

PA-102



# PA Watersheds Data System



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(Results table can be copied-and-pasted into Microsoft Excel™. Click and drag over the parameters and results, right click and press 'copy', open Excel™, right click and press 'paste')

## 46.5A Mitchell Mine

### Alkalinity

Mean: 12.7567567567568  
 Median: 10  
 Mode: 7  
 First Quartile: 7  
 Third Quartile: 14  
 Standard Deviation: 11.71

| Sample Description | Sample Date            | Measurement Units |
|--------------------|------------------------|-------------------|
| BB                 | 12/1/2005 12:00:00 AM  | 14 mg/l           |
| BB                 | 12/30/2005 12:00:00 AM | 14 mg/l           |
| R.Hedin            | 1/25/2006 12:00:00 AM  | 11 mg/l           |
| BB                 | 2/4/2006 12:00:00 AM   | 7 mg/l            |
| BB                 | 3/8/2006 12:00:00 AM   | 7 mg/l            |
| BB                 | 4/26/2006 12:00:00 AM  | 7 mg/l            |
| BB                 | 5/19/2006 12:00:00 AM  | 7 mg/l            |
| BB                 | 6/29/2006 12:00:00 AM  | 7 mg/l            |
| BB                 | 7/24/2006 12:00:00 AM  | 7 mg/l            |
| BB                 | 8/26/2006 12:00:00 AM  | 7 mg/l            |
| BB                 | 9/24/2006 12:00:00 AM  | 7 mg/l            |
| BB                 | 10/31/2006 12:00:00 AM | 7 mg/l            |
| BB                 | 11/25/2006 12:00:00 AM | 7 mg/l            |
| DW                 | 12/23/2006 12:00:00 AM | 10 mg/l           |
| DW                 | 1/27/2007 12:00:00 AM  | 8 mg/l            |
| DW                 | 2/20/2007 12:00:00 AM  | 20 mg/l           |
| DW                 | 3/10/2007 12:00:00 AM  | 10 mg/l           |
| DW                 | 4/21/2007 12:00:00 AM  | 5 mg/l            |
| DW                 | 5/19/2007 12:00:00 AM  | 0 mg/l            |
| DW                 | 6/23/2007 12:00:00 AM  | 5 mg/l            |
| DW                 | 7/14/2007 12:00:00 AM  | 10 mg/l           |
| DW                 | 8/25/2007 12:00:00 AM  | 5 mg/l            |
| DW                 | 9/15/2007 12:00:00 AM  | 60 mg/l           |
| DW                 | 10/13/2007 12:00:00 AM | 10 mg/l           |
| DW                 | 11/11/2007 12:00:00 AM | 40 mg/l           |
| DW                 | 12/10/2007 12:00:00 AM | 20 mg/l           |
| DW                 | 1/15/2008 12:00:00 AM  | 5 mg/l            |
| DW                 | 2/15/2008 12:00:00 AM  | 10 mg/l           |
| DW                 | 3/15/2008 12:00:00 AM  | 10 mg/l           |
| DW                 | 4/19/2008 12:00:00 AM  | 20 mg/l           |
| DW                 | 5/17/2008 12:00:00 AM  | 20 mg/l           |
| DW                 | 6/14/2008 12:00:00 AM  | 10 mg/l           |
| DW                 | 7/19/2008 12:00:00 AM  | 5 mg/l            |
| DW                 | 8/14/2008 12:00:00 AM  | 40 mg/l           |
| DW                 | 9/13/2008 12:00:00 AM  | 0 mg/l            |
| DW                 | 10/18/2008 12:00:00 AM | 20 mg/l           |
| DW                 | 11/15/2008 12:00:00 AM | 20 mg/l           |

### pH

Mean: 5.06216216216216  
 Median: 4.9  
 Mode: 4.5  
 First Quartile: 4.5  
 Third Quartile: 5.6  
 Standard Deviation: 0.77

| Sample Description | Sample Date            | Measurement Units |
|--------------------|------------------------|-------------------|
| BB                 | 12/1/2005 12:00:00 AM  | 6.2 pH Units      |
| BB                 | 12/30/2005 12:00:00 AM | 5.7 pH Units      |
| R.Hedin            | 1/25/2006 12:00:00 AM  | 6.4 pH Units      |
| BB                 | 2/4/2006 12:00:00 AM   | 5.4 pH Units      |
| BB                 | 3/8/2006 12:00:00 AM   | 5.1 pH Units      |
| BB                 | 4/26/2006 12:00:00 AM  | 5.0 pH Units      |

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|    |                        |     |          |
|----|------------------------|-----|----------|
| BB | 5/19/2006 12:00:00 AM  | 4.9 | pH Units |
| BB | 6/29/2006 12:00:00 AM  | 4.5 | pH Units |
| BB | 7/24/2006 12:00:00 AM  | 4.3 | pH Units |
| BB | 8/26/2006 12:00:00 AM  | 4.2 | pH Units |
| BB | 9/24/2006 12:00:00 AM  | 4.2 | pH Units |
| BB | 10/31/2006 12:00:00 AM | 3.8 | pH Units |
| BB | 11/25/2006 12:00:00 AM | 4.2 | pH Units |
| DW | 12/23/2006 12:00:00 AM | 4.5 | pH Units |
| DW | 1/27/2007 12:00:00 AM  | 4.5 | pH Units |
| DW | 2/20/2007 12:00:00 AM  | 4.5 | pH Units |
| DW | 3/10/2007 12:00:00 AM  | 5   | pH Units |
| DW | 4/21/2007 12:00:00 AM  | 4.5 | pH Units |
| DW | 5/19/2007 12:00:00 AM  | 4.5 | pH Units |
| DW | 6/23/2007 12:00:00 AM  | 4.5 | pH Units |
| DW | 7/14/2007 12:00:00 AM  | 4.5 | pH Units |
| DW | 8/25/2007 12:00:00 AM  | 4.2 | pH Units |
| DW | 9/15/2007 12:00:00 AM  | 6.5 | pH Units |
| DW | 10/13/2007 12:00:00 AM | 6   | pH Units |
| DW | 11/11/2007 12:00:00 AM | 6.5 | pH Units |
| DW | 12/10/2007 12:00:00 AM | 5.5 | pH Units |
| DW | 1/15/2008 12:00:00 AM  | 4.9 | pH Units |
| DW | 2/15/2008 12:00:00 AM  | 4.5 | pH Units |
| DW | 3/15/2008 12:00:00 AM  | 5   | pH Units |
| DW | 4/19/2008 12:00:00 AM  | 5   | pH Units |
| DW | 5/17/2008 12:00:00 AM  | 6   | pH Units |
| DW | 6/14/2008 12:00:00 AM  | 5   | pH Units |
| DW | 7/19/2008 12:00:00 AM  | 4.5 | pH Units |
| DW | 8/14/2008 12:00:00 AM  | 6.5 | pH Units |
| DW | 9/13/2008 12:00:00 AM  | 4.8 | pH Units |
| DW | 10/18/2008 12:00:00 AM | 6   | pH Units |
| DW | 11/15/2008 12:00:00 AM | 6   | pH Units |

**Acidity**  
 Mean: 0  
 Median: 0  
 Mode: 0  
 First Quartile: 0  
 Third Quartile: 0  
 Standard Deviation: 0

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| R.Hedin            | 1/25/2006 12:00:00 AM | 0 mg/l            |

**46.5 Mitchell Mine**

**Alkalinity**  
 Mean: 0  
 Median: 0  
 Mode: 0  
 First Quartile: 0  
 Third Quartile: 0  
 Standard Deviation: 0

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| R.Hedin            | 1/25/2006 12:00:00 AM | 0 mg/l            |

**pH**  
 Mean: 2.65833333333333  
 Median: 2.7  
 Mode: 2.6  
 First Quartile: 2.6  
 Third Quartile: 2.8  
 Standard Deviation: 0.25

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| BB                 | 12/1/2005 12:00:00 AM | 2.8 pH Units      |
| R.Hedin            | 1/25/2006 12:00:00 AM | 3.1 pH Units      |
| BB                 | 2/4/2006 12:00:00 AM  | 2.6 pH Units      |
|                    | 3/8/2006 12:00:00 AM  | 2.7 pH Units      |

|    |                        |     |          |
|----|------------------------|-----|----------|
| BB | 4/26/2006 12:00:00 AM  | 2.7 | pH Units |
| BB | 5/19/2006 12:00:00 AM  | 2   | pH Units |
| BB | 6/29/2006 12:00:00 AM  | 2.8 | pH Units |
| BB | 7/24/2006 12:00:00 AM  | 2.7 | pH Units |
| BB | 8/21/2006 12:00:00 AM  | 2.5 | pH Units |
| BB | 9/24/2006 12:00:00 AM  | 2.6 | pH Units |
| BB | 10/31/2006 12:00:00 AM | 2.8 | pH Units |
| BB | 11/25/2006 12:00:00 AM | 2.6 | pH Units |

| <b>Acidity</b>            |                        |     |                   |
|---------------------------|------------------------|-----|-------------------|
| Mean: 107.833333333333    |                        |     |                   |
| Median: 103               |                        |     |                   |
| Mode: 103                 |                        |     |                   |
| First Quartile: 86        |                        |     |                   |
| Third Quartile: 111.5     |                        |     |                   |
| Standard Deviation: 28.75 |                        |     |                   |
| Sample Description        | Sample Date            |     | Measurement Units |
| BB                        | 12/1/2005 12:00:00 AM  | 103 | mg/l              |
| R.Hedin                   | 1/25/2006 12:00:00 AM  | 195 | mg/l              |
| BB                        | 2/4/2006 12:00:00 AM   | 86  | mg/l              |
|                           | 3/8/2006 12:00:00 AM   | 86  | mg/l              |
| BB                        | 4/26/2006 12:00:00 AM  | 86  | mg/l              |
| BB                        | 5/19/2006 12:00:00 AM  | 103 | mg/l              |
| BB                        | 6/29/2006 12:00:00 AM  | 120 | mg/l              |
| BB                        | 7/24/2006 12:00:00 AM  | 103 | mg/l              |
| BB                        | 8/26/2006 12:00:00 AM  | 103 | mg/l              |
| BB                        | 9/24/2006 12:00:00 AM  | 120 | mg/l              |
| BB                        | 10/31/2006 12:00:00 AM | 103 | mg/l              |
| BB                        | 11/25/2006 12:00:00 AM | 86  | mg/l              |

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Babb Creek Watershed Association > 48.29 (LAB) Hunter's Drift

(Results table can be copied-and-pasted into Microsoft Excel™. Click and drag over the parameters and results, right click and press 'copy', open Excel™, right click and press 'paste')

## 46.5 (LAB) Mitchell Mine

### pH

Mean: 3  
 Median: 3  
 Mode: 3  
 First Quartile: 2.99  
 Third Quartile: 3.14  
 Standard Deviation: 0.07

| Sample Description | Sample Date                | Measurement Units |
|--------------------|----------------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM 2.99 | pH Units          |
| N Wolfe            | 4/30/2007 12:00:00 AM 3    | pH Units          |
| DW                 | 9/10/2007 12:00:00 AM 3    | pH Units          |
| N. Wolfe           | 2/25/2008 12:00:00 AM 2.89 | pH Units          |
| DW                 | 3/12/2008 12:00:00 AM 3.14 | pH Units          |
| DW                 | 8/19/2008 12:00:00 AM 2.98 | pH Units          |

### Acidity

Mean: 208.985  
 Median: 232.66  
 Mode: 103.56  
 First Quartile: 177.18  
 Third Quartile: 336.48  
 Standard Deviation: 72.22

| Sample Description | Sample Date                  | Measurement Units |
|--------------------|------------------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM 103.56 | mg/l              |
| N Wolfe            | 4/30/2007 12:00:00 AM 177.18 | mg/l              |
| DW                 | 9/10/2007 12:00:00 AM 235.59 | mg/l              |
| N. Wolfe           | 2/25/2008 12:00:00 AM 336.48 | mg/l              |
| DW                 | 3/12/2008 12:00:00 AM 168.44 | mg/l              |
| DW                 | 8/19/2008 12:00:00 AM 232.66 | mg/l              |

### Iron

Mean: 9.388333333333333  
 Median: 7.76  
 Mode: 5.03  
 First Quartile: 5.83  
 Third Quartile: 22.55  
 Standard Deviation: 6.14

| Sample Description | Sample Date                 | Measurement Units |
|--------------------|-----------------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM 5.83  | mg/l              |
| N Wolfe            | 4/30/2007 12:00:00 AM 5.03  | mg/l              |
| DW                 | 9/10/2007 12:00:00 AM 10.06 | mg/l              |
| N. Wolfe           | 2/25/2008 12:00:00 AM 22.55 | mg/l              |
| DW                 | 3/12/2008 12:00:00 AM 5.1   | mg/l              |
| DW                 | 8/19/2008 12:00:00 AM 7.76  | mg/l              |

### Manganese

Mean: 11.981666666666667  
 Median: 11.41  
 Mode: 6.6  
 First Quartile: 10.58  
 Third Quartile: 16.87  
 Standard Deviation: 3.5

| Sample Description | Sample Date                 | Measurement Units |
|--------------------|-----------------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM 10.45 | mg/l              |
| N Wolfe            | 4/30/2007 12:00:00 AM 10.58 | mg/l              |
| DW                 | 9/10/2007 12:00:00 AM 15.98 | mg/l              |
| N. Wolfe           | 2/25/2008 12:00:00 AM 6.6   | mg/l              |

|    |                       |       |      |
|----|-----------------------|-------|------|
| DW | 3/12/2008 12:00:00 AM | 11.41 | mg/l |
| DW | 8/19/2008 12:00:00 AM | 16.87 | mg/l |

**Aluminum**  
 Mean: 24.771666666667  
 Median: 23.15  
 Mode: 11.82  
 First Quartile: 21.86  
 Third Quartile: 38.26  
 Standard Deviation: 10.14

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 15.62 mg/l        |
| N Wolfe            | 4/30/2007 12:00:00 AM | 11.82 mg/l        |
| DW                 | 9/10/2007 12:00:00 AM | 21.86 mg/l        |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 37.92 mg/l        |
| DW                 | 3/12/2008 12:00:00 AM | 23.15 mg/l        |
| DW                 | 8/19/2008 12:00:00 AM | 38.26 mg/l        |

**Sulfate**  
 Mean: 519.766666666667  
 Median: 546.9  
 Mode: 447.7  
 First Quartile: 502  
 Third Quartile: 585.3  
 Standard Deviation: 55.6

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 502.00 mg/l       |
| N Wolfe            | 4/30/2007 12:00:00 AM | 455.1 mg/l        |
| DW                 | 9/10/2007 12:00:00 AM | 585.3 mg/l        |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 447.7 mg/l        |
| DW                 | 3/12/2008 12:00:00 AM | 581.6 mg/l        |
| DW                 | 8/19/2008 12:00:00 AM | 546.9 mg/l        |

**Total Suspended Solids (TSS)**  
 Mean: 1.6666666666667  
 Median: 2  
 Mode: 2  
 First Quartile: 2  
 Third Quartile: 2  
 Standard Deviation: 0.47

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 2 mg/l            |
| N Wolfe            | 4/30/2007 12:00:00 AM | 1 mg/l            |
| DW                 | 9/10/2007 12:00:00 AM | 2 mg/l            |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 2 mg/l            |
| DW                 | 3/12/2008 12:00:00 AM | 1 mg/l            |
| DW                 | 8/19/2008 12:00:00 AM | 2 mg/l            |

**Alkalinity**  
 Mean: 0  
 Median: 0  
 Mode: 0  
 First Quartile: 0  
 Third Quartile: 0  
 Standard Deviation: 0

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 0 mg/l            |
| N Wolfe            | 4/30/2007 12:00:00 AM | 0 mg/l            |
| DW                 | 9/10/2007 12:00:00 AM | 0 mg/l            |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 0 mg/l            |
| DW                 | 3/12/2008 12:00:00 AM | 0 mg/l            |
| DW                 | 8/19/2008 12:00:00 AM | 0 mg/l            |

**Flow**  
 Mean: 76  
 Median: 40  
 Mode: 0

|                            |                           |                          |
|----------------------------|---------------------------|--------------------------|
| First Quartile: 0          |                           |                          |
| Third Quartile: 40         |                           |                          |
| Standard Deviation: 113.42 |                           |                          |
| <b>Sample Description</b>  | <b>Sample Date</b>        | <b>Measurement Units</b> |
| N Wolfe                    | 4/30/2007 12:00:00 AM     | gpm                      |
| DW                         | 9/10/2007 12:00:00 AM 40  | gpm                      |
| N. Wolfe                   | 2/25/2008 12:00:00 AM     | gpm                      |
| DW                         | 3/12/2008 12:00:00 AM 300 | gpm                      |
| DW                         | 8/19/2008 12:00:00 AM 40  | gpm                      |

**46.5A (LAB) Mitchell Mine**

|                           |                            |                          |
|---------------------------|----------------------------|--------------------------|
| <b>pH</b>                 |                            |                          |
| Mean: 5.56833333333333    |                            |                          |
| Median: 6.18              |                            |                          |
| Mode: 4.23                |                            |                          |
| First Quartile: 4.69      |                            |                          |
| Third Quartile: 7.37      |                            |                          |
| Standard Deviation: 1.24  |                            |                          |
| <b>Sample Description</b> | <b>Sample Date</b>         | <b>Measurement Units</b> |
| DW                        | 4/15/2007 12:00:00 AM 4.24 | pH Units                 |
| N. Wolfe                  | 4/30/2007 12:00:00 AM 4.23 | pH Units                 |
| DW                        | 9/10/2007 12:00:00 AM 6.18 | pH Units                 |
| N. Wolfe                  | 2/25/2008 12:00:00 AM 7.37 | pH Units                 |
| DW                        | 3/12/2008 12:00:00 AM 4.69 | pH Units                 |
| DW                        | 8/19/2008 12:00:00 AM 6.7  | pH Units                 |

|                           |                               |                          |
|---------------------------|-------------------------------|--------------------------|
| <b>Acidity</b>            |                               |                          |
| Mean: 6.3                 |                               |                          |
| Median: 50.24             |                               |                          |
| Mode: -144.99             |                               |                          |
| First Quartile: -9.06     |                               |                          |
| Third Quartile: 86.53     |                               |                          |
| Standard Deviation: 78.96 |                               |                          |
| <b>Sample Description</b> | <b>Sample Date</b>            | <b>Measurement Units</b> |
| DW                        | 4/15/2007 12:00:00 AM 86.53   | mg/l                     |
| N. Wolfe                  | 4/30/2007 12:00:00 AM 77.62   | mg/l                     |
| DW                        | 9/10/2007 12:00:00 AM -22.54  | mg/l                     |
| N. Wolfe                  | 2/25/2008 12:00:00 AM -144.99 | mg/l                     |
| DW                        | 3/12/2008 12:00:00 AM 50.24   | mg/l                     |
| DW                        | 8/19/2008 12:00:00 AM -9.06   | mg/l                     |

|                           |                            |                          |
|---------------------------|----------------------------|--------------------------|
| <b>Iron</b>               |                            |                          |
| Mean: 0.918333333333333   |                            |                          |
| Median: 1.21              |                            |                          |
| Mode: 0.08                |                            |                          |
| First Quartile: 0.52      |                            |                          |
| Third Quartile: 1.85      |                            |                          |
| Standard Deviation: 0.67  |                            |                          |
| <b>Sample Description</b> | <b>Sample Date</b>         | <b>Measurement Units</b> |
| DW                        | 4/15/2007 12:00:00 AM 1.85 | mg/l                     |
| N. Wolfe                  | 4/30/2007 12:00:00 AM 1.21 | mg/l                     |
| DW                        | 9/10/2007 12:00:00 AM 0.25 | mg/l                     |
| N. Wolfe                  | 2/25/2008 12:00:00 AM 0.52 | mg/l                     |
| DW                        | 3/12/2008 12:00:00 AM 1.6  | mg/l                     |
| DW                        | 8/19/2008 12:00:00 AM 0.08 | mg/l                     |

|                           |                    |                          |
|---------------------------|--------------------|--------------------------|
| <b>Manganese</b>          |                    |                          |
| Mean: 8.97833333333333    |                    |                          |
| Median: 9.57              |                    |                          |
| Mode: 3.74                |                    |                          |
| First Quartile: 9.39      |                    |                          |
| Third Quartile: 12.23     |                    |                          |
| Standard Deviation: 2.56  |                    |                          |
| <b>Sample Description</b> | <b>Sample Date</b> | <b>Measurement Units</b> |

|          |                       |       |      |
|----------|-----------------------|-------|------|
| DW       | 4/15/2007 12:00:00 AM | 9.39  | mg/l |
| N. Wolfe | 4/30/2007 12:00:00 AM | 9.57  | mg/l |
| DW       | 9/10/2007 12:00:00 AM | 12.23 | mg/l |
| N. Wolfe | 2/25/2008 12:00:00 AM | 3.74  | mg/l |
| DW       | 3/12/2008 12:00:00 AM | 9.83  | mg/l |
| DW       | 8/19/2008 12:00:00 AM | 9.11  | mg/l |

**Aluminum**

Mean: 6.09833333333333

Median: 9.61

Mode: 0.91

First Quartile: 1.43

Third Quartile: 12.23

Standard Deviation: 5.04

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 11.4 mg/l         |
| N. Wolfe           | 4/30/2007 12:00:00 AM | 9.61 mg/l         |
| DW                 | 9/10/2007 12:00:00 AM | 1.01 mg/l         |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 0.91 mg/l         |
| DW                 | 3/12/2008 12:00:00 AM | 12.23 mg/l        |
| DW                 | 8/19/2008 12:00:00 AM | 1.43 mg/l         |

**Sulfate**

Mean: 372.221666666667

Median: 529.3

Mode: 1.43

First Quartile: 471.6

Third Quartile: 558.2

Standard Deviation: 217.74

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 529.3 mg/l        |
| N. Wolfe           | 4/30/2007 12:00:00 AM | 471.6 mg/l        |
| DW                 | 9/10/2007 12:00:00 AM | 530.4 mg/l        |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 142.4 mg/l        |
| DW                 | 3/12/2008 12:00:00 AM | 558.2 mg/l        |
| DW                 | 8/19/2008 12:00:00 AM | 1.43 mg/l         |

**Total Suspended Solids (TSS)**

Mean: 2.66666666666667

Median: 3

Mode: 1

First Quartile: 2

Third Quartile: 5

Standard Deviation: 1.49

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 4 mg/l            |
| N. Wolfe           | 4/30/2007 12:00:00 AM | 3 mg/l            |
| DW                 | 9/10/2007 12:00:00 AM | 5 mg/l            |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 1 mg/l            |
| DW                 | 3/12/2008 12:00:00 AM | 1 mg/l            |
| DW                 | 8/19/2008 12:00:00 AM | 2 mg/l            |

**Alkalinity**

Mean: 39.8516666666667

Median: 32.93

Mode: 0

First Quartile: 1.67

Third Quartile: 158.29

Standard Deviation: 55.9

| Sample Description | Sample Date           | Measurement Units |
|--------------------|-----------------------|-------------------|
| DW                 | 4/15/2007 12:00:00 AM | 0 mg/l            |
| N. Wolfe           | 4/30/2007 12:00:00 AM | mg/l              |
| DW                 | 9/10/2007 12:00:00 AM | 46.22 mg/l        |
| N. Wolfe           | 2/25/2008 12:00:00 AM | 158.29 mg/l       |
| DW                 | 3/12/2008 12:00:00 AM | 1.67 mg/l         |
| DW                 | 8/19/2008 12:00:00 AM | 32.93 mg/l        |

**Flow**

Mean: 24

Median: 40

Mode: 40

First Quartile: 0

Third Quartile: 40

Standard Deviation: 19.6

| Sample Description | Sample Date           | Measurement | Units |
|--------------------|-----------------------|-------------|-------|
| N. Wolfe           | 4/30/2007 12:00:00 AM |             | gpm   |
| DW                 | 9/10/2007 12:00:00 AM | 40          | gpm   |
| N. Wolfe           | 2/25/2008 12:00:00 AM |             | gpm   |
| DW                 | 3/12/2008 12:00:00 AM | 40          | gpm   |
| DW                 | 8/19/2008 12:00:00 AM | 40          | gpm   |

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