

## Volunteer Stream Monitoring Data 2006

Inlet #9, Temple Creek at West Newman Lake Rd.

Culvert measures 3.0' in diameter.

Pygmy or Mini Meters were used to determine velocity or flow.

| Date                   | 1/7/2006 | 1/10/2006 | 1/11/2006 | 1/15/2006 | 2/4/2006 | 2/25/2006 | 2/28/2006 | 3/3/2006   | 3/19/2006 | 4/1/2006 | 4/9/2006 |
|------------------------|----------|-----------|-----------|-----------|----------|-----------|-----------|------------|-----------|----------|----------|
| Time                   | 9:00 AM  | 8:50 AM   | 9:10 AM   | 2:00 PM   | 9:10 AM  | 10:55 AM  | 3:45 PM   | 2:00 PM    | 2:05 PM   | 9:00 AM  | 8:10 AM  |
| Weather                | Rain     | Storm     | Storm     | Clear     | Cloudy   | Cldy      | Storm     | Ptly Sunny | Cldy      | Cldy     | Storm    |
|                        |          | Event     | Event     |           |          |           | Event     |            |           |          | Event    |
| Water Sample Collected | No       | Yes       | No        | Yes       | Yes      | Yes       | Yes       | Yes        | No        | Yes      | Yes      |
| Dissolved Oxygen:      |          |           |           |           |          |           |           |            |           |          |          |
| %Saturation            | 95.1     | NA        | NA        | 98.6      | 96.5     | 101.4     | NA        | 100.4      | 100.5     | 96.3     | NA       |
| mg/L                   | 12.76    | NA        | NA        | 13.04     | 12.82    | 14.49     | NA        | 13.96      | 13.53     | 12.62    | NA       |
| Water Temperature:     |          |           |           |           |          |           |           |            |           |          |          |
| Centigrade             | 3.0      | NA        | NA        | 3.7       | 3.5      | 0.0       | NA        | 2.1        | 3.0       | 4.0      | NA       |
| Fahrenheit             | 37.5     | NA        | NA        | 38.6      | 38.3     | 32.2      | NA        | 35.8       | 37.3      | 39.2     | NA       |
| Flow:                  |          |           |           |           |          |           |           |            |           |          |          |
| Cubic Feet/Second      | 4.162    | 23.500    | >35.00    | 15.883    | 5.311    | 0.833     | 4.750     | 3.622      | 2.947     | 3.661    | 5.860    |
| Staff Gauge (ft.)      | 0.55     | 1.20      | 2.64      | 1.00      | 0.68     | 0.24      | 0.59      | 0.50       | 0.40      | 0.50     | 0.60     |
| Crest Gauge (ft.)      | 0.70     | 1.62      | 2.68      | 1.75      | 1.70     | Frozen    | 0.97      | 1.40       | 0.90      | 0.86     | 0.62     |

Inlet # 9--Temple Creek at West Newman Lake Rd.

| 4/15/2006 | 4/28/2006 | 5/10/2006 | 5/20/2006 | 5/26/2006 | 6/4/2006 | 6/6/2006  | 6/10/2006 | 6/14/2006 | 6/18/2006 | 7/7/2006 |
|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|
|           |           |           |           |           |          |           |           |           |           |          |
| 11:00 AM  | 2:45 PM   | 5:55 PM   | 7:30 PM   | 5:05 PM   | 5:10 PM  | 5:55 PM   | 4:30 PM   | 6:30 PM   | 9:00 AM   | 12:30 PM |
|           |           |           |           |           |          |           |           |           |           |          |
| Rain      | Sun       | Sun       | Storm     | Ptly Cldy | Storm    | Ptly Cldy | Storm     | Storm     | Ptly Cldy | Sun/warm |
|           |           |           | Event     |           | Event    |           | Event     | Event     |           |          |
| No        | No        | Yes       | Yes       | No        | Yes      | Yes       | Yes       | Yes       | No        | Yes      |
|           |           |           |           |           |          |           |           |           |           |          |
|           |           |           |           |           |          |           |           |           |           |          |
| 96.4      | 97.1      | 97.9      | NA        | 96.8      | NA       | 97.4      | NA        | NA        | 98.7      | NA       |
| 12.33     | 11.29     | 11.57     | NA        | 10.76     | NA       | 10.45     | NA        | NA        | 11.29     | NA       |
|           |           |           |           |           |          |           |           |           |           |          |
|           |           |           |           |           |          |           |           |           |           |          |
| 4.9       | 8.8       | 8.3       | NA        | 9.8       | NA       | 12.2      | NA        | NA        | 9.4       | NA       |
| 40.9      | 47.9      | 46.5      | NA        | 49.7      | NA       | 54.0      | NA        | NA        | 49.0      | NA       |
|           |           |           |           |           |          |           |           |           |           |          |
|           |           |           |           |           |          |           |           |           |           |          |
| 5.862     | 1.811     | 0.646     | 0.600     | 0.257     | 0.430    | 0.233     | 0.500     | 3.200     | 1.529     | 0.050    |
| 0.60      | 0.38      | 0.20      | 0.25      | 0.20      | 0.23     | 0.20      | 0.24      | 0.50      | 0.30      | 0.15     |
| 0.85      | 1.22      | 0.80      | 0.46      | 1.02      | 1.60     | 0.88      | 0.50      | 0.64      | 0.92      | 0.49     |

Crest gauge may be plugged up.

Crest gauge cleaned out 7-7-06.