

Macroinvertebrates collected on Lloydville Run and Bells Gap on 19 May 2004 by the Bureau of Abandoned Mine Reclamation using a d-frame net.

| Sample location             | Bells Gap<br>Downstream | Shaw Run<br>Mouth | Bells Gap d.s.<br>Lloydville Run | Bells Gap u.s.<br>Lloydville Run | Lloydville Run<br>Mouth | Lloydville 1 mi.<br>u.s. Mouth | Lloydville Run<br>Headwaters |
|-----------------------------|-------------------------|-------------------|----------------------------------|----------------------------------|-------------------------|--------------------------------|------------------------------|
| Sample number               | 785                     | 786               | 787                              | 788                              | 789                     | 790                            | 791                          |
| Map ID                      | BG1                     | BG2               | BG3                              | BG4                              | BG5                     | BG6                            | BG7                          |
| EPHEMEROPTERA<br>(MAYFLIES) |                         |                   |                                  |                                  |                         |                                |                              |
| Heptageniidae               |                         | 1                 |                                  |                                  |                         |                                |                              |
| <i>Epeorus sp.</i>          | 47                      | 48                | 9                                | 14                               | 40                      | 4                              | 2                            |
| Ephemerellidae              |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Ephemerella sp.</i>      | 7                       | 18                |                                  |                                  |                         |                                |                              |
| <i>Drunella sp.</i>         | 1                       |                   |                                  |                                  | 1                       |                                |                              |
| Baetidae                    |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Baetis sp.</i>           | 1                       | 4                 | 3                                | 4                                | 11                      |                                | 2                            |
| Siphonuridae                |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Ameletus sp.</i>         |                         |                   |                                  |                                  |                         |                                | 4                            |
| Leptophlebiidae             | 1                       |                   |                                  | 1                                |                         |                                |                              |
| <i>Leptophlebia sp.</i>     |                         |                   |                                  |                                  |                         |                                | 5                            |
| PLECOPTERA<br>(STONEFLIES)  |                         |                   |                                  |                                  |                         |                                |                              |
| Nemouridae                  |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Amphinemura sp.</i>      | 6                       | 11                | 16                               | 21                               | 26                      |                                | 35                           |
| Chloroperlidae              |                         |                   | 17                               | 4                                |                         | 2                              |                              |
| <i>Utaperla sp.</i>         | 5                       |                   |                                  |                                  |                         |                                | 3                            |
| Leuctridae                  |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Leuctra sp.</i>          | 3                       | 2                 | 3                                | 1                                |                         |                                | 29                           |
| Perlodidae                  | 2                       |                   |                                  | 1                                |                         |                                |                              |
| <i>Isoperla sp.</i>         |                         | 2                 |                                  |                                  |                         |                                |                              |
| <i>Diura sp.</i>            |                         |                   |                                  |                                  |                         |                                |                              |
| Pteronarcyidae              |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Pteronarcys sp.</i>      |                         | 4                 |                                  | 1                                |                         |                                |                              |
| Perlidae                    |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Acroneuria sp.</i>       | 1                       |                   |                                  |                                  | 1                       |                                |                              |
| Peltoperlidae               |                         |                   |                                  |                                  |                         |                                | 1                            |
|                             |                         |                   |                                  |                                  |                         |                                |                              |

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|                                     |                         |                   |                                  |                                  |                         |                                |                              |
| TRICHOPTERA<br>(STONEFLIES)         |                         |                   | 1                                |                                  |                         |                                |                              |
| Rhyacophilida                       |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Rhyacophila sp.</i>              | 3                       |                   |                                  | 1                                |                         |                                | 2                            |
| Philopotamidae                      |                         |                   |                                  |                                  | 9                       |                                |                              |
| <i>Wormaldia sp.</i>                |                         |                   |                                  |                                  |                         |                                | 1                            |
| Hydropsychidae                      | 1                       |                   |                                  |                                  | 2                       |                                |                              |
| <i>Hydropsyche sp.</i>              |                         |                   | 1                                |                                  | 4                       |                                |                              |
| <i>Diplectrona sp.</i>              | 2                       |                   |                                  | 2                                |                         | 1                              | 1                            |
| <i>Parapsyche sp.</i>               |                         |                   | 1                                |                                  |                         |                                |                              |
| Polycentropidae                     |                         | 2                 |                                  |                                  |                         |                                |                              |
| <i>Polycentropus sp.</i>            | 1                       |                   |                                  |                                  | 1                       |                                |                              |
| Phryganeidae                        |                         |                   |                                  |                                  |                         |                                |                              |
| Molannidae                          |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Molanna sp.</i>                  |                         |                   |                                  | 1                                |                         |                                |                              |
| Uenoidae                            |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Neophylax sp.</i>                |                         | 1                 |                                  |                                  |                         |                                |                              |
| Lepidostomatidae                    |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Lepidostoma sp.</i>              |                         |                   | 1                                |                                  |                         |                                | 1                            |
| Limnephilidae                       | 1                       |                   |                                  |                                  |                         |                                |                              |
| DIPTERA<br>(FLIES)                  |                         |                   |                                  |                                  |                         |                                |                              |
| Chironomidae                        | 8                       | 20                | 15                               | 8                                | 5                       | 3                              | 12                           |
| Ceratopogonidae                     | 1                       | 2                 |                                  |                                  |                         |                                | 2                            |
| Tipulidae                           |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Tipula sp.</i>                   |                         |                   |                                  |                                  |                         |                                | 1                            |
| <i>Dicranota sp.</i>                |                         |                   |                                  |                                  |                         |                                | 1                            |
| <i>Hexatoma sp.</i>                 | 1                       | 2                 |                                  | 2                                | 2                       |                                | 1                            |
| <i>Molophilus sp.</i>               |                         |                   |                                  |                                  |                         |                                | 2                            |
| CRUSTACEA<br>DECAPODA<br>(CRAYFISH) |                         |                   |                                  |                                  |                         |                                |                              |
| Cambaridae                          |                         | 1                 | 1                                | 2                                |                         |                                | 1                            |
| AMPHIPODA                           |                         |                   |                                  |                                  |                         |                                |                              |
| Gammaridae                          |                         |                   |                                  |                                  |                         |                                |                              |
| <i>Gammarus sp.</i>                 |                         |                   |                                  |                                  | 1                       |                                |                              |
| COLEOPTERA<br>(BEETLES)             |                         |                   |                                  |                                  |                         |                                |                              |
| Hydrophilidae                       |                         |                   |                                  |                                  |                         |                                | 1                            |
| OLIGOCHAETA<br>(WORMS)              |                         |                   |                                  |                                  |                         |                                | 1                            |
|                                     |                         |                   |                                  |                                  |                         |                                |                              |

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|                           |                         |                   |                                  |                                  |                         |                                |                              |
| Total # of taxa           | 18                      | 14                | 11                               | 14                               | 12                      | 4                              | 21                           |
| Total # of grids          | total                   | total             | total                            | total                            | 9                       | total                          | 11                           |
| # of insects in subsample | 92                      | 118               | 68                               | 64                               | 103                     | 10                             | 108                          |