

## TCEQ Public Water Supply Data

### Lake Jackson – September 2020

Shortly after receiving notification of positive test results for *Naegleria fowleri*, a brain-eating amoeba, in the water supply, TCEQ initiated monitoring for disinfectant residuals and water pressure in the distribution system. For more information on the free chlorine disinfection process, please see the City of Lake Jackson, Texas, Incident webpage on the TCEQ website.

Sample results from TCEQ's monitoring are listed below. Residual disinfectant concentration readings greater than or equal to 0.2 milligrams per liter (mg/L) free chlorine are in compliance with TCEQ regulations. Pressure readings of 35 pounds per square inch (psi) or greater are in compliance with TCEQ regulations. Pressure readings were taken at locations suitable for measuring this parameter. Pressure was measured throughout the system at representative and appropriate sampling points. The system is required to maintain compliance with residual disinfectant concentration and pressure requirements. In addition to chlorine and pressure readings, TCEQ conducted sampling for the presence of certain bacteria at locations suitable for taking this type of sample. Results are included below from an accredited laboratory and indicate whether bacteria were present or absent in each sample collected. The criteria to rescind the Boil Water Notice has been met.

The City of Lake Jackson will continue to conduct the chlorine burn to ensure treatment to address the amoeba *Naegleria fowleri*. The TCEQ will provide oversight and additional verification sampling as appropriate in the weeks ahead as the city continues the free chlorine disinfection process that started on September 26, 2020.

| General Location                            | Date Sampled | Sample Time | Free Chlorine (mg/L) | Pressure (psi)* | Bacteriological Results* |
|---|--------------|-------------|----------------------|-----------------|--------------------------|
| 100 block of Canna Ln.                      | 10/5/2020    | 11:36 AM    | 3.10                 | NA              | NA                       |
| 90 block of Lake Rd.                        | 10/5/2020    | 11:46 AM    | 2.90                 | NA              | NA                       |
| 200 block of Daffodil St.                   | 10/5/2020    | 11:49 AM    | 3.30                 | NA              | Absent                   |
| 800 block of Hwy 332                        | 10/5/2020    | 11:58 AM    | 2.78                 | 56              | NA                       |
| Intersection of Almond St and Cotton Dr.    | 10/5/2020    | 12:05 PM    | 2.80                 | 54              | Absent                   |
| 200 block of Balsam St.                     | 10/5/2020    | 12:15 PM    | 2.72                 | NA              | NA                       |
| 700 block of Yaupon St.                     | 10/5/2020    | 12:08 PM    | 1.45                 | 52              | Absent                   |
| 200 block of Huckleberry Dr.                | 10/5/2020    | 12:18 PM    | 3.00                 | 52              | Absent                   |
| Intersection of Almond St and Coffee Ln.    | 10/5/2020    | 12:22 PM    | 3.30                 | 51              | NA                       |
| Intersection of Northwood Dr and FM 2004    | 10/5/2020    | 11:52 AM    | 3.50                 | 56              | NA                       |
| 200 block of Mango St.                      | 10/5/2020    | 12:37 PM    | 3.10                 | 51              | NA                       |
| 100 block of Arrowhead Dr.                  | 10/5/2020    | 12:20 PM    | 1.80                 | 44              | Absent                   |
| 100 block of Fir Dr.                        | 10/5/2020    | 12:30 PM    | 1.96                 | NA              | Absent                   |
| 200 block of Hwy 332                        | 10/5/2020    | 12:18 AM    | 2.30                 | 48              | NA                       |
| 200 block of Timbercreek Dr.                | 10/5/2020    | 12:35 PM    | 1.96                 | 51              | Absent                   |
| 300 block of Old Angleton Rd.               | 10/5/2020    | 12:33 PM    | 2.41                 | NA              | Absent                   |
| 200 block of Circle Way St.                 | 10/5/2020    | 12:56 PM    | 3.20                 | 52              | NA                       |
| 600 block of Willow Ct.                     | 10/5/2020    | 12:52 PM    | 3.85                 | 52              | NA                       |
| 700 block of Yaupon St.                     | 10/5/2020    | 12:54 PM    | 1.96                 | 50              | NA                       |
| Intersection of Circle Way and Oak Dr.      | 10/5/2020    | 1:07 PM     | 3.60                 | 51              | NA                       |
| Intersection of Oak Dr. and Hwy 288         | 10/5/2020    | 1:05 PM     | 3.00                 | 54              | Absent                   |
| Cul de Sac of West Way Ct.                  | 10/5/2020    | 1:16 PM     | 2.20                 | 48              | NA                       |
| Dead End of Balsam St.                      | 10/5/2020    | 12:49 PM    | 1.36                 | NA              | Absent                   |
| 200 block of Hwy 332                        | 10/5/2020    | 1:20 PM     | 1.70                 | NA              | Absent                   |
| 300 block of Forest Dr.                     | 10/5/2020    | 1:14 PM     | 2.99                 | NA              | Absent                   |
| 100 block of Loganberry St.                 | 10/5/2020    | 1:24 PM     | 2.40                 | 52              | NA                       |
| 600 block of Oyster Creek Dr.               | 10/5/2020    | 1:23 PM     | 2.84                 | 56              | Absent                   |
| 100 block of Post Oak St.                   | 10/5/2020    | 1:33 PM     | 2.43                 | NA              | NA                       |
| Intersection of Tulip Trail and Any Way St. | 10/5/2020    | 1:37 PM     | 2.10                 | 50              | NA                       |
| 100 block of Redbud St.                     | 10/5/2020    | 1:33 PM     | 3.57                 | 52              | Absent                   |
| 100 block of Paint Brush St.                | 10/5/2020    | 1:35 PM     | 1.90                 | 48              | NA                       |
| 1000 block of Oleander St.                  | 10/5/2020    | 1:43 PM     | 2.40                 | 52              | Absent                   |
| 200 block of Any Way St.                    | 10/5/2020    | 1:51 PM     | 2.70                 | 48              | Absent                   |
| 100 block of Beechwood St.                  | 10/5/2020    | 1:50 PM     | 3.22                 | NA              | Absent                   |
| 100 block of River Oaks Dr.                 | 10/5/2020    | 2:00 PM     | 2.20                 | 44              | NA                       |
| 100 block of Pansy Path St.                 | 10/5/2020    | 1:52 PM     | 1.94                 | NA              | Absent                   |
| 500 block of Oleander St.                   | 10/5/2020    | 2:10 PM     | 3.90                 | 64              | NA                       |
| 600 block of Magnolia St.                   | 10/5/2020    | 2:15 PM     | 2.40                 | NA              | Absent                   |
| 100 block of Spanish Oak Dr.                | 10/5/2020    | 2:10 PM     | 1.80                 | 44              | NA                       |
| 900 block of Sycamore St.                   | 10/5/2020    | 1:59 PM     | 2.92                 | 54              | Absent                   |

\*NA indicates the location was not suitable for measuring this parameter.

| General Location                              | Date Sampled | Sample Time | Free Chlorine (mg/L) | Pressure (psi)* | Bacteriological Results* |
|---|--------------|-------------|----------------------|-----------------|--------------------------|
| 500 block of Wisteria St.                     | 10/5/2020    | 2:14 PM     | 2.97                 | 52              | Absent                   |
| 900 block of Magnolia St.                     | 10/5/2020    | 2:30 PM     | 3.20                 | 51              | NA                       |
| 200 block of Zinnia St.                       | 10/5/2020    | 2:27 PM     | 2.54                 | NA              | Absent                   |
| 100 block of Silver Bell Circle               | 10/5/2020    | 2:29 PM     | 2.90                 | 51              | Absent                   |
| 900 block of Bayou Rd.                        | 10/5/2020    | 2:30 PM     | 1.60                 | NA              | NA                       |
| Intersection of S Yaupon and Oleander St.     | 10/5/2020    | 2:52 PM     | 3.60                 | 51              | NA                       |
| 500 block of Sycamore St.                     | 10/5/2020    | 2:35 PM     | 1.82                 | NA              | Absent                   |
| 300 block of Jasmine St.                      | 10/5/2020    | 2:47 PM     | 2.50                 | 50              | Absent                   |
| 100 block of Sleepy Hallow Dr.                | 10/5/2020    | 2:50 PM     | 2.20                 | NA              | Absent                   |
| 800 block of FM 2004                          | 10/5/2020    | 3:00 PM     | 2.60                 | NA              | Absent                   |
| 300 block of Narcissus St.                    | 10/5/2020    | 2:59 PM     | 2.81                 | NA              | Absent                   |
| 200 block of Marigold St.                     | 10/5/2020    | 3:17 PM     | 1.84                 | NA              | Absent                   |
| 100 block of Dewberry Dr.                     | 10/5/2020    | 3:25 PM     | 1.96                 | NA              | Absent                   |
| 100 block of Oyster Bend Ln.                  | 10/5/2020    | 3:39 PM     | 2.62                 | 53              | NA                       |
| 100 block of Forest Oaks Ln.                  | 10/5/2020    | 3:31 PM     | 2.86                 | NA              | Absent                   |
| 200 block of Plum Circle                      | 10/5/2020    | 3:50 PM     | 1.50                 | NA              | Absent                   |
| Intersection of Rivertree Dr. and Garland Dr. | 10/5/2020    | 4:01 PM     | 2.45                 | 52              | NA                       |
| 100 block of Rockrose Ln.                     | 10/5/2020    | 4:01 PM     | 2.86                 | NA              | NA                       |
| 100 block of Talisman St.                     | 10/5/2020    | 4:20 PM     | 2.26                 | NA              | Absent                   |

\*NA indicates the location was not suitable for measuring this parameter.