuracy requirements**, see Table 1.*
6. *Some analytes have **minimum calibration requirements**, see Table 1.*