

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Aquatic Life Use**

|      |                               |                         |  |    |    |   |  |
|------|-------------------------------|-------------------------|--|----|----|---|--|
| 2002 | Dissolved Oxygen grab average | Not Assessed            | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |  |
| 2002 | Dissolved Oxygen grab average | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 2  | 0 |  |
| 2002 | Dissolved Oxygen grab average | No Concern              | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 80 | 0 |  |
| 2002 | Dissolved Oxygen grab average | Not Assessed            | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5  | 0 |  |
| 2002 | Dissolved Oxygen grab minimum | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |  |
| 2002 | Dissolved Oxygen grab minimum | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 2  | 0 |  |
| 2002 | Dissolved Oxygen grab minimum | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 80 | 0 |  |
| 2002 | Dissolved Oxygen grab minimum | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5  | 0 |  |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed            | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed            | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr average | Not Assessed            | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed            | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed            | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 0  |   |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Aquatic Life Use** (continued)

|      |                               |                  |  |    |   |  |  |
|------|-------------------------------|------------------|--|----|---|--|--|
| 2002 | Dissolved Oxygen 24hr minimum | Not Assessed     | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 0 |  |  |
| 2002 | Overall Aquatic Life Use      | Not Assessed     | From Guadalupe CR 239/247 to upper end of segment                        | 25 |   |  |  |
| 2002 | Overall Aquatic Life Use      | Not Assessed     | From confluence with Mile Creek to confluence with Plum Creek            | 7  |   |  |  |
| 2002 | Overall Aquatic Life Use      | Fully Supporting | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |   |  |  |
| 2002 | Overall Aquatic Life Use      | Not Assessed     | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |   |  |  |

**Contact Recreation Use**

|      |                              |                         |  |    |    |   |    |
|------|------------------------------|-------------------------|--|----|----|---|----|
| 2002 | E. coli single sample        | Not Assessed            | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 0  |   |    |
| 2002 | E. coli single sample        | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 0  |   |    |
| 2002 | E. coli single sample        | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 53 | 1 |    |
| 2002 | E. coli single sample        | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5  | 0 |    |
| 2002 | E. coli geometric mean       | Not Assessed            | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 0  |   |    |
| 2002 | E. coli geometric mean       | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 0  |   |    |
| 2002 | E. coli geometric mean       | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 53 |   | 34 |
| 2002 | E. coli geometric mean       | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5  |   | 35 |
| 2002 | Fecal coliform single sample | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 6  | 0 |    |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Contact Recreation Use** (continued)

|      |                               |                         |  |    |    |   |    |
|------|-------------------------------|-------------------------|--|----|----|---|----|
| 2002 | Fecal coliform single sample  | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 2  | 0 |    |
| 2002 | Fecal coliform single sample  | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 62 | 3 |    |
| 2002 | Fecal coliform single sample  | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5  | 0 |    |
| 2002 | Fecal coliform geometric mean | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 6  |   | 40 |
| 2002 | Fecal coliform geometric mean | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 2  |   | 31 |
| 2002 | Fecal coliform geometric mean | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 62 |   | 64 |
| 2002 | Fecal coliform geometric mean | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5  |   | 77 |
| 2002 | Overall Recreation Use        | Not Assessed            | From Guadalupe CR 239/247 to upper end of segment                        | 25 |    |   |    |
| 2002 | Overall Recreation Use        | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  |    |   |    |
| 2002 | Overall Recreation Use        | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |    |   |    |
| 2002 | Overall Recreation Use        | Not Assessed            | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |    |   |    |

**General Use**

|      |                   |                         |   |    |    |   |  |
|------|-------------------|-------------------------|---|----|----|---|--|
| 2002 | Water Temperature | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment             | 25 | 6  | 0 |  |
| 2002 | Water Temperature | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek | 7  | 2  | 0 |  |
| 2002 | Water Temperature | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247       | 25 | 81 | 0 |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**General Use** (continued)

|      |                        |                         |  |    |     |   |        |
|------|------------------------|-------------------------|--|----|-----|---|--------|
| 2002 | Water Temperature      | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5   | 0 |        |
| 2002 | pH                     | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 6   | 0 |        |
| 2002 | pH                     | Not Assessed            | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 2   | 0 |        |
| 2002 | pH                     | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 80  | 1 |        |
| 2002 | pH                     | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 5   | 0 |        |
| 2002 | Chloride               | Fully Supporting        | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 90  |   | 26.2   |
| 2002 | Chloride               | Fully Supporting        | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 90  |   | 26.2   |
| 2002 | Chloride               | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 90  |   | 26.2   |
| 2002 | Chloride               | Fully Supporting        | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 90  |   | 26.2   |
| 2002 | Sulfate                | Fully Supporting        | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 90  |   | 28.3   |
| 2002 | Sulfate                | Fully Supporting        | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 90  |   | 28.3   |
| 2002 | Sulfate                | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 90  |   | 28.3   |
| 2002 | Sulfate                | Fully Supporting        | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 90  |   | 28.3   |
| 2002 | Total Dissolved Solids | Fully Supporting        | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 104 |   | 357.27 |
| 2002 | Total Dissolved Solids | Fully Supporting        | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 104 |   | 357.27 |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**General Use** (continued)

|      |                        |                  |  |    |     |  |        |
|------|------------------------|------------------|--|----|-----|--|--------|
| 2002 | Total Dissolved Solids | Fully Supporting | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 104 |  | 357.27 |
| 2002 | Total Dissolved Solids | Fully Supporting | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 104 |  | 357.27 |
| 2002 | Overall General Use    | Fully Supporting | From Guadalupe CR 239/247 to upper end of segment                        | 25 |     |  |        |
| 2002 | Overall General Use    | Fully Supporting | From confluence with Mile Creek to confluence with Plum Creek            | 7  |     |  |        |
| 2002 | Overall General Use    | Fully Supporting | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |     |  |        |
| 2002 | Overall General Use    | Fully Supporting | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |     |  |        |

**Fish Consumption Use**

|      |                              |              |  |    |  |  |  |
|------|------------------------------|--------------|--|----|--|--|--|
| 2002 | Overall Fish Consumption Use | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Overall Fish Consumption Use | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Overall Fish Consumption Use | Not Assessed | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Overall Fish Consumption Use | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Public Water Supply Use**

|      |                             |                  |  |    |  |  |  |
|------|-----------------------------|------------------|--|----|--|--|--|
| 2002 | Finished Water: Running Avg | Fully Supporting | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: Running Avg | Fully Supporting | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: Running Avg | Fully Supporting | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Finished Water: Running Avg | Fully Supporting | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream      Guadalupe River Basin      Total size: 75 Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Public Water Supply Use** (continued)

|      |   |                         |  |    |    |   |      |
|------|---|-------------------------|--|----|----|---|------|
| 2002 | Surface Water: Long-term average Nitrate+Nitrite Nitrogen | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  |   | 1.1  |
| 2002 | Surface Water: Long-term average Nitrate+Nitrite Nitrogen | No Concern-Limited Data | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  |   | 0.67 |
| 2002 | Surface Water: Long-term average Nitrate+Nitrite Nitrogen | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 62 |   | 1.1  |
| 2002 | Surface Water: Long-term average Nitrate+Nitrite Nitrogen | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  |   | 0.67 |
| 2002 | Surface Water: Running average Nitrate+Nitrite Nitrogen   | No Concern-Limited Data | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |      |
| 2002 | Surface Water: Running average Nitrate+Nitrite Nitrogen   | No Concern-Limited Data | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  | 0 |      |
| 2002 | Surface Water: Running average Nitrate+Nitrite Nitrogen   | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 62 | 0 |      |
| 2002 | Surface Water: Running average Nitrate+Nitrite Nitrogen   | No Concern-Limited Data | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  | 0 |      |
| 2002 | Overall Public Water Supply Use                           | Fully Supporting        | From Guadalupe CR 239/247 to upper end of segment                        | 25 |    |   |      |
| 2002 | Overall Public Water Supply Use                           | Fully Supporting        | From confluence with Mile Creek to confluence with Plum Creek            | 7  |    |   |      |
| 2002 | Overall Public Water Supply Use                           | Fully Supporting        | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |    |   |      |
| 2002 | Overall Public Water Supply Use                           | Fully Supporting        | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |    |   |      |

**Overall Use Support**

|      |  |                  |   |    |  |  |  |
|------|--|------------------|---|----|--|--|--|
| 2002 |  | Fully Supporting | From Guadalupe CR 239/247 to upper end of segment             | 25 |  |  |  |
| 2002 |  | Fully Supporting | From confluence with Mile Creek to confluence with Plum Creek | 7  |  |  |  |

**Segment ID: 1808**      **Water body name: Lower San Marcos River**

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Overall Use Support** (continued)

|      |  |                  |  |    |  |  |  |
|------|--|------------------|--|----|--|--|--|
| 2002 |  | Fully Supporting | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 |  | Fully Supporting | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Nutrient Enrichment Concern**

|      |                            |              |  |    |    |   |  |
|------|----------------------------|--------------|--|----|----|---|--|
| 2002 | Ammonia Nitrogen           | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 2 |  |
| 2002 | Ammonia Nitrogen           | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  | 0 |  |
| 2002 | Ammonia Nitrogen           | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 27 | 4 |  |
| 2002 | Ammonia Nitrogen           | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  | 0 |  |
| 2002 | Nitrite + Nitrate Nitrogen | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |  |
| 2002 | Nitrite + Nitrate Nitrogen | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  | 0 |  |
| 2002 | Nitrite + Nitrate Nitrogen | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 62 | 0 |  |
| 2002 | Nitrite + Nitrate Nitrogen | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  | 0 |  |
| 2002 | Orthophosphorus            | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |  |
| 2002 | Orthophosphorus            | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  | 0 |  |
| 2002 | Orthophosphorus            | Not Assessed | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 0  |   |  |
| 2002 | Orthophosphorus            | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  | 0 |  |
| 2002 | Total Phosphorus           | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Nutrient Enrichment Concern** (continued)

|      |                                      |              |  |    |    |   |  |
|------|--------------------------------------|--------------|--|----|----|---|--|
| 2002 | Total Phosphorus                     | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  | 0 |  |
| 2002 | Total Phosphorus                     | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 62 | 0 |  |
| 2002 | Total Phosphorus                     | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  | 0 |  |
| 2002 | Overall Nutrient Enrichment Concerns | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 |    |   |  |
| 2002 | Overall Nutrient Enrichment Concerns | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  |    |   |  |
| 2002 | Overall Nutrient Enrichment Concerns | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |    |   |  |
| 2002 | Overall Nutrient Enrichment Concerns | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |    |   |  |

**Algal Growth Concern**

|      |               |              |  |    |    |   |  |
|------|---------------|--------------|--|----|----|---|--|
| 2002 | Chlorophyll a | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 5  | 0 |  |
| 2002 | Chlorophyll a | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 4  | 0 |  |
| 2002 | Chlorophyll a | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 54 | 0 |  |
| 2002 | Chlorophyll a | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 4  | 0 |  |

**Sediment Contaminants Concern**

|      |                                       |              |   |    |  |  |  |
|------|---------------------------------------|--------------|---|----|--|--|--|
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | From Guadalupe CR 239/247 to upper end of segment             | 25 |  |  |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek | 7  |  |  |  |

**Segment ID: 1808**      **Water body name: Lower San Marcos River**

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Sediment Contaminants Concern** (continued)

|      |                                       |              |  |    |  |  |  |
|------|---------------------------------------|--------------|--|----|--|--|--|
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Fish Tissue Contaminants Concern**

|      |  |              |  |    |  |  |  |
|------|--|--------------|--|----|--|--|--|
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Public Water Supply Concern**

|      |                          |            |  |    |  |  |  |
|------|--------------------------|------------|--|----|--|--|--|
| 2002 | Finished Water: Chloride | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: Chloride | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: Chloride | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Finished Water: Chloride | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |
| 2002 | Finished Water: Sulfate  | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: Sulfate  | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: Sulfate  | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Finished Water: Sulfate  | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Public Water Supply Concern** (continued)

|      |  |              |  |    |  |  |  |
|------|--|--------------|--|----|--|--|--|
| 2002 | Finished Water: Total Dissolved Solids | No Concern   | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: Total Dissolved Solids | No Concern   | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: Total Dissolved Solids | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Finished Water: Total Dissolved Solids | No Concern   | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |
| 2002 | Finished Water: MTBE                   | No Concern   | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: MTBE                   | No Concern   | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: MTBE                   | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Finished Water: MTBE                   | No Concern   | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |
| 2002 | Finished Water: Perchlorate            | Not Assessed | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: Perchlorate            | Not Assessed | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: Perchlorate            | Not Assessed | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Finished Water: Perchlorate            | Not Assessed | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |
| 2002 | Finished Water: Overall                | No Concern   | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Finished Water: Overall                | No Concern   | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Finished Water: Overall                | No Concern   | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Public Water Supply Concern** (continued)

|      |                                       |            |  |    |     |  |        |
|------|---------------------------------------|------------|--|----|-----|--|--------|
| 2002 | Finished Water: Overall               | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |     |  |        |
| 2002 | Surface Water: Chloride               | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 90  |  | 26.2   |
| 2002 | Surface Water: Chloride               | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 90  |  | 26.2   |
| 2002 | Surface Water: Chloride               | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 90  |  | 26.2   |
| 2002 | Surface Water: Chloride               | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 90  |  | 26.2   |
| 2002 | Surface Water: Sulfate                | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 90  |  | 28.3   |
| 2002 | Surface Water: Sulfate                | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 90  |  | 28.3   |
| 2002 | Surface Water: Sulfate                | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 90  |  | 28.3   |
| 2002 | Surface Water: Sulfate                | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 90  |  | 28.3   |
| 2002 | Surface Water: Total Dissolved Solids | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 | 104 |  | 357.27 |
| 2002 | Surface Water: Total Dissolved Solids | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  | 104 |  | 357.27 |
| 2002 | Surface Water: Total Dissolved Solids | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 | 104 |  | 357.27 |
| 2002 | Surface Water: Total Dissolved Solids | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 | 104 |  | 357.27 |
| 2002 | Surface Water: Overall                | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 |     |  |        |
| 2002 | Surface Water: Overall                | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  |     |  |        |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Public Water Supply Concern** (continued)

|      |                                      |            |  |    |  |  |  |
|------|--------------------------------------|------------|--|----|--|--|--|
| 2002 | Surface Water: Overall               | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Surface Water: Overall               | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |
| 2002 | Overall Public Water Supply Concerns | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Overall Public Water Supply Concerns | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Overall Public Water Supply Concerns | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Overall Public Water Supply Concerns | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Narrative Criteria Concern**

|      |                                     |            |  |    |  |  |  |
|------|-------------------------------------|------------|--|----|--|--|--|
| 2002 | Overall Narrative Criteria Concerns | No Concern | From Guadalupe CR 239/247 to upper end of segment                        | 25 |  |  |  |
| 2002 | Overall Narrative Criteria Concerns | No Concern | From confluence with Mile Creek to confluence with Plum Creek            | 7  |  |  |  |
| 2002 | Overall Narrative Criteria Concerns | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247                  | 25 |  |  |  |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |

**Overall Secondary Concern**

|      |  |            |   |    |  |  |  |
|------|--|------------|---|----|--|--|--|
| 2002 |  | No Concern | From Guadalupe CR 239/247 to upper end of segment             | 25 |  |  |  |
| 2002 |  | No Concern | From confluence with Mile Creek to confluence with Plum Creek | 7  |  |  |  |
| 2002 |  | No Concern | From confluence with Plum Creek to Guadalupe CR 239/247       | 25 |  |  |  |

**Segment ID:** 1808      **Water body name:** Lower San Marcos River

Freshwater Stream

Guadalupe River Basin

Total size:

75

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Overall Secondary Concern** (continued)

|      |  |            |  |    |  |  |  |
|------|--|------------|--|----|--|--|--|
| 2002 |  | No Concern | Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek | 18 |  |  |  |
|------|--|------------|--|----|--|--|--|