

wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of material verified, but not quantified, <--Less than

| USGS Station Name                            | USGS Station ID | Date        | Time | Dis-charge, instan-eous cfs (00061) | Turbidity white light, det ang 90+/-30 corrcrtd NTRU (63676) | Turbidity, wu, lab, Hach 2100AN NTU (99872) | Dissolved oxygen, wu, mg/L (00300) | Dissolved oxygen, wu, % of saturation | pH standard units (00400) | Specific conduct-ance uS/cm @ 25C (00095) | Temper-ature, air degrees C (00020) | Temper-ature, water degrees C (00010) | Hardness, wu, mg/L as CaCO3 (00900) | Calcium, wf mg/L (00915) |
|--|-----------------|-------------|------|-------------------------------------|--|---|------------------------------------|---------------------------------------|---------------------------|---|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------|
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Mar 18 2004 | 1300 | 21                                  |  | <2.0  |                                    |                                       | 8.6                       | 222                                       | 14                                  | 4                                     | 120                                 | 27.1                     |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Apr 13 2004 | 0800 | 77                                  |  | <2.0  |                                    |                                       | 8                         | 193                                       | 6                                   | 4.5                                   | 93                                  | 22.1                     |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | May 25 2004 | 0930 | 129                                 |  | <2.0  | 10.4                               | 96                                    | 7.8                       | 174                                       | 7                                   | 4.5                                   | 87                                  | 21.1                     |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Jul 13 2004 | 0930 | 31                                  |  | <2.0  | 9.4                                | 100                                   | 8.2                       | 234                                       | 23                                  | 10.5                                  | 120                                 | 29.1                     |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Aug 23 2004 | 0930 | 40                                  |  | <2.0  | 9                                  | 97                                    | 8.2                       | 222                                       | 7                                   | 10.5                                  | 110                                 | 26.4                     |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Nov 9 2004  | 0830 | 18                                  | <2.0   |   | 11.6                               | 99                                    | 8                         | 251                                       | 2                                   | 1.5                                   | 130                                 | 31.1                     |
| Landers Fork near Lincoln MT                 | 12334680        | Mar 18 2004 | 1200 | 17                                  |  | <2.0  |                                    |                                       | 8.5                       | 252                                       | 12                                  | 5.5                                   | 140                                 | 34.9                     |
| Landers Fork near Lincoln MT                 | 12334680        | Apr 13 2004 | 0930 | 188                                 |  | <2.0  |                                    |                                       | 8.3                       | 211                                       | 6                                   | 4.5                                   | 110                                 | 29.7                     |
| Landers Fork near Lincoln MT                 | 12334680        | May 25 2004 | 1100 | 318                                 |  | <2.0  | 11.5                               | 107                                   | 8                         | 206                                       | 9.5                                 | 5                                     | 120                                 | 29.4                     |
| Landers Fork near Lincoln MT                 | 12334680        | Jul 13 2004 | 1155 | 190                                 |  | <2.0  | 9.5                                | 99                                    | 8.1                       | 222                                       | 27                                  | 11                                    | 120                                 | 31.4                     |
| Landers Fork near Lincoln MT                 | 12334680        | Aug 23 2004 | 1100 | 112                                 |  |   | 190                                | 94                                    | 8.5                       | 226                                       | 7                                   | 10                                    | 120                                 | 31.1                     |
| Landers Fork near Lincoln MT                 | 12334680        | Nov 9 2004  | 1000 | 51                                  | <2.0   |   | 11.4                               | 101                                   | 8.1                       | 244                                       | 4                                   | 3                                     | 130                                 | 33.5                     |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Mar 18 2004 | 1030 | 85                                  |  | <2.0  |                                    |                                       | 8.4                       | 309                                       | 10                                  | 4                                     | 170                                 | 46                       |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Apr 13 2004 | 1045 | 224                                 |  | 3.2   |                                    |                                       | 8.2                       | 253                                       | 8.5                                 | 5                                     | 140                                 | 37.9                     |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | May 25 2004 | 1250 | 577                                 |  | <2.0  | 10.8                               | 107                                   | 8.1                       | 233                                       | 12                                  | 8                                     | 130                                 | 33.6                     |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Jul 13 2004 | 1315 | 312                                 |  | <2.0  | 9                                  | 104                                   | 8.3                       | 263                                       | 29                                  | 14.5                                  | 150                                 | 39                       |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Aug 23 2004 | 1200 | 232                                 |  |   | 8.9                                | 95                                    | 8.4                       | 268                                       | 9                                   | 10.5                                  | 150                                 | 38.5                     |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Nov 9 2004  | 1130 | 105                                 | <2.0   |   | 11.2                               | 102                                   | 8                         | 305                                       | 6                                   | 4.5                                   | 160                                 | 45.3                     |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Oct 6 2003  | 1145 | 151                                 |  |   |                                    |                                       |                           | 304                                       | 18                                  | 9.5                                   |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Nov 19 2003 | 1120 | 153                                 |  |   |                                    |                                       |                           | 307                                       | 15                                  | 3.5                                   |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Dec 2 2003  | 1330 | 154                                 |  | 7.3   |                                    |                                       | 8.2                       | 294                                       | 5                                   | 3                                     |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Jan 12 2004 | 1045 | 129                                 |  |   |                                    |                                       |                           | 317                                       | -3                                  | 0                                     |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Feb 19 2004 | 1300 | 121                                 |  |   |                                    |                                       |                           | 301                                       | 2.5                                 | 3.5                                   |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Mar 11 2004 | 1530 | 182                                 |  | 3.1   |                                    |                                       | 8.2                       | 259                                       | 10                                  | 5.5                                   | 140                                 | 37.8                     |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Mar 31 2004 | 1028 | 146                                 |  |   |                                    |                                       |                           | 308                                       | 9                                   | 8                                     |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Apr 13 2004 | 1215 | 245                                 |  | 2.9   |                                    |                                       | 8.4                       | 271                                       | 16                                  | 9.5                                   | 150                                 | 39.1                     |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | May 19 2004 | 1110 | 530                                 |  |   |                                    |                                       |                           | 250                                       | 12                                  | 8.5                                   |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | May 26 2004 | 1645 | 648                                 |  | 7.7   | 9.5                                | 98                                    | 8.4                       | 236                                       | 12.5                                | 10                                    | 130                                 | 35.5                     |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Jun 30 2004 | 1540 | 562                                 |  |   |                                    |                                       |                           | 250                                       | 28                                  | 18                                    |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Jul 14 2004 | 1330 | 340                                 |  | <2.0  | 8.1                                | 100                                   | 8.5                       | 272                                       | 30                                  | 18                                    | 150                                 | 39.6                     |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Aug 18 2004 | 1300 | 166                                 |  |   |                                    |                                       |                           | 290                                       | 18                                  | 17.5                                  |                                     |                          |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Aug 23 2004 | 1400 | 231                                 |  | 5.6   | 8.6                                | 98                                    | 8.5                       | 287                                       | 12.5                                | 14                                    | 160                                 | 40.4                     |
| Blackfoot R ab Nevada Cr nr Helmvile MT      | 12335100        | Sep 30 2004 | 1050 | 186                                 |  |   |                                    |                                       |                           | 300                                       | 9                                   | 9.5                                   |                                     |                          |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Oct 6 2003  | 0900 | 7.8                                 |  |   |                                    |                                       |                           | 273                                       | 11                                  | 6                                     |                                     |                          |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Nov 20 2003 | 1245 | 18                                  |  |   |                                    |                                       |                           | 256                                       | 2                                   | 0                                     |                                     |                          |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Dec 2 2003  | 0900 | 11                                  |  | 8.4   |                                    |                                       | 7.7                       | 263                                       | -1                                  | 0.5                                   |                                     |                          |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Jan 12 2004 | 1600 | 11                                  |  |   |                                    |                                       |                           | 275                                       | -3                                  | 0                                     |                                     |                          |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Feb 20 2004 | 1015 | 13                                  |  |   |                                    |                                       |                           | 256                                       | 1.5                                 | 0                                     |                                     |                          |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Mar 10 2004 | 1030 | 146                                 |  | 15  |                                    |                                       | 7.4                       | 115                                       | 0.5                                 | 0                                     | 37                                  | 10.8                     |
| Nevada Cr ab reservoir, nr Helmvile, MT      | 12335500        | Mar 31 2004 | 1450 | 26                                  |  |   |                                    |                                       |                           | 257                                       | 10                                  | 8                                     |                                     |                          |





wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                            | USGS Station ID | Date        | Time | Suspnd sed <63u, percent (70331) | Suspnd sedmnt concent. mg/L (80154) | Suspnd sedmnt load tons/day (80155) |
|--|-----------------|-------------|------|----------------------------------|-------------------------------------|-------------------------------------|
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Mar 18 2004 | 1300 | 54                               | 2                                   | 0.11                                |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Apr 13 2004 | 0800 | 84                               | 4                                   | 0.83                                |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | May 25 2004 | 0930 | 72                               | 5                                   | 1.7                                 |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Jul 13 2004 | 0930 | 80                               | 1                                   | 0.08                                |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Aug 23 2004 | 0930 | 81                               | 3                                   | 0.32                                |
| Blackfoot River bl Alice Cr nr Lincoln MT    | 12334650        | Nov 9 2004  | 0830 | 75                               | 1                                   | 0.05                                |
| Landers Fork near Lincoln MT                 | 12334680        | Mar 18 2004 | 1200 | 75                               | 1                                   | 0.05                                |
| Landers Fork near Lincoln MT                 | 12334680        | Apr 13 2004 | 0930 | 77                               | 6                                   | 3                                   |
| Landers Fork near Lincoln MT                 | 12334680        | May 25 2004 | 1100 | 73                               | 5                                   | 4.3                                 |
| Landers Fork near Lincoln MT                 | 12334680        | Jul 13 2004 | 1155 | 84                               | 7                                   | 3.6                                 |
| Landers Fork near Lincoln MT                 | 12334680        | Aug 23 2004 | 1100 | 98                               | 298                                 | 90                                  |
| Landers Fork near Lincoln MT                 | 12334680        | Nov 9 2004  | 1000 | 83                               | 2                                   | 0.28                                |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Mar 18 2004 | 1030 | 73                               | 3                                   | 0.69                                |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Apr 13 2004 | 1045 | 84                               | 17                                  | 10                                  |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | May 25 2004 | 1250 | 66                               | 9                                   | 14                                  |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Jul 13 2004 | 1315 | 89                               | 6                                   | 5.1                                 |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Aug 23 2004 | 1200 | 94                               | 25                                  | 16                                  |
| BlackfootR at Dalton Mtn Rd br nr Lincoln MT | 12334800        | Nov 9 2004  | 1130 | 44                               | 4                                   | 1.1                                 |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Oct 6 2003  | 1145 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Nov 19 2003 | 1120 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Dec 2 2003  | 1330 | 53                               | 12                                  | 5                                   |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Jan 12 2004 | 1045 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Feb 19 2004 | 1300 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Mar 11 2004 | 1530 | 91                               | 7                                   | 3.4                                 |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Mar 31 2004 | 1028 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Apr 13 2004 | 1215 | 88                               | 9                                   | 6                                   |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | May 19 2004 | 1110 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | May 26 2004 | 1645 | 67                               | 25                                  | 44                                  |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Jun 30 2004 | 1540 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Jul 14 2004 | 1330 | 81                               | 5                                   | 4.6                                 |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Aug 18 2004 | 1300 |                                  |                                     |                                     |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Aug 23 2004 | 1400 | 96                               | 12                                  | 7.5                                 |
| Blackfoot R ab Nevada Cr nr Helmsville MT    | 12335100        | Sep 30 2004 | 1050 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Oct 6 2003  | 0900 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Nov 20 2003 | 1245 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Dec 2 2003  | 0900 | 97                               | 9                                   | 0.27                                |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Jan 12 2004 | 1600 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Feb 20 2004 | 1015 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Mar 10 2004 | 1030 | 68                               | 44                                  | 17                                  |
| Nevada Cr ab reservoir, nr Helmsville, MT    | 12335500        | Mar 31 2004 | 1450 |                                  |                                     |                                     |



wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                              | USGS Station ID | Date        | Time | Magnesium, wf mg/L (00925) | Ammonia, wf, mg/L as N (00608) | NO2+NO3, wf mg/ as N (00631) | Nitrite, wf mg/L as N (00613) | Ortho-phosphate, mg/L as P (00671) | Phosphorus, wu mg/L (00665) | Total nitrogen wu, mg/L as N (62855) | Aluminum, wf, ug/L (01106) | Arsenic, wf ug/L (01000) | Arsenic, wu ug/L (01002) | Cadmium, wf, ug/L (01025) |
|--|-----------------|-------------|------|----------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------------|-----------------------------|--------------------------------------|----------------------------|--------------------------|--------------------------|---------------------------|
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Apr 13 2004 | 1445 | 8.12                       | <.010                          | <.016                        | <.002                         | 0.017                              | 0.036                       | 0.21                                 | E1                         |                          | 4                        |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 5 2004  | 1020 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 19 2004 | 1445 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 27 2004 | 1400 | 8.64                       | <.010                          | <.016                        | E.001                         | 0.024                              | 0.056                       | 0.38                                 | 2                          |                          | 4                        |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 1 2004  | 1230 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 14 2004 | 1600 | 10.6                       | E.005                          | E.011                        | <.002                         | 0.028                              | 0.062                       | 0.36                                 | E1                         |                          | 5                        |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 27 2004 | 0930 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Aug 25 2004 | 1330 | 10.7                       | <.010                          | <.016                        | <.002                         | 0.033                              | 0.059                       | 0.23                                 | M                          |                          | 6                        |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Aug 31 2004 | 1450 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Sep 30 2004 | 1300 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Dec 2 2003  | 1030 |                            |                                | 0.058                        | 0.005                         | E.003                              | 0.102                       | 0.67                                 |                            |                          |                          |                           |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Mar 10 2004 | 1130 | 9.18                       | 0.105                          | 0.12                         | 0.004                         | 0.029                              | 0.109                       | 0.49                                 | M                          |                          | 5                        |                           |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Apr 14 2004 | 1900 | 7.74                       | 0.029                          | 0.017                        | E.001                         | 0.023                              | 0.117                       | 0.69                                 | M                          |                          | 5                        |                           |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | May 27 2004 | 1140 | 7.38                       | <.010                          | <.016                        | E.001                         | 0.011                              | 0.095                       | 0.24                                 | E1                         |                          | 3                        |                           |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Jul 14 2004 | 1445 | 8.02                       | 0.129                          | 0.029                        | 0.007                         | 0.054                              | 0.162                       | 0.76                                 | M                          |                          | 8                        |                           |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Aug 25 2004 | 1145 | 7.93                       | 0.295                          | 0.122                        | 0.017                         | 0.072                              | 0.154                       | 1.07                                 | E1                         |                          | 11                       |                           |

wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                              | USGS Station ID | Date        | Time | Cadmium, wu ug/L (01027) | Copper, wf, ug/L (01040) | Copper wu,rec ug/L (01042) | Iron, wf ug/L (01046) | Iron, wu, rec ug/L (01045) | Lead, wf, ug/L (01049) | Lead, wu,rec ug/L (01051) | Manga-nese, wf ug/L (01056) | Manga-nese, wu,re ug/L (01055 ) | Zinc, wf, ug/L (01090) | Zinc, wu, re, ug/L (01092) |
|--|-----------------|-------------|------|--------------------------|--------------------------|----------------------------|-----------------------|----------------------------|------------------------|---------------------------|-----------------------------|---------------------------------|------------------------|----------------------------|
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Apr 13 2004 | 1445 | <.04                     |                          | 1.1                        |                       | 310                        |                        | 0.12                      |                             | 45                              |                        | <2                         |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 5 2004  | 1020 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 19 2004 | 1445 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 27 2004 | 1400 | <.04                     |                          | 1.9                        |                       | 270                        |                        | 0.18                      |                             | 37                              |                        | <2                         |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 1 2004  | 1230 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 14 2004 | 1600 | <.04                     |                          | 1.1                        |                       | 290                        |                        | 0.13                      |                             | 64                              |                        | E1                         |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 27 2004 | 0930 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Aug 25 2004 | 1330 | <.04                     |                          | 1                          |                       | 260                        |                        | 0.07                      |                             | 42                              |                        | <2                         |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Aug 31 2004 | 1450 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Sep 30 2004 | 1300 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Dec 2 2003  | 1030 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Mar 10 2004 | 1130 | <.04                     |                          | 1.8                        |                       | 700                        |                        | 0.2                       |                             | 466                             |                        | E1                         |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Apr 14 2004 | 1900 | <.04                     |                          | 1.6                        |                       | 690                        |                        | 0.45                      |                             | 507                             |                        | E2                         |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | May 27 2004 | 1140 | <.04                     |                          | 2                          |                       | 620                        |                        | 0.47                      |                             | 166                             |                        | E2                         |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Jul 14 2004 | 1445 | <.04                     |                          | 1.2                        |                       | 580                        |                        | 0.32                      |                             | 356                             |                        | E1                         |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Aug 25 2004 | 1145 | <.04                     |                          | 1.7                        |                       | 710                        |                        | 0.69                      |                             | 92                              |                        | 2                          |

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| USGS Station Name                              | USGS Station ID | Date        | Time | Suspnd sed <63u, percent (70331) | Suspnd sedmnt concent. mg/L (80154) | Suspnd sedmnt load tons/day (80155) |
|--|-----------------|-------------|------|----------------------------------|-------------------------------------|-------------------------------------|
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Apr 13 2004 | 1445 | 92                               | 7                                   | 0.53                                |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 5 2004  | 1020 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 19 2004 | 1445 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | May 27 2004 | 1400 | 80                               | 8                                   | 1.1                                 |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 1 2004  | 1230 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 14 2004 | 1600 | 89                               | 7                                   | 0.25                                |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Jul 27 2004 | 0930 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Aug 25 2004 | 1330 | 90                               | 4                                   | 0.09                                |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Aug 31 2004 | 1450 |                                  |                                     |                                     |
| Nevada Cr ab reservoir, nr Helmsville, MT      | 12335500        | Sep 30 2004 | 1300 |                                  |                                     |                                     |
|  |                 |             |      |                                  |                                     |                                     |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Dec 2 2003  | 1030 | 99                               | 28                                  | 0.37                                |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Mar 10 2004 | 1130 | 95                               | 11                                  | 0.15                                |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Apr 14 2004 | 1900 | 95                               | 24                                  | 0.42                                |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | May 27 2004 | 1140 | 97                               | 22                                  | 3.7                                 |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Jul 14 2004 | 1445 | 96                               | 18                                  | 1.1                                 |
| Nevada Creek below reservoir nr Helmsville, MT | 12336600        | Aug 25 2004 | 1145 | 99                               | 26                                  | 2.7                                 |
|  |                 |             |      |                                  |                                     |                                     |



wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                                | USGS Station ID | Date        | Time | Magnesium, wf mg/L (00925) | Ammonia, wf, mg/L as N (00608) | NO2+NO3, wf mg/ as N (00631) | Nitrite, wf mg/L as N (00613) | Ortho-phosphate, mg/L as P (00671) | Phosphorus, wu mg/L (00665) | Total nitrogen wu, mg/L as N (62855) | Aluminum, wf, ug/L (01106) | Arsenic, wf ug/L (01000) | Arsenic, wu ug/L (01002) | Cadmium, wf, ug/L (01025) |
|--|-----------------|-------------|------|----------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------------|-----------------------------|--------------------------------------|----------------------------|--------------------------|--------------------------|---------------------------|
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Oct 7 2003  | 0855 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Nov 20 2003 | 1010 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Dec 2 2003  | 1200 |                            |                                | 0.151                        | 0.003                         | 0.063                              | 0.106                       | 0.49                                 |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jan 9 2004  | 1545 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Feb 19 2004 | 1130 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Mar 10 2004 | 1330 | 5.9                        | 0.868                          | 0.147                        | 0.013                         | 0.449                              | 0.97                        | 3.64                                 | 3                          |                          | 5                        |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Mar 31 2004 | 1240 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Apr 14 2004 | 1700 | 12.5                       | 0.016                          | 0.018                        | 0.002                         | 0.089                              | 0.175                       | 0.55                                 | M                          |                          | 5                        |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | May 5 2004  | 1105 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | May 19 2004 | 0855 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | May 26 2004 | 1530 | 17                         | <.010                          | <.016                        | <.002                         | 0.112                              | 0.191                       | 0.69                                 | E1                         |                          | 6                        |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jul 1 2004  | 1020 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jul 14 2004 | 1140 | 14.7                       | <.010                          | <.016                        | <.002                         | 0.052                              | 0.087                       | 0.44                                 | E1                         |                          | 5                        |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jul 27 2004 | 1250 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Aug 18 2004 | 1030 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Aug 24 2004 | 0930 | 14.5                       | E.008                          | <.016                        | E.001                         | 0.039                              | 0.084                       | 0.49                                 | E1                         |                          | 7                        |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Aug 31 2004 | 1155 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Sep 30 2004 | 0915 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Dec 3 2003  | 0915 |                            |                                | 0.027                        | E.001                         | 0.008                              | 0.023                       | 0.17                                 |                            |                          |                          |                           |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Mar 11 2004 | 1400 | 10.3                       | 1.14                           | 0.08                         | 0.006                         | 0.648                              | 0.86                        | 2.82                                 | M                          |                          | 5                        |                           |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Apr 13 2004 | 1315 | 11.4                       | <.010                          | <.016                        | <.002                         | 0.011                              | 0.031                       | 0.17                                 | M                          |                          | 4                        |                           |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | May 26 2004 | 1340 | 11.4                       | <.010                          | <.016                        | <.002                         | 0.006                              | 0.029                       | 0.11                                 | E1                         |                          | E2                       |                           |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Jul 14 2004 | 1000 | 11.7                       | <.010                          | <.016                        | <.002                         | E.004                              | 0.013                       | 0.09                                 | 4                          |                          | E1                       |                           |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Aug 23 2004 | 1600 | 13.4                       | <.010                          | <.016                        | <.002                         | E.003                              | 0.023                       | 0.15                                 | 13                         |                          | 3                        |                           |



wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                                | USGS Station ID | Date        | Time | Suspnd sed <63u, percent (70331) | Suspnd sedmnt concent. mg/L (80154) | Suspnd sedmnt load tons/day (80155) |
|--|-----------------|-------------|------|----------------------------------|-------------------------------------|-------------------------------------|
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Oct 7 2003  | 0855 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Nov 20 2003 | 1010 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Dec 2 2003  | 1200 | 99                               | 21                                  | 1.5                                 |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jan 9 2004  | 1545 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Feb 19 2004 | 1130 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Mar 10 2004 | 1330 | 91                               | 292                                 | 246                                 |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Mar 31 2004 | 1240 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Apr 14 2004 | 1700 | 99                               | 43                                  | 3.6                                 |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | May 5 2004  | 1105 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | May 19 2004 | 0855 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | May 26 2004 | 1530 | 98                               | 30                                  | 3.2                                 |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jul 1 2004  | 1020 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jul 14 2004 | 1140 | 99                               | 6                                   | 0.44                                |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Jul 27 2004 | 1250 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Aug 18 2004 | 1030 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Aug 24 2004 | 0930 | 96                               | 6                                   | 0.47                                |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Aug 31 2004 | 1155 |                                  |                                     |                                     |
| Nevada Creek at mouth nr Helmsville, MT          | 12337800        | Sep 30 2004 | 0915 |                                  |                                     |                                     |
|  |                 |             |      |                                  |                                     |                                     |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Dec 3 2003  | 0915 | 95                               | 11                                  | 5.3                                 |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Mar 11 2004 | 1400 | 94                               | 52                                  | 57                                  |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Apr 13 2004 | 1315 | 93                               | 14                                  | 11                                  |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | May 26 2004 | 1340 | 91                               | 21                                  | 41                                  |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Jul 14 2004 | 1000 | 94                               | 4                                   | 4                                   |
| Blackfoot River at Raymond Bridge, nr Ovando, MT | 12337820        | Aug 23 2004 | 1600 | 89                               | 10                                  | 8.1                                 |
|  |                 |             |      |                                  |                                     |                                     |

wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of material verified, but not quantified, <--Less than

| USGS Station Name                           | USGS Station ID | Date        | Time | Dis-charge, instan-eous cfs (00061) | Turbidity white light, det ang 90+/-30 corrcrtd NTRU (63676) | Turbidity, wu, lab, Hach 2100AN NTU (99872) | Dissolved oxygen, wu, mg/L (00300) | Dissolved oxygen, wu, % of saturation | pH standard units (00400) | Specific conduct-ance uS/cm @ 25C (00095) | Temper-ature, air degrees C (00020) | Temper-ature, water degrees C (00010) | Hardness, wu, mg/L as CaCO3 (00900) | Calcium, wf mg/L (00915) |
|---|-----------------|-------------|------|-------------------------------------|--|---|------------------------------------|---------------------------------------|---------------------------|---|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------|
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Oct 6 2003  | 1455 | 146                                 |  |   |                                    |                                       |                           | 269                                       | 27.5                                | 12.5                                  |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Nov 19 2003 | 1355 | 120                                 |  |   |                                    |                                       |                           | 268                                       | 19.5                                | 8                                     |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jan 12 2004 | 1415 | 90                                  |  |   |                                    |                                       |                           | 213                                       | 5                                   | 2.5                                   |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Feb 19 2004 | 1440 | 81                                  |  |   |                                    |                                       |                           | 266                                       | 5                                   | 6.5                                   |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Mar 11 2004 | 1230 | 86                                  |  | <2.0  |                                    |                                       | 8.1                       | 254                                       |                                     | 7.5                                   | 140                                 | 32.1                     |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Mar 31 2004 | 0745 | 142                                 |  |   |                                    |                                       |                           | 265                                       | 3                                   | 5                                     |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Apr 14 2004 | 1530 | 768                                 |  | 8.1   |                                    |                                       | 8.2                       | 189                                       | 12.5                                | 7                                     | 99                                  | 25.3                     |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 5 2004  | 1530 | 1670                                |  |   |                                    |                                       |                           | 155                                       | 20                                  | 8.5                                   |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 18 2004 | 1945 | 732                                 |  |   |                                    |                                       |                           | 190                                       | 9                                   | 6.5                                   |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 26 2004 | 1220 | 888                                 |  | <2.0  | 10.9                               | 104                                   | 8.3                       | 177                                       | 10                                  | 6.5                                   | 94                                  | 24.8                     |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jul 1 2004  | 0805 | 689                                 |  |   |                                    |                                       |                           | 190                                       | 15                                  | 10.5                                  |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jul 14 2004 | 0830 | 374                                 |  | <2.0  | 9.6                                | 98                                    | 8.2                       | 230                                       | 23                                  | 10                                    | 120                                 | 27.8                     |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Aug 18 2004 | 0845 | 210                                 |  |   |                                    |                                       |                           | 255                                       | 14                                  | 11                                    |                                     |                          |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Aug 23 2004 | 1700 | 248                                 |  | <2.0  | 9.7                                | 102                                   | 8.5                       | 250                                       | 13                                  | 10.5                                  | 140                                 | 32.9                     |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Nov 9 2004  | 1330 | 177                                 | <2.0   |   | 10.6                               | 100                                   | 8.3                       | 254                                       | 8                                   | 6.5                                   | 140                                 | 32.6                     |
| Monture Creek near Ovando MT                | 12338690        | Dec 3 2003  | 1115 | 50                                  |  | 5   |                                    |                                       | 8                         | 188                                       | 4                                   | 1.5                                   |                                     |                          |
| Monture Creek near Ovando MT                | 12338690        | Mar 18 2004 | 0900 | 90                                  |  | 3.7   |                                    |                                       | 8.3                       | 220                                       | 7                                   | 2                                     | 110                                 | 27                       |
| Monture Creek near Ovando MT                | 12338690        | Apr 14 2004 | 1400 | 613                                 |  | 5   |                                    |                                       | 7.8                       | 85  | 13.5                                | 6                                     | 41                                  | 10.1                     |
| Monture Creek near Ovando MT                | 12338690        | May 26 2004 | 1100 | 460                                 |  | 2   | 11.1                               | 105                                   | 7.9                       | 96  | 11                                  | 6.5                                   | 49                                  | 12.4                     |
| Monture Creek near Ovando MT                | 12338690        | Jul 13 2004 | 1530 | 136                                 |  | <2.0  | 9.5                                | 114                                   | 8.5                       | 151                                       | 31                                  | 17                                    | 72                                  | 17.5                     |
| Monture Creek near Ovando MT                | 12338690        | Aug 24 2004 | 1540 | 74                                  |  | <2.0  | 10.4                               | 111                                   | 8.5                       | 190                                       | 18                                  | 11.5                                  | 100                                 | 24.8                     |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Dec 3 2003  | 1400 | 380                                 |  | 13  |                                    |                                       | 8.8                       | 273                                       | 4                                   | 1                                     |                                     |                          |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Mar 11 2004 | 1100 | 557                                 |  | 20  |                                    |                                       | 8                         | 246                                       | 7                                   | 2                                     | 110                                 | 29                       |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Apr 14 2004 | 1200 | 1720                                |  | 12  |                                    |                                       | 8.3                       | 152                                       | 9                                   | 4                                     | 78                                  | 19.9                     |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | May 25 2004 | 1715 | 2090                                |  | 2.9   | 10.8                               | 111                                   | 8.5                       | 170                                       | 17                                  | 10                                    | 93                                  | 24.6                     |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Jul 13 2004 | 1650 | 950                                 |  | <2.0  | 9.5                                | 119                                   | 8.6                       | 221                                       | 34                                  | 19                                    | 120                                 | 30.1                     |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Aug 24 2004 | 1350 | 621                                 |  | <2.0  | 10.2                               | 110                                   | 8.4                       | 261                                       | 14.5                                | 12                                    | 150                                 | 36.9                     |
| Clearwater River at Clearwater MT           | 12339500        | Dec 3 2003  | 1230 | 103                                 |  | 3.2   |                                    |                                       | 8.5                       | 155                                       | 4                                   | 1                                     |                                     |                          |
| Clearwater River at Clearwater MT           | 12339500        | Mar 11 2004 | 0900 | 81                                  |  | <2.0  |                                    |                                       | 7.6                       | 155                                       | 4.5                                 | 2.5                                   | 83                                  | 21.9                     |
| Clearwater River at Clearwater MT           | 12339500        | Apr 14 2004 | 0930 | 835                                 |  | <2.0  |                                    |                                       | 7.7                       | 121                                       | 7                                   | 6                                     | 60                                  | 16                       |
| Clearwater River at Clearwater MT           | 12339500        | May 25 2004 | 1500 | 637                                 |  | <2.0  | 9.5                                | 104                                   | 8.1                       | 113                                       | 16                                  | 13                                    | 58                                  | 16.1                     |
| Clearwater River at Clearwater MT           | 12339500        | Jul 13 2004 | 1830 | 132                                 |  | <2.0  | 8.3                                | 111                                   | 8.6                       | 145                                       | 36                                  | 22.5                                  | 67                                  | 18.4                     |
| Clearwater River at Clearwater MT           | 12339500        | Aug 24 2004 | 1200 | 74                                  |  | <2.0  | 9.7                                | 112                                   | 8.3                       | 175                                       | 13.5                                | 15.5                                  | 90                                  | 24.7                     |

wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                           | USGS Station ID | Date        | Time | Magnesium, wf mg/L (00925) | Ammonia, wf, mg/L as N (00608) | NO2+NO3, wf mg/ as N (00631) | Nitrite, wf mg/L as N (00613) | Ortho-phosphate, mg/L as P (00671) | Phosphorus, wu mg/L (00665) | Total nitrogen wu, mg/L as N (62855) | Aluminum, wf, ug/L (01106) | Arsenic, wf ug/L (01000) | Arsenic, wu ug/L (01002) | Cadmium, wf, ug/L (01025) |
|---|-----------------|-------------|------|----------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------------|-----------------------------|--------------------------------------|----------------------------|--------------------------|--------------------------|---------------------------|
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Oct 6 2003  | 1455 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Nov 19 2003 | 1355 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jan 12 2004 | 1415 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Feb 19 2004 | 1440 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Mar 11 2004 | 1230 | 15.2                       | E.009                          | 0.132                        | <.002                         | <.006                              | <.004                       | 0.17                                 | <2                         |                          | E1                       |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Mar 31 2004 | 0745 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Apr 14 2004 | 1530 | 8.67                       | <.010                          | 0.037                        | <.002                         | <.006                              | 0.011                       | 0.14                                 | 5                          |                          | <2                       |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 5 2004  | 1530 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 18 2004 | 1945 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 26 2004 | 1220 | 7.78                       | <.010                          | 0.027                        | <.002                         | <.006                              | E.003                       | 0.16                                 | 7                          |                          | <2                       |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jul 1 2004  | 0805 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jul 14 2004 | 0830 | 11.5                       | <.010                          | 0.059                        | <.002                         | <.006                              | 0.004                       | 0.08                                 | 2                          |                          | <2                       |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Aug 18 2004 | 0845 |                            |                                |                              |                               |                                    |                             |                                      |                            |                          |                          |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Aug 23 2004 | 1700 | 14.2                       | <.010                          | 0.079                        | E.001                         | <.006                              | <.004                       | 0.1                                  | E1                         |                          | E1                       |                           |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Nov 9 2004  | 1330 | 13.5                       | <.010                          | 0.079                        | E.001                         | 0.011                              | E.002                       | 0.11                                 | <2                         |                          | <2                       |                           |
| Monture Creek near Ovando MT                | 12338690        | Dec 3 2003  | 1115 |                            |                                | 0.056                        | E.001                         | <.006                              | E.004                       | 0.1                                  |                            |                          |                          |                           |
| Monture Creek near Ovando MT                | 12338690        | Mar 18 2004 | 0900 | 10.8                       | 0.029                          | 0.181                        | 0.003                         | 0.006                              | 0.037                       | 0.55                                 | 2                          |                          | <2                       |                           |
| Monture Creek near Ovando MT                | 12338690        | Apr 14 2004 | 1400 | 3.9                        | <.010                          | 0.099                        | <.002                         | E.003                              | 0.026                       | 0.28                                 | 17                         |                          | 2                        |                           |
| Monture Creek near Ovando MT                | 12338690        | May 26 2004 | 1100 | 4.44                       | <.010                          | 0.026                        | E.001                         | <.006                              | 0.01                        | 0.1                                  | 11                         |                          | <2                       |                           |
| Monture Creek near Ovando MT                | 12338690        | Jul 13 2004 | 1530 | 6.75                       | <.010                          | E.014                        | <.002                         | <.006                              | 0.008                       | 0.09                                 | 5                          |                          | <2                       |                           |
| Monture Creek near Ovando MT                | 12338690        | Aug 24 2004 | 1540 | 10.3                       | <.010                          | 0.018                        | E.001                         | <.006                              | 0.006                       | 0.12                                 | 2                          |                          | 2                        |                           |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Dec 3 2003  | 1400 |                            |                                | 0.023                        | E.001                         | <.006                              | E.004                       | 0.07                                 |                            |                          |                          |                           |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Mar 11 2004 | 1100 | 10.1                       | 0.895                          | 0.109                        | 0.006                         | 0.513                              | 0.7                         | 2.43                                 | M                          |                          | 3                        |                           |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Apr 14 2004 | 1200 | 6.78                       | <.010                          | 0.062                        | E.001                         | <.006                              | 0.031                       | 0.26                                 | 9                          |                          | M                        |                           |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | May 25 2004 | 1715 | 7.55                       | <.010                          | E.010                        | E.001                         | <.006                              | 0.012                       | 0.08                                 | 7                          |                          | <2                       |                           |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Jul 13 2004 | 1650 | 11.2                       | <.010                          | <.016                        | <.002                         | <.006                              | 0.008                       | 0.08                                 | 4                          |                          | E1                       |                           |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Aug 24 2004 | 1350 | 13.6                       | <.010                          | E.014                        | E.001                         | <.006                              | 0.008                       | 0.12                                 | 3                          |                          | 2                        |                           |
| Clearwater River at Clearwater MT           | 12339500        | Dec 3 2003  | 1230 |                            |                                | 0.017                        | <.002                         | <.006                              | 0.007                       | 0.15                                 |                            |                          |                          |                           |
| Clearwater River at Clearwater MT           | 12339500        | Mar 11 2004 | 0900 | 6.86                       | E.005                          | 0.039                        | E.001                         | <.006                              | 0.007                       | 0.16                                 | <2                         |                          | <2                       |                           |
| Clearwater River at Clearwater MT           | 12339500        | Apr 14 2004 | 0930 | 4.85                       | E.005                          | E.012                        | E.001                         | <.006                              | 0.01                        | 0.19                                 | 5                          |                          | <2                       |                           |
| Clearwater River at Clearwater MT           | 12339500        | May 25 2004 | 1500 | 4.39                       | <.010                          | E.008                        | E.001                         | <.006                              | 0.011                       | 0.12                                 | 3                          |                          | <2                       |                           |
| Clearwater River at Clearwater MT           | 12339500        | Jul 13 2004 | 1830 | 5.18                       | <.010                          | E.010                        | <.002                         | E.003                              | 0.011                       | 0.16                                 | 2                          |                          | <2                       |                           |
| Clearwater River at Clearwater MT           | 12339500        | Aug 24 2004 | 1200 | 6.96                       | <.010                          | <.016                        | E.001                         | <.006                              | 0.01                        | 0.14                                 | E1                         |                          | E1                       |                           |

wu--Water unfiltered, wf--Water filtered, E--Estimated, M--Presence of

| USGS Station Name                           | USGS Station ID | Date        | Time | Cadmium, wu ug/L (01027) | Copper, wf, ug/L (01040) | Copper wu,rec ug/L (01042) | Iron, wf ug/L (01046) | Iron, wu, rec ug/L (01045) | Lead, wf, ug/L (01049) | Lead, wu,rec ug/L (01051) | Manga-nese, wf ug/L (01056) | Manga-nese, wu,re ug/L (01055 ) | Zinc, wf, ug/L (01090) | Zinc, wu, re, ug/L (01092) |
|---|-----------------|-------------|------|--------------------------|--------------------------|----------------------------|-----------------------|----------------------------|------------------------|---------------------------|-----------------------------|---------------------------------|------------------------|----------------------------|
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Oct 6 2003  | 1455 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Nov 19 2003 | 1355 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jan 12 2004 | 1415 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Feb 19 2004 | 1440 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Mar 11 2004 | 1230 | <.04                     |                          | 0.9                        |                       | 10                         |                        | <.06                      |                             | 2                               |                        | E2                         |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Mar 31 2004 | 0745 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Apr 14 2004 | 1530 | <.04                     |                          | 0.9                        |                       | 110                        |                        | 0.17                      |                             | 6                               |                        | <2                         |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 5 2004  | 1530 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 18 2004 | 1945 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | May 26 2004 | 1220 | <.04                     |                          | 0.8                        |                       | 30                         |                        | E.04                      |                             | 1                               |                        | <2                         |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jul 1 2004  | 0805 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Jul 14 2004 | 0830 | <.04                     |                          | E.4                        |                       | 20                         |                        | E.03                      |                             | 1                               |                        | <2                         |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Aug 18 2004 | 0845 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Aug 23 2004 | 1700 | <.04                     |                          | E.5                        |                       | 30                         |                        | 0.09                      |                             | 2                               |                        | <2                         |
| NF Blackfoot R ab Dry Gulch nr Ovando MT    | 12338300        | Nov 9 2004  | 1330 | <.04                     |                          | 0.6                        |                       | 30                         |                        | E.04                      |                             | 2                               |                        | <2                         |
| Monture Creek near Ovando MT                | 12338690        | Dec 3 2003  | 1115 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Monture Creek near Ovando MT                | 12338690        | Mar 18 2004 | 0900 | <.04                     |                          | 1.4                        |                       | 270                        |                        | 0.09                      |                             | 48                              |                        | <2                         |
| Monture Creek near Ovando MT                | 12338690        | Apr 14 2004 | 1400 | <.04                     |                          | 1.2                        |                       | 290                        |                        | 0.23                      |                             | 20                              |                        | E1                         |
| Monture Creek near Ovando MT                | 12338690        | May 26 2004 | 1100 | <.04                     |                          | 0.8                        |                       | 80                         |                        | E.05                      |                             | 7                               |                        | <2                         |
| Monture Creek near Ovando MT                | 12338690        | Jul 13 2004 | 1530 | <.04                     |                          | E.4                        |                       | 50                         |                        | <.06                      |                             | 8                               |                        | <2                         |
| Monture Creek near Ovando MT                | 12338690        | Aug 24 2004 | 1540 | <.04                     |                          | E.5                        |                       | 40                         |                        | <.06                      |                             | 5                               |                        | <2                         |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Dec 3 2003  | 1400 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Mar 11 2004 | 1100 | E.03                     |                          | 3.2                        |                       | 860                        |                        | 0.8                       |                             | 87                              |                        | 5                          |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Apr 14 2004 | 1200 | <.04                     |                          | 2.1                        |                       | 290                        |                        | 0.45                      |                             | 29                              |                        | E1                         |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | May 25 2004 | 1715 | <.04                     |                          | 4.3                        |                       | 130                        |                        | 1.46                      |                             | 10                              |                        | E1                         |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Jul 13 2004 | 1650 | <.04                     |                          | 0.7                        |                       | 40                         |                        | 0.08                      |                             | 6                               |                        | <2                         |
| Blackfoot R at Scotty Brown Br nr Ovando MT | 12338700        | Aug 24 2004 | 1350 | <.04                     |                          | 0.8                        |                       | 70                         |                        | 0.15                      |                             | 8                               |                        | <2                         |
| Clearwater River at Clearwater MT           | 12339500        | Dec 3 2003  | 1230 |                          |                          |                            |                       |                            |                        |                           |                             |                                 |                        |                            |
| Clearwater River at Clearwater MT           | 12339500        | Mar 11 2004 | 0900 | <.04                     |                          | E.4                        |                       | 100                        |                        | <.06                      |                             | 6                               |                        | <2                         |
| Clearwater River at Clearwater MT           | 12339500        | Apr 14 2004 | 0930 | <.04                     |                          | 1.5                        |                       | 50                         |                        | 0.14                      |                             | 11                              |                        | <2                         |
| Clearwater River at Clearwater MT           | 12339500        | May 25 2004 | 1500 | <.04                     |                          | 0.9                        |                       | 50                         |                        | <.06                      |                             | 7                               |                        | <2                         |
| Clearwater River at Clearwater MT           | 12339500        | Jul 13 2004 | 1830 | <.04                     |                          | 0.8                        |                       | 30                         |                        | E.04                      |                             | 11                              |                        | <2                         |
| Clearwater River at Clearwater MT           | 12339500        | Aug 24 2004 | 1200 | <.04                     |                          | E.5                        |                       | 20                         |                        | 0.06                      |                             | 8                               |                        | <2                         |