

Data after March 2017 is preliminary and subject to change during data review and validation process

Station name Alligator Creek @ FM 1101

TCEQ Segment No. 1804A  
 TCEQ Station Id No. GB707  
 Monitoring Type Targeted  
 Latitude 29.726450 Longitude -98.058403

| Parameter                       | Parameter Code | Date and 24 hour time |         |         |         |         |         |           |          |          |         |         |
|---------------------------------|----------------|-----------------------|---------|---------|---------|---------|---------|-----------|----------|----------|---------|---------|
|                                 |                | 5/26/09               | 8/20/09 | 9/14/09 | 10/6/09 | 1/15/10 | 4/19/13 | 7/20/2010 | 10/18/12 | 12/11/12 | 3/25/13 | 5/13/13 |
| Weather Conditions (Wet or Dry) |                | Wet                   | Dry     | Dry     | Wet     |         | Dry     |           |          |          |         |         |
| Flow (cfs)                      | 00061          | DRY                   | DRY     | DRY     | 0.2     | 13.5    | DRY     | DRY       | DRY      | DRY      | DRY     | DRY     |
| E coli (organisms/100 mL)       | 31699          |                       |         |         | 120     | 3100    |         |           |          |          |         |         |
| Suspended Solids (mg/L)         | 00530          |                       |         |         | 14      | 48      |         |           |          |          |         |         |
| Turbidity (NTU)                 | 82079          |                       |         |         | 19      | 49.7    |         |           |          |          |         |         |
| pH                              | 00400          |                       |         |         | 7.6     | 7.6     |         |           |          |          |         |         |
| Temperature (C)                 | 00010          |                       |         |         | 25.4    | 11.5    |         |           |          |          |         |         |
| Dissolved Oxygen (mg/L)         | 00300          |                       |         |         | 4.9     | 10.1    |         |           |          |          |         |         |
| Conductivity (umhos/cm)         | 00094          |                       |         |         | 245     | 221     |         |           |          |          |         |         |
| Total Phosphorus (mg/L)         | 00665          |                       |         |         | 0.17    | 0.16    |         |           |          |          |         |         |
| Nitrate-N (mg/L)                | 00620          |                       |         |         | 0.29    | 0.38    |         |           |          |          |         |         |
| Chloride (mg/L)                 | 00940          |                       |         |         | 3.27    | 13      |         |           |          |          |         |         |
| Sulfate (mg/L)                  | 00945          |                       |         |         | 6.19    | 20      |         |           |          |          |         |         |
| Total Hardness (mg/L)           | 00900          |                       |         |         | 120     | 120     |         |           |          |          |         |         |
| Ammonia-N (mg/L)                | 00610          |                       |         |         | 0.12    | 0.11    |         |           |          |          |         |         |
| Chlorophyll a (mg/m3)           | 32211          |                       |         |         | 2       | 2.3     |         |           |          |          |         |         |
| Pheophytin (mg/m3)              | 32218          |                       |         |         | <1.0    | <1.0    |         |           |          |          |         |         |

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|                                 |                | 6/12/13               | 9/18/13 | 9/23/13 | 9/30/13 | 12/9/14 | 3/17/14 | 5/14/14 | 7/21/14 | 9/10/14 | 11/5/14 | 12/8/14 |
| Weather Conditions (Wet or Dry) |                | Dry                   |         |         |         |         |         |         | Dry     | Wet     | Wet     | Dry     |
| Flow (cfs)                      | 00061          | DRY                   | DRY     | DRY     | 0.5     | DRY     | DRY     | <0.1    | DRY     | DRY     | 0       | DRY     |
| E coli (organisms/100 mL)       | 31699          |                       |         |         | 1400    |         |         | 1000    |         |         | 1300    |         |
| Suspended Solids (mg/L)         | 00530          |                       |         |         | 22.3    |         |         | 2.60    |         |         | 8.25    |         |
| Turbidity (NTU)                 | 82079          |                       |         |         | 30.7    |         |         | 2.4     |         |         | 9.7     |         |
| pH                              | 00400          |                       |         |         | 7.6     |         |         | 7.7     |         |         | 7.4     |         |
| Temperature (C)                 | 00010          |                       |         |         | 25.7    |         |         | 22.2    |         |         | 17.1    |         |
| Dissolved Oxygen (mg/L)         | 00300          |                       |         |         | 5.0     |         |         | 5.1     |         |         | 5.8     |         |
| Conductivity (umhos/cm)         | 00094          |                       |         |         | 198     |         |         | 342     |         |         | 151     |         |
| Total Phosphorus (mg/L)         | 00665          |                       |         |         | 0.20    |         |         | 0.23    |         |         | 0.16    |         |
| Nitrate-N (mg/L)                | 00620          |                       |         |         | 0.59    |         |         | 0.06    |         |         | <0.05   |         |
| Chloride (mg/L)                 | 00940          |                       |         |         | 2.52    |         |         | 29.5    |         |         | 1.57    |         |
| Sulfate (mg/L)                  | 00945          |                       |         |         | 4.33    |         |         | 29.8    |         |         | 6.25    |         |
| Total Hardness (mg/L)           | 00900          |                       |         |         | 89.8    |         |         | 119     |         |         | 61.0    |         |
| Ammonia-N (mg/L)                | 00610          |                       |         |         | 0.12    |         |         | 0.64    |         |         | 0.28    |         |
| Chlorophyll a (mg/m3)           | 32211          |                       |         |         | <1.0    |         |         | 5.45    |         |         | <1.0    |         |
| Pheophytin (mg/m3)              | 32218          |                       |         |         | <1.0    |         |         | <1.0    |         |         | <1.0    |         |
| TKN                             | 625            |                       |         |         | 3.25    |         |         | 0.635   |         |         |         |         |

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|                                 |                | 1/28/15               | 3/16/15 | 6/10/15 | 8/17/15 | 9/10/15 | 10/20/15 | 11/3/15 | 1/11/16 | 4/12/16 | 5/9/16 | 7/18/16 |
| Weather Conditions (Wet or Dry) |                | Wet                   | Dry     | Dry     | Dry     | Wet     | Dry      | Wet     | Dry     | Wet     | Dry    | Dry     |
| Flow (cfs)                      | 00061          | 0.0                   | 0.0     | 0.00    | 0.00    | DRY     | DRY      | 0.00    | 0.00    | 0.00    | 0.00   | DRY     |
| E coli (organisms/100 mL)       | 31699          | 120                   | 7       | 76      | 1000    |         |          | 120     | 12      | 14      | 10     |         |
| Suspended Solids (mg/L)         | 00530          | 15.8                  | 6.00    | 2.70    | 5.60    |         |          | 11.2    | 6.40    | 6.50    | 11.1   |         |
| Turbidity (NTU)                 | 82079          | 36.9                  | 4.2     | 1.1     | 2.7     |         |          | 20.7    | 18.6    | 68.1    | 11.0   |         |
| pH                              | 00400          | 7.9                   | 8.1     | 8.0     | 7.5     |         |          | 7.6     | 8.2     | 7.5     | 7.9    |         |
| Temperature (C)                 | 00010          | 12.0                  | 16.6    | 26.4    | 27.3    |         |          | 19.9    | 9.4     | 20.1    | 20.7   |         |
| Dissolved Oxygen (mg/L)         | 00300          | 9.7                   | 9.0     | 10.3    | 5.3     |         |          | 5.2     | 10.5    | 3.4     | 6.4    |         |
| Conductivity (umhos/cm)         | 00094          | 238                   | 315     | 591     | 630     |         |          | 227     | 254     | 412     | 361    |         |
| Total Phosphorus (mg/L)         | 00665          | 0.27                  | 0.03    | 0.04    | 0.03    |         |          | 0.19    | 0.07    | 0.15    | 0.05   |         |
| Nitrate-N (mg/L)                | 00620          | 0.41                  | <0.05   | 1.06    | 2.09    |         |          | 0.26    | 0.76    | <0.05   | 0.28   |         |
| Chloride (mg/L)                 | 00940          | 4.74                  | 16.2    | 18.8    | 21.7    |         |          | 2.93    | 4.51    | 14.6    | 7.42   |         |
| Sulfate (mg/L)                  | 00945          | 8.2                   | 22.3    | 21.4    | 24.5    |         |          | 6.03    | 11.7    | 19.9    | 49.5   |         |
| Total Hardness (mg/L)           | 00900          | 103                   | 121     | 292     | 295     |         |          | 103     | 110     | 180     | 111    |         |
| Ammonia-N (mg/L)                | 00610          | 0.11                  | <0.10   | <0.10   | <0.10   |         |          | <0.10   | <0.10   | 0.42    | 0.10   |         |
| Chlorophyll a (mg/m3)           | 32211          | 12.5                  | 17.3    | 1.78    | 5.34    |         |          | 1.45    | 9.43    | 2.79    | 14.1   |         |
| Pheophytin (mg/m3)              | 32218          | <1.0                  | <1.0    | <1.00   | <1.00   |         |          | <1.00   | <1.00   | <1.00   | 2.14   |         |
| TKN                             | 00625          | 0.72                  | 1.01    | 0.35    | <0.20   |         |          | <0.20   | 0.84    | 1.70    | 1.10   |         |

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|                                 |                | 8/15/16               | 10/17/16 | 12/8/16 | 2/16/17 | 4/6/17 | 5/9/17 | 6/13/17 | 7/13/17 | 9/13/17 | 10/16/17 | 2/22/18 |
| Weather Conditions (Wet or Dry) |                | Dry                   | Dry      | Wet     | Wet     | Dry    | Dry    | Dry     | Dry     | Dry     | Dry      | Dry     |
| Flow (cfs)                      | 00061          | 52                    | DRY      | 0.00    | DRY     | 0.00   | 0.00   | DRY     | DRY     | DRY     | 0.00     | 0       |
| E coli (organisms/100 mL)       | 31699          | 10000                 |          | 10      |         | 85     | 15     |         |         |         | 520      | 310     |
| Suspended Solids (mg/L)         | 00530          | 20.9                  |          | 28.4    |         | 19.4   | 4.00   |         |         |         | 7.10     | 7.88    |
| Turbidity (NTU)                 | 82079          | 19.7                  |          | 32.6    |         | 30.1   | 3.9    |         |         |         | 5.3      | 6.6     |
| pH                              | 00400          | 7.4                   |          | 9.6     |         | 8.2    | 7.6    |         |         |         | 8.0      | 8.5     |
| Temperature (C)                 | 00010          | 25.3                  |          | 9.9     |         | 17.6   | 19.5   |         |         |         | 18.7     | 9       |
| Dissolved Oxygen (mg/L)         | 00300          | 5.0                   |          | 10.8    |         | 9.5    | 6.0    |         |         |         | 6.5      | 11.9    |
| Conductivity (umhos/cm)         | 00094          | 190                   |          | 230     |         | 243    | 517    |         |         |         | 577      | 141     |
| Total Phosphorus (mg/L)         | 00665          | 0.12                  |          | 0.09    |         | 0.08   | 0.04   |         |         |         | 0.04     | 0.06    |
| Nitrate-N (mg/L)                | 00620          | 0.13                  |          | 0.90    |         | 0.28   | 0.34   |         |         |         | 0.39     | 0.29    |
| Chloride (mg/L)                 | 00940          | 6.66                  |          | 9.44    |         | 4.87   | 29.8   |         |         |         | 35.0     | 3.4     |
| Sulfate (mg/L)                  | 00945          | 11.9                  |          | 21.6    |         | 22.8   | 34.0   |         |         |         | 41.7     | 9.99    |
| Total Hardness (mg/L)           | 00900          | 69.8                  |          | 113     |         | 49.2   | 194    |         |         |         | 242      | 53.9    |
| Ammonia-N (mg/L)                | 00610          | <0.10                 |          | <0.10   |         | 0.26   | 0.12   |         |         |         | 0.17     | 0.11    |
| Chlorophyll a (mg/m3)           | 32211          | 4.69                  |          | <1.00   |         | 2.94   | 7.33   |         |         |         | <1.00    | 1.93    |
| Pheophytin (mg/m3)              | 32218          | <1.00                 |          | <1.00   |         | <1.00  | <1.00  |         |         |         | <1.00    | <1.00   |
| TKN                             | 00625          | 0.26                  |          | 0.71    |         | 1.03   | 0.66   |         |         |         | 0.70     | 0.37    |

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|---------------------------------|----------------|-----------------------|--------|---------|---------|
|                                 |                | 4/16/18               | 5/7/18 | 6/20/18 | 9/12/18 |
| Weather Conditions (Wet or Dry) |                | Dry                   | Wet    | Dry     | Wet     |
| Flow (cfs)                      | 00061          | 0                     | 0      | 0.00    | 0.02    |
| E coli (organisms/100 mL)       | 31699          | 420                   | 65     | 310     | 5500    |
| Suspended Solids (mg/L)         | 00530          | 11.4                  | 5      | 1.5     | 9.6     |
| Turbidity (NTU)                 | 82079          | 7.7                   | 4.6    | 2.3     | 10.8    |
| pH                              | 00400          | 8.1                   | 7.9    | 7.8     | 7.6     |
| Temperature (C)                 | 00010          | 15.8                  | 19.9   | 28      | 25.4    |
| Dissolved Oxygen (mg/L)         | 00300          | 9.7                   | 3.5    | 5.5     | 3.3     |
| Conductivity (umhos/cm)         | 00094          | 194                   | 279    | 203     | 252     |
| Total Phosphorus (mg/L)         | 00665          | 0.22                  | 0.21   | 0.11    | 0.13    |
| Nitrate-N (mg/L)                | 00620          | 0.32                  | 0.15   | <0.05   | 0.09    |
| Chloride (mg/L)                 | 00940          | 5.78                  | 17.4   | 4.96    | 412     |
| Sulfate (mg/L)                  | 00945          | 16.4                  | 20.9   | 7.76    | 7.69    |
| Total Hardness (mg/L)           | 00900          | 74.8                  | 98.9   | 85.3    | 77.8    |
| Ammonia-N (mg/L)                | 00610          | 0.16                  | <0.10  | <0.10   | <0.10   |
| Chlorophyll a (mg/m3)           | 32211          | <1.00                 | 1.13   | 1.75    | <1.00   |
| Pheophytin (mg/m3)              | 32218          | <1.00                 | <1.00  | 1.53    | <1.00   |
| TKN                             | 00625          | 2.07                  | 0.6    | 0.57    | 0.27    |