



Water-Data Report 2008

## 103367309999 Lake Tahoe Interagency Monitoring Program Quality Assurance For Nevada Stations

Truckee Basin  
Lake Tahoe Subbasin

LOCATION.--Lat 39°05'15", long 119°56'20" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.10, T.14 N., R.18 E., Douglas County, NV, Hydrologic Unit 16050101, location information does not represent actual location of sampling site.

### WATER-QUALITY RECORDS

REMARKS.--Nutrient samples were analyzed by the University of California, Davis Tahoe Research Group and represent quality assurance data associated with each routine sampling event of the Lake Tahoe Interagency Monitoring Program. Samples are not associated with specific site locations. For site specific environmental data associated with the Lake Tahoe Interagency Monitoring Program, refer to Upper Truckee River At South Upper Truckee Road Near Meyers, CA (10336580), Upper Truckee River At Highway 50 Above Meyers CA (103366092), Angora Creek at Washoe Meadows State Park, CA (1033660958), Angora Creek Near Mouth At Tahoe Golf Course (103366097), Upper Truckee River At South Lake Tahoe, CA (10336610), General Creek Near Meeks Bay, CA (10336645), Blackwood Creek Near Tahoe City, CA (10336660), Ward Creek Below Confluence Near Tahoe City CA (10336674), Ward Creek At Highway 89 Near Tahoe Pines, CA (10336676), Third Creek Near Crystal Bay, NV (10336698), Incline Creek Above Tyrol Village Near Incline Village, NV (103366993), Incline Creek At Highway 28 At Incline Village, NV (103366995), Incline Creek Near Crystal Bay, NV (10336700), Glenbrook Creek At Glenbrook, NV (10336730), Logan House Creek Near Glenbrook, NV (10336740), Eagle Rock Creek Near Stateline, NV (103367592), Edgewood Creek At Stateline, NV (10336760), Trout Creek At U.S. Forest Service Road 12N01 Near Meyers, CA (10336770), Trout Creek At Pioneer Trail Near South Lake Tahoe, CA (10336775), Trout Creek At South Lake Tahoe, CA (10336790), Truckee River At Tahoe City, CA (10337500). Hydrazine method used to determine nitrate plus nitrite concentrations (00630, 00631) was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences. Values for parameters 99910 and 99911 are based on a laboratory method that uses pyrophosphate to remove interferences caused by calcium and magnesium with the analysis.

## 103367309999 Lake Tahoe Interagency Monitoring Program Quality Assurance For Nevada Stations—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

[QC, quality control sample. Remark codes: &lt;, less than; U, analyzed for but not detected.]

| Date       | Time | Sample medium and type                  | Specif-<br>ic<br>conduc-<br>tance,<br>wat unf<br>μS/cm<br>25 degC<br>(00095) | Ammonia                                                    |                                                             | Ammonia                                                |                                                         | Nitrate                                                    | Nitrate                                                    |
|------------|------|-----------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
|            |      |                                         |                                                                              | +<br>org-N,<br>water,<br>fltrd,<br>mg/L<br>as N<br>(00623) | +<br>org-N,<br>water,<br>unfltrd<br>mg/L<br>as N<br>(00625) | Ammonia<br>water,<br>fltrd,<br>mg/L<br>as N<br>(00608) | Ammonia<br>water,<br>unfltrd<br>mg/L<br>as N<br>(00610) | +<br>nitrite<br>water<br>fltrd,<br>mg/L<br>as N<br>(00631) | +<br>nitrite<br>water<br>fltrd,<br>mg/L<br>as N<br>(99911) |
| <b>Oct</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 01...      | 1740 | QC - Artificial, source blank           | 2                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 01...      | 1750 | QC - Artificial, field blank            | 3                                                                            | <.04                                                       | <.04                                                        | <.003                                                  | <.003                                                   | --                                                         | .008                                                       |
| <b>Nov</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 06...      | 1600 | QC - Artificial, source blank           | 2                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 06...      | 1610 | QC - Artificial, field blank            | 2                                                                            | <.04                                                       | <.04                                                        | <.003                                                  | <.003                                                   | --                                                         | <.002                                                      |
| <b>Jan</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 14...      | 1520 | QC - Artificial, source blank           | 2                                                                            | --                                                         | <.04                                                        | --                                                     | .005                                                    | --                                                         | --                                                         |
| 14...      | 1530 | QC - Artificial, field blank            | 3                                                                            | <.04                                                       | <.04                                                        | <.003                                                  | .003                                                    | <.002                                                      | <.002                                                      |
| <b>Feb</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 05...      | 1720 | QC - Artificial, source blank           | 3                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 05...      | 1730 | QC - Artificial, field blank            | 4                                                                            | <.04                                                       | <.04                                                        | .006                                                   | .003                                                    | <.002                                                      | .003                                                       |
| <b>Apr</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 04...      | 1130 | QC - Artificial, source blank           | 2                                                                            | --                                                         | U                                                           | --                                                     | .004                                                    | --                                                         | --                                                         |
| 04...      | 1140 | QC - Artificial, field blank            | 3                                                                            | <.04                                                       | U                                                           | <.003                                                  | .004                                                    | .002                                                       | <.002                                                      |
| <b>May</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 06...      | 1640 | QC - Artificial, source blank           | 0                                                                            | --                                                         | .04                                                         | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 06...      | 1650 | QC - Artificial, field blank            | 0                                                                            | <.04                                                       | <.04                                                        | .006                                                   | <.003                                                   | .002                                                       | .003                                                       |
| 28...      | 1530 | QC - Artificial, source blank           | 2                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 28...      | 1540 | QC - Artificial, field blank            | 3                                                                            | <.04                                                       | <.04                                                        | <.003                                                  | <.003                                                   | <.002                                                      | <.002                                                      |
| 28...      | 1630 | QC - Artificial, source blank           | 1                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 28...      | 1640 | QC - Artificial, field blank            | 2                                                                            | .07                                                        | U                                                           | <.003                                                  | <.003                                                   | <.002                                                      | <.002                                                      |
| <b>Jul</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 08...      | 1040 | QC - Artificial, source blank           | 2                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 08...      | 1050 | QC - Artificial, field blank            | 2                                                                            | <.04                                                       | <.04                                                        | <.003                                                  | <.003                                                   | <.002                                                      | <.002                                                      |
| <b>Aug</b> |      |                                         |                                                                              |                                                            |                                                             |                                                        |                                                         |                                                            |                                                            |
| 06...      | 1630 | QC - Artificial, source blank           | 2                                                                            | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 06...      | 1635 | QC - Artificial, source blank replicate | --                                                                           | --                                                         | <.04                                                        | --                                                     | <.003                                                   | --                                                         | --                                                         |
| 06...      | 1640 | QC - Artificial, field blank            | 2                                                                            | U                                                          | <.04                                                        | <.003                                                  | <.003                                                   | <.002                                                      | <.002                                                      |
| 06...      | 1645 | QC - Artificial, field blank replicate  | --                                                                           | .05                                                        | <.04                                                        | <.003                                                  | .004                                                    | <.002                                                      | <.002                                                      |

## 103367309999 Lake Tahoe Interagency Monitoring Program Quality Assurance For Nevada Stations—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 2

[QC, quality control sample. Remark codes: &lt;, less than; U, analyzed for but not detected.]

| Date       | Nitrate<br>+<br>nitrite<br>water<br>unfltrd<br>mg/L<br>as N<br>(00630) | Nitrate<br>+<br>nitrite<br>water<br>unfltrd<br>mg/L<br>as N<br>(99910) | Ortho-<br>phos-<br>phate,<br>water,<br>fltrd,<br>mg/L<br>as P<br>(00671) | Ortho-<br>phos-<br>phate,<br>water,<br>unfltrd<br>mg/L<br>as P<br>(70507) | Phos-<br>phorus,<br>water,<br>fltrd,<br>mg/L<br>as P<br>(00666) | Phos-<br>phorus,<br>water,<br>unfltrd<br>mg/L<br>as P<br>(00665) | Iron<br>(bio<br>reac-<br>tive),<br>water,<br>fltrd,<br>µg/L<br>(63673) | Iron<br>(bio<br>reac-<br>tive),<br>water,<br>unfltrd<br>µg/L<br>(46568) |
|------------|------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Oct</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 01...      | --                                                                     | .002                                                                   | --                                                                       | <.001                                                                     | --                                                              | .002                                                             | --                                                                     | 5                                                                       |
| 01...      | --                                                                     | .008                                                                   | <.001                                                                    | <.001                                                                     | <.002                                                           | .002                                                             | 6                                                                      | 7                                                                       |
| <b>Nov</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 06...      | --                                                                     | .002                                                                   | --                                                                       | <.001                                                                     | --                                                              | .003                                                             | --                                                                     | 4                                                                       |
| 06...      | --                                                                     | .002                                                                   | <.001                                                                    | <.001                                                                     | <.002                                                           | .002                                                             | 3                                                                      | 3                                                                       |
| <b>Jan</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 14...      | <.002                                                                  | <.002                                                                  | --                                                                       | <.001                                                                     | --                                                              | .005                                                             | --                                                                     | <3                                                                      |
| 14...      | <.002                                                                  | <.002                                                                  | <.001                                                                    | <.001                                                                     | .003                                                            | .005                                                             | <3                                                                     | 4                                                                       |
| <b>Feb</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 05...      | <.002                                                                  | <.002                                                                  | --                                                                       | .001                                                                      | --                                                              | .009                                                             | --                                                                     | 4                                                                       |
| 05...      | <.002                                                                  | .003                                                                   | <.001                                                                    | .001                                                                      | <.002                                                           | .006                                                             | 4                                                                      | 3                                                                       |
| <b>Apr</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 04...      | .002                                                                   | <.002                                                                  | --                                                                       | <.001                                                                     | --                                                              | .005                                                             | --                                                                     | <3                                                                      |
| 04...      | .003                                                                   | <.002                                                                  | .001                                                                     | .001                                                                      | .004                                                            | .005                                                             | 3                                                                      | 5                                                                       |
| <b>May</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 06...      | <.002                                                                  | <.002                                                                  | --                                                                       | <.001                                                                     | --                                                              | .098                                                             | --                                                                     | <3                                                                      |
| 06...      | <.002                                                                  | .002                                                                   | <.001                                                                    | <.001                                                                     | .005                                                            | .007                                                             | <3                                                                     | <3                                                                      |
| 28...      | <.002                                                                  | <.002                                                                  | --                                                                       | <.001                                                                     | --                                                              | .009                                                             | --                                                                     | <3                                                                      |
| 28...      | <.002                                                                  | <.002                                                                  | <.001                                                                    | <.001                                                                     | <.002                                                           | .009                                                             | 4                                                                      | 5                                                                       |
| 28...      | <.002                                                                  | <.002                                                                  | --                                                                       | <.001                                                                     | --                                                              | .004                                                             | --                                                                     | <3                                                                      |
| 28...      | <.002                                                                  | <.002                                                                  | <.001                                                                    | <.001                                                                     | .002                                                            | .010                                                             | 3                                                                      | 4                                                                       |
| <b>Jul</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 08...      | .002                                                                   | <.002                                                                  | --                                                                       | <.001                                                                     | --                                                              | .004                                                             | --                                                                     | <3                                                                      |
| 08...      | .003                                                                   | .002                                                                   | U                                                                        | <.001                                                                     | .002                                                            | .004                                                             | <3                                                                     | <3                                                                      |
| <b>Aug</b> |                                                                        |                                                                        |                                                                          |                                                                           |                                                                 |                                                                  |                                                                        |                                                                         |
| 06...      | <.002                                                                  | <.002                                                                  | --                                                                       | .002                                                                      | --                                                              | --                                                               | --                                                                     | <3                                                                      |
| 06...      | <.002                                                                  | <.002                                                                  | --                                                                       | .003                                                                      | --                                                              | --                                                               | --                                                                     | <3                                                                      |
| 06...      | <.002                                                                  | <.002                                                                  | <.001                                                                    | .003                                                                      | .004                                                            | .005                                                             | <3                                                                     | <3                                                                      |
| 06...      | <.002                                                                  | <.002                                                                  | .003                                                                     | .004                                                                      | .004                                                            | .005                                                             | <3                                                                     | <3                                                                      |