Lampasas River Watershed

Clean Rivers Program

Water Quality Monitoring
FY2010 Monitoring

One station on the mainstem of the Lampasas River is monitored quarterly

- Station 11897 – LAMPASAS RIVER AT US 190 is monitored quarterly
  - Two Biological Assessments in 2010

Four stations on tributaries to the Lampasas River are monitored quarterly

- Station 18783 – SULPHUR CREEK AT US 281
- Station 18760 – SULPHUR CREEK UPSTREAM OF LAMPASAS WWTP
- Station 15250 – SULPHUR CREEK AT CR 3050 (Hallmark Crossing)
- Station 11724 – ROCKY CREEK at FM 963
Segment 1217 – Lampasas River Above Stillhouse Hollow Lake

- First Listed in 2002 for not supporting Contact Recreation due to elevated bacteria
  - 1217_04 - *From the FM 1690 crossing to the CR 117 crossing*, (Station 15770) is the portion of the stream that resulted the listing
  - 1217_05 - *From CR 117 crossing to the upper end of the segment*, (Station 15762) was listed as having a concern for Contact Recreation due to elevated bacteria

In 2008, both 1217_04 and 1217_05 were included on the 2008 303(d) list. The 1217_05 site was listed in error and will be corrected in the 2010 303(d) list.
Fecal coliform data was collected from 4/98 through 7/99.

There were 12 samples collected.
- Of these 12, there were 6 samples that contained >400 CFU.
- The geometric mean was 235 CFU (>200 CFU is non-supporting).
303(d) Listings

- Unclassified Segment 1217D – Station 18334 – NORTH FORK ROCKY CREEK SOUTHERN FM 963 CROSSING

- Data from Station 18334

- First Listed in 2006 for not supporting designated Aquatic Life Use due to low 24-hr average Dissolved Oxygen

- 24-hr Dissolved Oxygen data was collected from 8/02 through 9/04.

- There were 13 events
  - Of these 13, there were 5 events that produced samples that were <3 mg/L
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

1217_05

Station 15762 - LAMPASAS RIVER AT US 84

- Monitored from 03/1998 – 07/1999

- Bacteria Data – Fecal coliform
  - N = 14
  - Geomean = 172 CFU

- Dissolved Oxygen Grab Data
  - N = 15
  - Average 8.1 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217_04**
  - Station 15770 - LAMPASAS RIVER AT CR 105
    - Monitored from 06/1998 – 07/1999

- **Bacteria Data – Fecal coliform**
  - N = 12
  - Geomean = 235 CFU

- **Dissolved Oxygen Grab Data**
  - N = 13
  - Average = 8.1 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217C**
- **Station 15763 - SIMMS CREEK AT US 281**
  - Monitored from 03/1998 – 08/1999

  - **Bacteria Data – Fecal coliform**
    - N = 13
    - Geomean = 120 CFU

  - **Dissolved Oxygen Grab Data**
    - N = 14
    - Average = 8.7 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217_03**
- **Station 16404 - LAMPASAS RIVER AT FM 2313**
  - Monitored from 03/1998 – 08/1999
  - **Bacteria Data – Fecal coliform**
    - N = 15
    - Geomean = 138 CFU
  - **Dissolved Oxygen Grab Data**
    - N = 16
    - Average = 9.1 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- 1217_02
- Station 11897 - LAMPASAS RIVER AT US 190
  - Monitored from 09/2001 – Present

- Bacteria Data – *E. coli*
  - N = 36
  - Geomean = 65 MPN

- Dissolved Oxygen Grab Data
  - N = 16
  - Average = 11.1 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217B**
  - Station 15250 - SULPHUR CREEK AT LAMPASAS CR 8
    - Monitored from 09/2001 – Present
    - Bacteria Data – *E. coli*
      - N = 52
      - Geomean = 73 MPN
    - Dissolved Oxygen Grab Data
      - N = 55
      - Average = 9.6 mg/l

- **Station 15781 - SULPHUR CREEK AT LAMPASAS CR 7**
  - Monitored from 01/1999 – 08/06
  - Bacteria Data – *E. coli*
    - N = 15
    - Geomean = 90 MPN
  - Dissolved Oxygen Grab Data
    - N = 55
    - Average = 9.6 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217D**
  - Station 18334 - NORTH FORK ROCKY CREEK  
    - SOUTHERN FM 963 CROSSING
  - Monitored from 08/2002 – 09/04
    - 24-hr Dissolved Oxygen Data
      - N = 13
      - Exceedances = 5 <3.0 mg/l
    - Dissolved Oxygen Grab Data
      - N = 14
      - Average = 5.3 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217E**
  - Station 11725 - SOUTH FORK ROCKY CREEK AT FM 963
    - Bacteria Data – Fecal coliform
      - $N = 13$
      - Geomean = 57 CFU
    - Dissolved Oxygen Grab Data
      - $N = 41$
      - Average = 7.8 mg/l

- **Station 18333 - SOUTH ROCKY CREEK AT US 183**
  - Dissolved Oxygen Grab Data
    - $N = 14$
    - Average = 8.9 mg/l
  - 24-hr Dissolved Oxygen Data
    - $N = 13$
    - 24-hr Average = All samples > 5.5 mg/L
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217A**
  - **Station 11724 - ROCKY CREEK AT FM 963**
  - Monitored from 02/2006 – Present
    - **Bacteria Data – E. coli**
      - N = 16
      - Geomean = 80 MPN
    - **Dissolved Oxygen Grab Data**
      - N = 18
      - Average = 8.1 mg/l
  - **24-hr Dissolved Oxygen Data**
    - Collected from 08/2002 – 09/04
    - N = 12
    - 24-hr Average = All samples >7.5 mg/l
Status of Other Stations in the Lampasas River Watershed that are Considered in Assessments

- **1217_01**

- **Station 11896 - LAMPASAS RIVER AT SH 195**
  - Monitored from 10/1973 – 05/2002
  - **Bacteria Data – Fecal coliform**
    - N = 99
    - Geomean = 58 CFU
  - **Dissolved Oxygen Grab Data**
    - N = 107
    - Average = 9.1 mg/l
Contact Information:
Jenna Barrett
Water Quality Programs Manager
254-761-3149
jbarrett@brazos.org