

Table 3 - Stream Sample Summary

| Location | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity, Hot | Alkalinity | Alkalinity Loading | Aluminum Dssolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron, Dissolved | Iron, Ferrous | Iron, Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids, Total Dissolved | Solids, Total Suspend. | Specific Cond. | Sulfate | Temp. | Turbidity | | |
|------------------------------------|-----------------------------------|------------------------|-----------------------|------|---------|-----------------|--------------|------------|--------------------|-------------------|----------------|--------------------------|------------------|----------------|----------|-----------------|---------------|-------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|-------------------------|------------------------|----------------|---------|-------|-----------|----|----|
| Blacklick Creek - Main Stem | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCMS-007 | Heshbon Mine Complex #1 | 10/25/1973 | 9/4/1974 | 12 | 12 | 12 | | 12 | 12 | | 2 | | | | | | 12 | 12 | | | | | | | | | | | | | | | | 12 | |
| BCMS-100 | Laurel Run, downstream | 9/6/1984 | 9/12/1996 | 34 | 20 | 20 | | 21 | 21 | | 2 | | | | | | | | | 21 | | | | | 21 | 21 | | | | | | | 21 | 21 | |
| BCMS-114 | BC at T-660 Bridge | 1/10/1985 | 8/18/1988 | 35 | 2 | 32 | 33 | 12 | 11 | 5 | 33 | | 23 | 54 | 33 | 5 | | 33 | 5 | 33 | 33 | 28 | 28 | | 29 | 33 | 28 | | | | 33 | 33 | 29 | 30 | 28 |
| BCMS-120 | Mardis Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-122 | Blacklick Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-125 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-126 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-127 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-128 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-129 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-130 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-131 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-132 | Laurel Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-135 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-136 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-137 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-138 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-139 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-140 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-141 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-142 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-144 | Un-named trib. To Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-145 | Un-named trib. To Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-147 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-148 | Un-named trib. To Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-149 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-151 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-152 | Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-155 | Un-named trib. To Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-158 | Un-named trib. To Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-159 | Un-named trib. To Brush Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-161 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-165 | Laurel Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-166 | Laurel Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-167 | Un-named Trib. To Laurel Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-168 | Laurel Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-169 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-170 | Ramsey Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-174 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-175 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-178 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-179 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-180 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-182 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-183 | Laurel Run | 6/1/2002 | 5/13/2004 | 13 | 13 | 13 | | 13 | 13 | | 13 | | | | | | | 13 | | 13 | | | | | | 13 | | | | | | 12 | 13 | 13 | 13 |
| BCMS-184 | Un-named Trib. To Blacklick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-188 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-189 | Laurel Run Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |
| BCMS-191 | Blacklick Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 1 | 1 |

Table 3 - Stream Sample Summary

| Location | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity, Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron, Dissolved | Iron, Ferrous | Iron, Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids, Total Dissolved | Solids, Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity |
|---------------------------------------|---|------------------------|-----------------------|------|---------|-----------------|--------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|-----------------|---------------|-------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|-------------------------|-------------------------|----------------|---------|-------|-----------|
| BCMS-223 | Blacklick Creek at Bells Mills | 6/27/2003 | 5/13/2004 | 2 | 12 | 2 | | 12 | 2 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| BCMS-225 | Blacklick Creek above Oneida Mine | 6/26/2003 | 5/13/2004 | 10 | 10 | 10 | | 10 | 10 | | 10 | | | | | | | 10 | | 10 | | | | | 10 | | 10 | 10 | 10 | 10 | | | |
| BCMS-226 | Aulds Run above Oneida | 6/26/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | 11 | | | |
| BCMS-231 | Brush Creek | 10/18/1994 | 11/17/1994 | | 2 | | | 2 | | | 2 | | | | | | | 2 | | 2 | | | | | 2 | | 2 | 2 | 2 | 2 | | | |
| BCMS-232 | Blacklick Creek | 10/18/1994 | 5/10/1996 | | 11 | | | 11 | | | 10 | | | | | | | 11 | | 11 | | | | | 8 | 11 | | | 11 | 11 | | | |
| BCMS-233 | Blacklick Creek | 7/18/1988 | 10/5/1990 | 1 | 10 | 1 | | 10 | 1 | | | | | | | | | 10 | | 10 | | | | | 10 | 10 | | | 10 | 10 | | | |
| BCMS-234 | Blacklick Creek | 5/6/1986 | 11/2/1993 | 7 | 57 | 7 | | 57 | 7 | | | | | | | | | 57 | | 57 | | | | | 55 | 57 | | | 57 | 57 | | | |
| BCMS-235 | Blacklick Creek | 6/26/1986 | 3/24/1998 | 9 | 49 | 9 | | 49 | 9 | | 14 | | | | | | | 49 | | 49 | | | | | 47 | 49 | | | 49 | 49 | | | |
| BCMS-236 | Blacklick Creek, downstream | 5/6/1986 | 12/1/1994 | 9 | 30 | 9 | | 30 | 9 | | 1 | | | | | | | 30 | | 30 | | | | | 29 | 30 | | | 30 | 30 | | | |
| BCMS-237 | NB Blacklick Creek at South Branch | 6/1/2002 | 5/14/2004 | 12 | 13 | 12 | | 13 | 12 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | 12 | 13 | 13 | 13 | | | |
| BCMS-247 | Downstream of 50-4. | 5/9/2000 | 7/21/2000 | 3 | 4 | 3 | | 4 | 3 | | 4 | | | | | | | 4 | | 4 | | | | | 4 | | | 4 | 4 | 4 | 4 | | |
| BCMS-248 | upstream of 50-4. | 5/9/2000 | 7/21/2000 | 3 | 4 | 3 | | 4 | 3 | | 4 | | | | | | | 4 | | 4 | | | | | 4 | | | 4 | 4 | 4 | 4 | | |
| BCMS-249 | Laurel Run; upstream of mine discharge 50-7 | 5/9/2000 | 7/13/2001 | 2 | 7 | 2 | | 7 | 2 | | 7 | | | | | | | 7 | | 7 | | | | | 7 | | | 7 | 7 | 7 | 7 | | |
| Blacklick Creek - North Branch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCNB-013 | Mouth of California Run | 2/22/2002 | 5/14/2004 | 18 | 18 | 18 | | 18 | 18 | | 18 | | | | | | | 18 | | 18 | | | | | 18 | | 12 | 18 | 12 | 18 | | | |
| BCNB-015 | Mouth of Crooked Run | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-016 | Upstream of Crooked Run | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-017 | Mouth of Elk Creek | 2/22/2002 | 11/8/2002 | 6 | 7 | 6 | | 7 | 6 | | 7 | | | | | | | 7 | | 7 | | | | | 7 | | 7 | 1 | 7 | 7 | | | |
| BCNB-018 | Below Eastern Associated Coal Corp. | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-019 | Above Eastern Associated Coal Corp. | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-021 | Above Colver refuse pile | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-025 | North Branch Twolick Creek | 6/1/2002 | 6/1/2002 | 1 | | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | | | |
| BCNB-027 | North Branch Twolick Creek | 6/1/2002 | 6/1/2002 | 1 | | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | | | |
| BCNB-028 | Carney Run | 6/1/2002 | 6/1/2002 | 1 | | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | | | |
| BCNB-029 | North Branch | 4/19/2000 | 4/19/2000 | | | | 1 | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | | | |
| BCNB-030 | Mouth of Little Elk Creek | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-032 | NB Blacklick Creek above Red Mill discharge | 6/27/2003 | 5/14/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| BCNB-036 | Tearing Run | 5/14/1993 | 4/4/2002 | 10 | 8 | 7 | | 12 | 9 | | 3 | | | | | | | 12 | | 12 | | | | | 7 | 12 | | | 12 | 12 | | | |
| BCNB-037 | Below Colver refuse pile | 2/22/2002 | 11/8/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCNB-038 | Mouth of Crooked Run #2 | 2/22/2002 | 11/8/2002 | 5 | 5 | 5 | | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | 5 | | | |
| BCNB-039 | Elk Creek before NB Blacklick | 6/26/2003 | 5/14/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| Blacklick Creek - South Branch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCSB-051 | Mouth of SBBC | 2/16/2002 | 10/18/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCSB-052 | Blacklick before Coalpit Run | 3/22/1993 | 10/18/2002 | 6 | 7 | 6 | | 16 | 6 | | 10 | | | | | | | 16 | | 16 | | | | | 16 | | 15 | 9 | 16 | 16 | | | |
| BCSB-053 | Below Pergrin Run and Webster discharge | 5/23/1995 | 10/18/2002 | 15 | 12 | 6 | | 37 | 15 | | 31 | | | | | | | 37 | | 37 | | | | | 37 | | 23 | 25 | 37 | 37 | | | |
| BCSB-054 | Below Mine 31 AMD treatment plant | 2/15/2002 | 10/18/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCSB-055 | Above Mine 31 AMD treatment plant | 2/15/2002 | 10/18/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCSB-056 | Below Beth NRG Mines Inc. Treat. Facility, | 2/15/2002 | 10/18/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCSB-057 | Above Beth NRG Mines Inc. Treat. Facility, | 6/4/1997 | 10/18/2002 | 11 | 6 | 6 | | 12 | 11 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 6 | 5 | 12 | 12 | | | |
| BCSB-058 | Below Revloc refuse piles | 7/14/1988 | 10/18/2002 | 38 | 6 | 6 | | 53 | 38 | | 54 | | | | | | | 54 | | 54 | | | | | 54 | | 54 | 33 | 54 | 54 | | | |
| BCSB-059 | Above Revloc refuse piles | 9/22/1987 | 10/18/2002 | 6 | 6 | 6 | | 53 | 6 | | 53 | | | | | | | 53 | | 53 | | | | | 53 | | 34 | 42 | 53 | 53 | | | |
| BCSB-060 | Unnamed Trib along 422N | 2/16/2002 | 10/18/2002 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | 6 | 6 | 6 | 6 | | | |
| BCSB-061 | Mouth of Bracken Run | 6/4/1997 | 10/18/2002 | 10 | 6 | 6 | | 12 | 10 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 6 | 5 | 12 | 12 | | | |
| BCSB-067 | Coal Pit Run Site 14 | 7/25/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | 5 | | | |
| BCSB-070 | Tributary to Coal Pit Run #2 | 7/25/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | 5 | | | |
| BCSB-071 | Coal Pit Run Site 18 | 3/4/1997 | 1/14/2003 | 5 | 6 | 5 | 5 | 11 | 5 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | 5 | 6 | 11 | 11 | | | |
| BCSB-076 | Coal Pit Run Site 22 | 7/25/2002 | 1/14/2003 | 4 | | 4 | 5 | 5 | 4 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | 5 | | | |
| BCSB-077 | Tributary to Coal Pit Run #1 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | 5 | | | |
| BCSB-078 | Coal Pit Run Site 4 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | 5 | | | |
| BCSB-088 | Pergrin Run | 2/3/1995 | 10/18/2002 | 20 | 12 | 6 | | 35 | 20 | | 28 | | | | | | | 35 | | 35 | | | | | 35 | | 25 | 23 | 35 | 35 | | | |
| BCSB-096 | Coalpit Run Down Stream | 8/28/1984 | 12/29/1997 | 38 | | | | 56 | 35 | | 16 | | | | | | | 56 | | 56 | | | | | 56 | | 43 | 44 | 56 | 56 | | | |
| BCSB-097 | Coalpit Run Upstream | 8/28/1984 | 12/29/1997 | 38 | | | | 54 | 35 | | 15 | | | | | | | 54 | | 54 | | | | | 54 | | 53 | 42 | 54 | 54 | | | |
| BCSB-098 | Griffitown Reservoir | 8/28/1984 | 12/29/1997 | 22 | | | | 45 | 19 | | 6 | | | | | | | 45 | | 45 | | | | | 45 | | 45 | 41 | 45 | 45 | | | |
| BCSB-105 | Coalpit Run downstream | 5/28/1992 | 7/9/1997 | 8 | | | | 26 | 8 | | 9 | | | | | | | 26 | | 26 | | | | | 26 | | 26 | 17 | 26 | 26 | | | |
| BCSB-107 | Unnamed tributary to SBBC | 10/25/1988 | 7/9/1997 | 18 | | | | 26 | 18 | | 7 | | | | | | | 26 | | 26 | | | | | 26 | | 25 | 19 | 26 | 26 | | | |
| BCSB-113 | Unnamed Trib. To SBBC | 3/19/1993 | 4/2/1997 | 7 | 1 | | | 9 | 7 | | 4 | | | | | | | 9 | | 9 | | | | | 9 | | 8 | 8 | 9 | 9 | | | |
| BCSB-115 | Coal Pit Run Upstream | 11/26/1993 | 11/6/2000 | 3 | 5 | | | 12 | 3 | | 8 | | | | | | | 12 | | 12 | | | | | 12 | | 7 | 11 | 12 | 12 | | | |
| BCSB-116 | SBBC Downstream | 3/22/1993 | 7/16/1997 | | 1 | | | 10 | | | 4 | | | | | | | 10 | | 10 | | | | | 10 | | 9 | 9 | 10 | 10 | | | |
| BCSB-123 | SBBC above Nanty Glo Mine 31 refuse | 2/3/1995 | 12/21/1998 | 8 | 3 | | | 26 | 8 | | 19 | | | | | | | 26 | | 26 | | | | | 26 | | | 19 | 6 | 19 | 6 | | |
| BCSB-136 | SBBC, S.W. of permit, downstream | 9/10/1996 | 6/12/1998 | | | | | 7 | | | 7 | | | | | | | 7 | | 7 | | | | | 7 | | 7 | 6 | 7 | 7 | | | |
| BCSB-137 | Unnamed Trib. To SBBC, south of permit | 9/10/1996 | 10/22/1996 | 1 | | | | 2 | 1 | | 2 | | | | | | | 2 | | 2 | | | | | 2 | | 2 | 2 | 2 | 2 | | | |
| BCSB-138 | SBBC, S.E. of permit, upstream | 9/10/1996 | 4/10/1997 | | | | | 6 | | | 6 | | | | | | | | | | | | | | | | | | | | | | |

Table 3 - Stream Sample Summary

| Location | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity, Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron, Dissolved | Iron, Ferrous | Iron, Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids, Total Dissolved | Solids, Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity | |
|------------------------------|--|------------------------|-----------------------|------|---------|-----------------|--------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|-----------------|---------------|-------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|-------------------------|-------------------------|----------------|---------|-------|-----------|---|
| BCSB-148 | SBBC #2 | 6/4/1997 | 12/17/1997 | 3 | | | | 6 | 3 | | 5 | | | | | | | 5 | | 5 | | | | | 6 | | | | 5 | 6 | | | | |
| BCSB-150 | SBBC #4 | 6/4/1997 | 7/17/2000 | 3 | 1 | | 4 | 10 | 3 | | 10 | | | | 4 | | 4 | 10 | | 10 | | | | | | 10 | | | 4 | 5 | 10 | | | |
| BCSB-151 | Steward Run | 6/4/1997 | 12/15/1997 | 4 | | | | 6 | 4 | | 6 | | | | | | | 6 | | 6 | | | | | | 6 | | | | 5 | 6 | | | |
| BCSB-152 | Pergrin Run #2 | 8/5/1997 | 12/16/1997 | 3 | | | | 5 | 3 | | 5 | | | | | | | 5 | | 5 | | | | | | 5 | | | | 4 | 5 | | | |
| BCSB-153 | SBBC #6 | 12/17/1997 | 12/17/1997 | 1 | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| BCSB-163 | Bracken Run | 9/22/1998 | 11/28/2001 | 1 | 3 | 1 | | 3 | 1 | | 3 | | | | | | | 3 | | 3 | | | | | | 3 | | | | 3 | 3 | | | |
| BCSB-165 | Coal Pit Run | 3/22/1993 | 1/14/2003 | 17 | 9 | 11 | 5 | 23 | 17 | | 16 | | | | | | | 23 | | 23 | | | | | | 23 | | | 20 | 11 | 23 | | | |
| BCSB-169 | TJ No. 1 | 7/24/1996 | 11/10/1999 | | | | | 16 | 16 | | 16 | | | | | | | 16 | | 16 | | | | | | 16 | | | | 16 | 16 | | | |
| BCSB-171 | Revloc Refuse Site | 6/28/1996 | 10/24/2002 | | | | | 3 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | | 5 | | | | 5 | 5 | | | |
| BCSB-172 | State Gamelands No. 79 Mine | 3/22/2000 | 3/6/2002 | 1 | 3 | 1 | | 4 | 1 | | 4 | | | | | | | 4 | | 4 | | | | | | 4 | | | | 4 | 4 | | | |
| BCSB-173 | McFadden No. 1 Mine | 4/2/1997 | 4/2/1997 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| BCSB-175 | McFadden No. 1 Mine | 4/2/1997 | 3/23/2002 | 5 | 6 | 3 | | 11 | 5 | | 7 | | | | | | | 9 | | 9 | | | | | | 11 | | | | 11 | 11 | | | |
| BCSB-176 | State Gamelands No. 79 Mine | 3/22/2000 | 3/6/2002 | | | | | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | | 5 | | | | 5 | 5 | | | |
| BCSB-177 | Chickaree | 12/16/1998 | 11/28/2001 | | | | | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | | 5 | | | | 5 | 5 | | | |
| BCSB-178 | TR No. 1, Laurel Land Dev.-L. K.mine discharge | 9/30/1988 | 6/15/1999 | 42 | 2 | | | 53 | 42 | | 35 | | | | | | | 53 | | 53 | | | | | | 53 | | | 51 | 45 | 53 | | | |
| Lower Blacklick Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LBC-012 | Twolick Creek | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| LBC-013 | Weirs Run | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| LBC-014 | Muddy Run | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| LBC-015 | Steward Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| LBC-016 | Grays Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| Upper Twolick Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTLC-253 | TLC Mouth of the South Branch | 7/22/1998 | 7/22/1998 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-254 | TLC DS of Confluence of Branches | 7/22/1998 | 7/23/1998 | 1 | 2 | 1 | | 2 | 1 | | 2 | | | | | | | 2 | | 2 | | | | | | 2 | | | | 2 | 2 | | | |
| UTLC-255 | TLC UpStream of Buck Run | 7/22/1998 | 7/22/1998 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-035 | S. Branch Twolick | 11/3/1986 | 6/1/2002 | 91 | 4 | 7 | 7 | 127 | 84 | 90 | 133 | 84 | 123 | 110 | 131 | 91 | | 133 | 91 | 133 | 131 | 126 | 126 | 45 | 127 | 133 | 125 | 104 | 100 | 125 | 128 | 131 | | |
| UTLC-039 | Penn Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-043 | Penn Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-044 | North Branch Twolick Creek | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-051 | Northbranch Twolick Creek | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-055 | North Branch Twolick Creek | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-057 | North Branch Twolick Creek | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-066 | Pompey Run | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-080 | Penn Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-083 | Penn Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-084 | Penn Run Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-089 | Penn Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-100 | Dixon Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-101 | Dixon Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-103 | North Branch Twolick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-104 | Mouth of North Branch Twolick Creek | 7/22/1998 | 6/1/2002 | 2 | 3 | 2 | | 3 | 2 | | 3 | | | | | | | 2 | | 3 | | | | | | 3 | | | | 3 | 3 | | | |
| UTLC-110 | TLC DS of Buck Run and Dixon Run | 7/22/1998 | 6/1/2002 | 2 | 2 | 2 | | 2 | 2 | | 2 | | | | | | | 1 | | 2 | | | | | | 2 | | | | 2 | 2 | | | |
| UTLC-111 | Two lick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-112 | Two lick Creek | 6/1/2002 | 6/1/2002 | | | | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-113 | Two lick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-120 | Buck Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-123 | Buck Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-124 | Buck Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-127 | Buck Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-131 | South Branch Twolick | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | | | |
| UTLC-132 | Mouth of Buck Run | 7/22/1998 | 10/31/2003 | | 3 | 10 | | 12 | | | 12 | | | | 8 | | 11 | 12 | | 12 | | | | | | 12 | | | | 10 | 3 | 12 | 1 | |
| UTLC-134 | Penns Run | 5/12/1999 | 5/14/2004 | 10 | 12 | 10 | | 6 | 18 | | 10 | | | | 5 | | 6 | 18 | | 18 | | | | | | 18 | | | | 11 | 18 | 13 | 18 | 1 |
| UTLC-137 | Sample Run | 6/23/1999 | 10/31/2003 | 1 | 5 | 1 | 12 | 13 | | | 13 | | | | 9 | | 12 | 13 | | 13 | | | | | | 13 | | | | 13 | 2 | 13 | 1 | |
| UTLC-196 | TLC Upstream Sampling Point | 7/22/1998 | 4/30/2003 | 2 | 13 | 2 | | 13 | 2 | | 13 | | | | | | 1 | 13 | | 13 | | | | | | 13 | | | | 11 | 12 | 13 | 13 | |
| UTLC-198 | TLC Upstream of IUP Site 13 | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | 12 | |
| UTLC-200 | TLC Upstream of IUP Site 14 | 5/30/2002 | 4/30/2003 | 2 | 12 | 2 | | 12 | 2 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | 12 | |
| UTLC-202 | TLC Downstream of IUP Site 15 | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | 12 | |
| UTLC-203 | TLC Upstream of IUP Site 15 | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | 12 | |
| UTLC-208 | TLC DS of Sample Run | 7/22/1998 | 4/30/2003 | 2 | 13 | 2 | | 13 | 2 | | 13 | | | | | | 1 | 13 | | 13 | | | | | | 13 | | | | 11 | 12 | 13 | 13 | |
| UTLC-209 | TLC US of Sample Run | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | 12 | |
| UTLC-211 | TLC Downstream of IUP site 2 | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | 12 | |
| UTLC-212 | TLC Upstream of IUP site 2 | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | | | | 11 | 12 | 12 | | |

Table 3 - Stream Sample Summary

| Location | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity, Hot | Alkalinity | Alkalinity Loading | Aluminum Dssolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron, Dissolved | Iron, Ferrous | Iron, Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids, Total Dissolved | Solids, Total Suspend. | Specific Cond. | Sulfate | Temp. | Turbidity | |
|----------------------------|--|------------------------|-----------------------|------|---------|-----------------|--------------|------------|--------------------|-------------------|----------------|--------------------------|------------------|----------------|----------|-----------------|---------------|-------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|-------------------------|------------------------|----------------|---------|-------|-----------|--|
| UTLC-221 | TLC DS of Diamondville Discharge | 7/22/1998 | 4/30/2003 | 2 | 13 | 2 | | 13 | 2 | | 13 | | | | | | 1 | 13 | | 13 | | | | | | 13 | 11 | 12 | 13 | 13 | | | | |
| UTLC-222 | TLC US of Diamondville Discharge | 5/28/1999 | 4/30/2003 | 2 | 13 | 2 | | 13 | 2 | | 13 | | | | | | 1 | 13 | | 13 | | | | | | 13 | 11 | 13 | 13 | 13 | 1 | | | |
| UTLC-224 | TLC Downstream of IUP site 9 | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | 11 | 12 | 12 | 12 | | | | |
| UTLC-226 | Unnamed Trib to Dixon Run | 11/3/1986 | 8/17/1988 | 5 | 2 | 5 | | | | 5 | 5 | | | | | 5 | | 5 | | 5 | 5 | | | | 5 | 5 | | 5 | 5 | 1 | 5 | | | |
| UTLC-227 | Unnamed Trib to NB Two Lick | 11/3/1986 | 8/17/1988 | 5 | 2 | 3 | 3 | | | 4 | 4 | | | | 3 | 4 | | 4 | 4 | 4 | 3 | | | | 4 | 4 | | 3 | 4 | 1 | 4 | | | |
| UTLC-228 | Dixon Run | 11/3/1986 | 10/31/2003 | 5 | 3 | 5 | 16 | 12 | | 5 | 17 | | | | 14 | 5 | 11 | 17 | 5 | 17 | 5 | | | | 5 | 17 | | 17 | 7 | 13 | 6 | | | |
| UTLC-229 | Two Lick Clymer | 11/4/1986 | 10/31/2003 | 5 | 2 | 5 | 10 | 5 | | 5 | 10 | | | | 9 | 5 | 5 | 10 | 5 | 10 | 5 | | | | 5 | 10 | | 10 | 6 | 6 | 6 | | | |
| UTLC-234 | South Branch Twolick Creek | 6/30/2003 | 5/14/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | | 12 | 12 | 12 | 12 | 12 | | | | |
| UTLC-238 | Dixon Run | 9/26/1989 | 7/23/1998 | 9 | 34 | 9 | | 34 | 9 | | 28 | | | | | | | 34 | | 34 | | | | | 34 | 34 | | | 34 | 34 | | | | |
| UTLC-240 | Pompey Run | 7/9/1985 | 11/9/1992 | 24 | 24 | 23 | | 24 | 23 | | | | | | | | | 24 | | 24 | | | | | 27 | 25 | | | 27 | 24 | | | | |
| UTLC-241 | North Branch | 7/9/1985 | 11/9/1992 | 17 | 24 | 16 | | 24 | 16 | | | | | | | | | 24 | | 24 | | | | | 27 | 24 | | | 27 | 24 | | | | |
| UTLC-242 | North Branch | 7/17/1985 | 4/30/2003 | 12 | 23 | 11 | | 23 | 11 | | 12 | | | | | | | 23 | | 23 | | | | | 14 | 23 | | 11 | 12 | 26 | 23 | | | |
| UTLC-245 | Starford #2 | 7/10/1996 | 9/16/1997 | | | | | 5 | | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | 5 | | | | |
| UTLC-246 | Starford #2 | 7/10/1996 | 9/16/1997 | | 5 | | | | | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | 5 | | | | |
| UTLC-247 | Two Lick Cr. | 3/18/1981 | 9/11/1986 | 15 | 9 | 9 | | 15 | 15 | | | | | | | | | 15 | | 15 | | | | | 15 | 15 | | | 15 | 15 | | | | |
| UTLC-248 | Dixon Run below | 3/17/1994 | 3/7/2002 | 31 | 11 | 11 | | 31 | 31 | | | | | | | | | 31 | | 31 | | | | | 31 | 31 | | | 31 | 31 | | | | |
| UTLC-249 | Buck Run above | 5/6/1987 | 3/13/1991 | 17 | 7 | 7 | | 16 | 16 | | | | | | | | | 16 | | 16 | | | | | 14 | 16 | | | 16 | 16 | | | | |
| UTLC-250 | Two lick Cr. | 6/23/1999 | 4/30/2003 | 2 | 28 | 2 | | 28 | 2 | | 28 | | | | | | | 28 | | 28 | | | | | 15 | 28 | | 11 | 13 | 28 | 28 | | | |
| UTLC-251 | Buck Run below | 5/6/1987 | 3/13/1991 | 17 | 5 | 5 | | 17 | 17 | | | | | | | | | 17 | | 17 | | | | | 15 | 17 | | | 17 | 17 | | | | |
| UTLC-252 | Two lick Cr. | 6/23/1999 | 6/6/2002 | | 11 | | | 15 | | | 15 | | | | | | | 15 | | 15 | | | | | 15 | 15 | | | 15 | 15 | | | | |
| Lower Twolick Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTLC-021 | Un-named trib. To Twolick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-022 | Cherry Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-024 | Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-025 | Ramsey Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-026 | Twolick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-027 | Allan Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-028 | Allan Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-029 | Allan Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-030 | Allan Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-031 | Allan Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-032 | Allan Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-034 | Allan Run | 6/1/2002 | 5/14/2004 | 13 | 13 | 13 | | 13 | 13 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | | 12 | 13 | 13 | 13 | | | |
| LTLC-038 | Two Lick Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-039 | Stoney Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | 1 | 2 | | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| LTLC-041 | Coral Run | 5/20/1999 | 5/20/1999 | | | | 1 | 1 | | | 1 | | | | 1 | | 1 | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| LTLC-056 | Cherry Run | 11/3/1986 | 8/17/1988 | 5 | 2 | 4 | 5 | | | 6 | 6 | | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | 5 | 5 | | 6 | 4 | 1 | 5 | | | |
| LTLC-057 | Ramsey Run | 11/4/1986 | 8/17/1988 | 5 | 2 | 4 | 4 | | | 5 | 5 | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | 5 | 5 | | 5 | 4 | 1 | 5 | | | |
| LTLC-058 | Two Lick Graceton #1 | 2/20/1985 | 11/5/1987 | 13 | | 13 | 13 | 6 | 6 | | 13 | | | 11 | 26 | 13 | | 13 | | 13 | 13 | 13 | 13 | | 12 | 13 | 13 | 13 | 13 | 13 | 11 | | 13 | |
| LTLC-059 | Two Lick Graceton #2 | 11/3/1986 | 10/24/2003 | 6 | 2 | 6 | 15 | 10 | 1 | 5 | 15 | | | 1 | | 12 | 5 | 10 | 15 | 5 | 15 | 5 | | | 5 | 15 | | | 14 | 6 | 11 | 5 | | |
| LTLC-060 | Twolick Creek above sewage treatment plant | 6/26/2003 | 5/14/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | | 11 | 11 | 11 | 11 | | | |
| LTLC-062 | Twolick Creek at Rt. old Rt. 56 bridge | 6/1/2002 | 5/13/2004 | 13 | 13 | 13 | | 13 | 13 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | | 12 | 13 | 13 | 13 | | | |
| LTLC-063 | Twolick Creek at mouth | 6/1/2002 | 5/13/2004 | 12 | 13 | 12 | | 13 | 12 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | | 12 | 13 | 13 | 13 | | | |
| Tearing Run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TR-020 | Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-025 | Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-026 | Spring along Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-028 | Un-named trib. To Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-038 | Spring along Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-039 | Spring along Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-041 | Spring along Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-042 | Spring along Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-043 | Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-044 | Mouth of Unnamed Tearing Trib | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-045 | Un-named trib. To Tearing Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | |
| TR-046 | Tearing Run | 5/25/1999 | 5/13/2004 | 14 | 16 | 14 | 12 | 24 | 14 | | 24 | | | 2 | 9 | | 12 | 24 | | 24 | | | | | 24 | | | 12 | 24 | 14 | 24 | | | |
| TR-054 | Tearing Run above discharge | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | | 12 | 12 | 12 | 12 | | | |
| TR-056 | Tearing Run above Snyder Mines | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | | 12 | 12 | 12 | 12 | | | |
| TR-057 | Tearing Run | 2/27/1990 | 7/8/1998 | 29 | 36 | 29 | | 37 | 29 | | 2 | | | | | | | 37 | | 37 | | | | | 35 | 37 | | | 37 | 37 | | | | |
| TR-058 | Tearing Run | 2/27/1990 | 4/12/2000 | 37 | 23 | 20 | | 27 | 24 | | 3 | | | | | | | 27 | | 27 | | | | | 24 | 27 | | | 27 | 27 | | | | |
| TR-061 | Brush Valley No. 3 | 5/20/1997 | 4/12/2000 | | | | | 3 | | | 3 | | | | | | | | | | | | | | | | | | | | | | | |

Table 3 - Stream Sample Summary

| Location | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity, Hot | Alkalinity | Alkalinity Loading | Aluminum Dssolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron, Dissolved | Iron, Ferrous | Iron, Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids, Total Dissolved | Solids, Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity |
|---------------------------|--|------------------------|-----------------------|------|---------|-----------------|--------------|------------|--------------------|-------------------|----------------|--------------------------|------------------|----------------|----------|-----------------|---------------|-------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|-------------------------|-------------------------|----------------|---------|-------|-----------|
| UYC-009 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-011 | Leanard Run | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | | 1 | | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-012 | Little Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-013 | Little Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-014 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-015 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-016 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-017 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-018 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-019 | Little Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-020 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-021 | Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-022 | Little Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-023 | Little Yellow Creek | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-024 | Leanard Run | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-025 | Leanard Run | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| UYC-026 | Yellow Creek #3 | 5/27/1999 | 10/25/2003 | | | | 10 | 10 | | | 11 | | | | 8 | | 11 | 11 | | 11 | | | | | | 10 | | 10 | 3 | 10 | | | |
| UYC-039 | Yellow Creek #1 | 11/4/1986 | 5/8/2002 | 22 | 25 | 20 | 5 | 23 | 15 | 5 | 27 | | | | 5 | 5 | 28 | 5 | 29 | 5 | | | | | 29 | 28 | | 5 | 28 | 24 | 6 | | |
| UYC-040 | Yellow Creek #2 | 11/3/1986 | 10/25/2003 | 5 | 2 | 5 | 13 | 8 | | 5 | 13 | | | | 10 | 5 | 8 | 13 | 5 | 13 | 5 | | | | 5 | 13 | | 13 | 8 | 9 | 5 | | |
| UYC-041 | Yellow Creek, upstream | 1/3/1998 | 9/12/2002 | 22 | 9 | 9 | | 23 | 22 | | 22 | | | | | | 23 | | 23 | | | | | 23 | 23 | | | 23 | 23 | | | | |
| UYC-043 | Yellow Cr. | 2/23/1996 | 5/8/2002 | 1 | 21 | 1 | | 21 | | 1 | 21 | | | | | | 21 | | 21 | | | | | | 21 | 21 | | | 21 | 21 | | | |
| UYC-050 | Yellow Creek downstream | 8/20/1998 | 9/17/2002 | 18 | 19 | 18 | | 19 | 18 | | 19 | | | | | | 19 | | 19 | | | | | | 19 | 19 | | | 19 | 19 | | | |
| UYC-051 | Trib. To Yellow Creek, downstream | 1/3/1998 | 9/12/2002 | 21 | 8 | 8 | | 23 | 21 | | 22 | | | | | | 23 | | 23 | | | | | 23 | 23 | | | 23 | 23 | | | | |
| UYC-052 | Yellow Creek downstream | 1/3/1998 | 9/12/2002 | 21 | 8 | 8 | | 23 | 21 | | 22 | | | | | | 23 | | 23 | | | | | 23 | 23 | | | 23 | 23 | | | | |
| UYC-053 | Yellow Creek Location | 1/3/1998 | 9/12/2002 | 17 | 3 | 3 | | 17 | 17 | | 15 | | | | | | 17 | | 17 | | | | | 17 | 17 | | | 17 | 17 | | | | |
| UYC-054 | Yellow Creek upstream | 8/20/1998 | 9/17/2002 | 18 | 18 | 16 | | 18 | 16 | | 18 | | | | | | 18 | | 18 | | | | | 18 | 18 | | | 18 | 18 | | | | |
| UYC-055 | Trib. To Yellow Creek, upstream | 4/25/1998 | 9/12/2002 | 13 | 5 | 5 | | 14 | 12 | | 14 | | | | | | 14 | | 14 | | | | | 14 | 14 | | | 14 | 14 | | | | |
| Lower Yellow Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LYC-171 | Yellow Creek #1 | 4/19/2002 | 10/24/2003 | 2 | 2 | 2 | 7 | 7 | 2 | | 7 | | | 2 | | 4 | 7 | 7 | | 7 | | | | | | 7 | | | 7 | 2 | 7 | | |
| LYC-045 | Yellow Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | | | |
| LYC-050 | Tide Tributary | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | | | |
| LYC-069 | YC Rt. 954 Bridge | 2/22/1996 | 5/13/2004 | 24 | 57 | 24 | | 63 | 24 | | 63 | | 1 | | | | 57 | | 57 | 1 | | | 1 | | 22 | 63 | | 12 | 33 | 44 | 63 | | |
| LYC-075 | Judy #14 Tributary | 4/24/1997 | 4/26/2001 | 6 | 18 | 6 | | 18 | 6 | | 18 | | | | | | 18 | | 18 | | | | | | 18 | | | 18 | 18 | | | | |
| LYC-077 | YC below Judy #14 Tributary | 4/24/1997 | 6/1/2002 | 13 | 27 | 13 | | 27 | 13 | | 26 | | | | | | 27 | | 27 | | | | | | 7 | 27 | | 19 | 9 | 27 | | | |
| LYC-078 | Yellow Creek | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | | | |
| LYC-081 | Tide Tributary - lower | 4/24/1997 | 4/26/2001 | 4 | 19 | 4 | | 19 | 4 | | 19 | | | | | | 19 | | 19 | | | | | | 19 | | | 19 | 19 | | | | |
| LYC-082 | Yellow Creek below Tide Tributary | 4/24/1997 | 6/1/2002 | 12 | 19 | 12 | | 19 | 12 | | 19 | | | | | | 19 | | 19 | | | | | | 19 | | | 19 | 19 | | | | |
| LYC-084 | Yellow Creek before YC-24 | 4/24/1997 | 6/1/2002 | 11 | 18 | 11 | | 18 | 11 | | 18 | | | | | | 18 | | 18 | | | | | | 18 | | | 18 | 18 | | | | |
| LYC-085 | Yellow Creek at the Floodway Park | 4/24/1997 | 5/13/2004 | 22 | 30 | 22 | 5 | 35 | 22 | | 35 | | 5 | | 5 | 35 | | 35 | | | | | | | 35 | | 12 | 35 | 12 | 35 | | | |
| LYC-087 | Judy #14 Tributary - below discharge | 4/24/1997 | 4/26/2001 | 2 | 17 | 2 | | 17 | 2 | | 17 | | | | | | 17 | | 17 | | | | | | 17 | | | 17 | 17 | | | | |
| LYC-091 | Tributary above | 4/24/1997 | 4/26/2001 | 2 | 14 | | | 14 | | | 14 | | | | | | 14 | | 14 | | | | | | 14 | | | 14 | 14 | | | | |
| LYC-092 | Tide Tributary at Budners | 4/24/1997 | 4/26/2001 | 7 | 7 | | | 7 | | | 7 | | | | | | 7 | | 7 | | | | | | 7 | | | 7 | 7 | | | | |
| LYC-093 | Yellow Creek | 2/28/2001 | 4/30/2001 | 1 | 2 | 1 | | 2 | 1 | | 2 | | | | | | 2 | | 2 | | | | | | 2 | | | 2 | 2 | | | | |
| LYC-096 | Tide Tributary above Tide | 5/14/1993 | 4/4/2002 | 21 | 20 | 14 | | 22 | 16 | | 6 | | | | | | 22 | | 22 | | | | | 14 | 22 | | 7 | 22 | 22 | 7 | | | |
| LYC-098 | Near the intersection of Tide Road and Rt. 954 | 5/22/1992 | 8/19/1993 | 9 | 9 | 9 | | 9 | 9 | | 9 | | | | | | 9 | | 9 | | | | | 9 | 9 | | | 9 | 9 | | | | |
| LYC-099 | West side of valley near Rt. 954 | 4/20/1994 | 4/4/2002 | 13 | 20 | 13 | | 20 | 13 | | 7 | | | | | | 20 | | 20 | | | | | | 13 | 20 | | 6 | 20 | 20 | 6 | | |
| LYC-105 | West side of valley near Rt. 954 above gasline | 4/20/1994 | 9/2/1994 | 5 | 6 | 5 | | 6 | 5 | | 6 | | | | | | 6 | | 6 | | | | | | 6 | 6 | | 6 | 6 | 6 | 6 | | |
| LYC-107 | Trib. To Yellow Creek | 4/20/1994 | 1/25/1995 | 7 | 6 | 6 | | 6 | 6 | | 6 | | | | | | 6 | | 6 | | | | | | 6 | 6 | | 6 | 6 | | | | |
| LYC-108 | Trib. To Yellow Creek | 4/20/1994 | 6/1/2002 | 6 | 7 | 6 | | 7 | 6 | | 6 | | | | | | 7 | | 7 | | | | | | 6 | 7 | | 1 | 7 | 7 | | | |
| LYC-109 | Trib. To Yellow Creek | 7/13/1994 | 2/13/1995 | 4 | 4 | 4 | | 4 | 4 | | 4 | | | | | | 4 | | 4 | | | | | | 4 | 4 | | | 4 | 4 | | | |
| LYC-110 | Trib. To Yellow Creek | 7/13/1994 | 10/31/1994 | 8 | 8 | 8 | | 8 | 8 | | 8 | | | | | | 8 | | 8 | | | | | | 8 | 8 | | | 8 | 8 | | | |
| LYC-112 | Trib., upstream | 5/14/1993 | 4/4/2002 | 14 | 7 | 7 | | 14 | 9 | | 5 | | | | | | 14 | | 14 | | | | | | 7 | 14 | | | 14 | 14 | | | |
| LYC-114 | Trib., downstream | 5/14/1993 | 8/27/2002 | 23 | 30 | 23 | | 30 | 23 | | 7 | | | | | | 30 | | 30 | | | | | | 21 | 30 | | | 30 | 30 | | | |
| LYC-115 | Trib., upstream | 5/14/1993 | 4/4/2002 | 12 | 7 | 6 | | 14 | 9 | | 5 | | | | | | 14 | | 14 | | | | | | 8 | 14 | | | 14 | 14 | | | |
| LYC-119 | Ferrier Run | 3/29/1995 | 10/19/2000 | 7 | 10 | 5 | | 12 | 7 | | 1 | | | | | | 12 | | 12 | | | | | | 12 | 12 | | | 12 | 12 | | | |
| LYC-121 | Yellow Creek, downstream | 1/16/1996 | 6/18/2002 | | 3 | | | 4 | | | 4 | | | | | | 4 | | 4 | | | | | | 4 | | | 4 | 4 | | | | |
| LYC-123 | Trib. upstream | 1/16/1996 | 6/18/2002 | | | | | 9 | | | 9 | | | | | | 9 | | 9 | | | | | | 9 | | | 9 | 9 | | | | |
| LYC-124 | Trib. Downstream | 1/16/1996 | 6/18/2002 | | | | | 9 | | | 9 | | | | | | 9 | | 9 | | | | | | 9 | | | 9 | 9 | | | | |
| LYC-126 | Monitoring point stream | 6/10/1997 | 6/10/1997 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LYC-137 | Lucerne No. 2 Mine | 11/20/1986 | 9/17/1998 | 24 | 22 | 21 | | 23 | 22 | | 1 | | | | | | 23 | | 23 | | | | | | 21 | 23 | | | 23 | 23 | | | |
| LYC-155 | Yellow Creek | 4/26/2001 | 9/27/2001 | 6 | 4 | 4 | | 6 | 6 | | 6 | | | | | | 6 | | 6 | | | | | | 6 | 6 | | | 6 | 6 | | | |
| LYC-157 | Yellow Creek | 4/26/2001 | 9/27/2001 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | 6 | | 6 | | | | | | 6 | 6 | | | 6 | 6 | | | |
| LYC-167 | Judy #14 Tributary - above discharge | 10/12/1999 | 4/26/2000 | 3 | 4 | 3 | | 4 | 3 | | 4 | | | | | | | | | | | | | | | | | | | | | | |

Table 4 - Discharge Sample Summary

| Location ID | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron Dissolved | Iron Ferrous | Iron Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids Total Diss. | Solids Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity |
|------------------------------------|-------------------------------|------------------------|-----------------------|------|---------|-----------------|-------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|----------------|--------------|------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|--------------------|------------------------|----------------|---------|-------|-----------|
| Blacklick Creek - Main Stem | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCMS-001 | Bells Mill Mine | 10/19/1973 | 4/16/2004 | 23 | 23 | 23 | | 23 | 23 | | 10 | | | | | | 13 | 23 | | 10 | | | | | 23 | | | 10 | 10 | 10 | 23 | | |
| BCMS-002 | Bells Mill Mine | 10/20/1973 | 9/11/1974 | 18 | 18 | 18 | | 18 | 18 | | | | | | | | 18 | 18 | | | | | | | 18 | | | | | | | | |
| BCMS-003 | Drift Mine | 10/19/1973 | 6/12/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-004 | Jewell No. 3 Mine | 10/19/1973 | 9/4/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-005 | Josephine No. 2 Mine | 11/26/1973 | 6/13/1974 | 8 | 5 | 5 | | 5 | 5 | | | | | | | | 5 | 5 | | | | | | | 5 | | | | | | | | |
| BCMS-006 | Crichton Coal & Coke Co. Mine | 1/24/1974 | 5/13/2004 | 25 | 27 | 25 | | 26 | 25 | | 18 | | | | | | 9 | 27 | | 18 | | | | | 6 | 27 | | 11 | 18 | 18 | 27 | | |
| BCMS-008 | Heshbon Mine Complex #2 | 10/25/1973 | 6/13/1974 | 9 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | | |
| BCMS-009 | Heshbon Mine Complex #3 | 10/25/1973 | 6/13/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-010 | Heshbon Mine Complex #4 | 10/25/1973 | 6/13/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-013 | Artesian shaft | 10/30/1973 | 5/14/2004 | 12 | 24 | 12 | | 24 | 12 | | 13 | | | | | | 12 | 24 | | 12 | | | | | 24 | | 12 | 12 | 12 | 24 | | | |
| BCMS-014 | Thermal No. 15 Mine | 1/29/1973 | 9/10/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-015 | Drift Mine | 11/5/1973 | 6/14/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-016 | Drift mine | 11/5/1973 | 6/7/1974 | 9 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | | |
| BCMS-017 | Drift mine | 11/5/1973 | 9/10/1974 | 12 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-018 | Drift mine | 11/5/1973 | 9/10/1974 | 12 | 10 | 10 | | 10 | 10 | | | | | | | | 10 | 10 | | | | | | | 10 | | | | | | | | |
| BCMS-019 | Drift mine | 11/5/1973 | 12/31/1973 | | 3 | | | 3 | | | | | | | | | 3 | 3 | | | | | | | 3 | | | | | | | | |
| BCMS-020 | Amerford Mine | 11/5/1973 | 9/11/1974 | 12 | 12 | 12 | | 12 | 12 | | 1 | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-021 | Scott Glenn Mine | 11/5/1973 | 9/11/1974 | 16 | 15 | 15 | | 15 | 15 | | | | | | | | 16 | 16 | | | | | | | 15 | | | | | | | | |
| BCMS-022 | Drift Mine | 10/26/1973 | 9/13/1974 | 12 | 12 | 12 | | 12 | 12 | | 1 | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-024 | Drift mine | 10/30/1973 | 9/10/1974 | 12 | 10 | 10 | | 10 | 10 | | | | | | | | 10 | 10 | | | | | | | 10 | | | | | | | | |
| BCMS-027 | Virginian No. 15 Mine | 10/30/1973 | 9/5/1974 | 12 | 12 | 12 | | 12 | 12 | | 1 | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-028 | Virginian No. 15 Mine | 10/30/1973 | 9/5/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-029 | Thermal No. 15 Mine | 1/29/1973 | 9/10/1974 | 11 | 12 | 11 | | 12 | 11 | | 1 | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-031 | Drift mine | 10/25/1973 | 6/17/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-032 | Heshbon Mine Complex | 10/25/1973 | 6/13/1974 | 8 | 9 | 8 | | 9 | 8 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-033 | Drift mine | 10/26/1973 | 12/28/1973 | 3 | 1 | 1 | | 1 | 1 | | | | | | | | 1 | 1 | | | | | | | 1 | | | | | | | | |
| BCMS-036 | Vinton No. 12 Mine | 10/25/1973 | 6/14/1974 | 9 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | | |
| BCMS-037 | Vinton No. 14 mine | 10/25/1973 | 5/7/1974 | 4 | 2 | 2 | | 2 | 2 | | | | | | | | 2 | 2 | | | | | | | 2 | | | | | | | | |
| BCMS-041 | Aulds Run Mine | 10/25/1973 | 6/12/1974 | 8 | 9 | 8 | | 9 | 8 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-043 | Virginian No. 14 Mine | 10/25/1973 | 9/9/1974 | 11 | 9 | 8 | | 9 | 8 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-044 | Luciusboro Mine | 10/26/1973 | 9/6/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-045 | Jewell No. 3 Mine | 10/19/1973 | 9/4/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-046 | Jewell No. 3 Mine | 10/19/1973 | 9/4/1974 | 12 | 10 | 10 | | 10 | 10 | | | | | | | | 10 | 10 | | | | | | | 10 | | | | | | | | |
| BCMS-047 | Jewell No. 3 Mine | 1/23/1974 | 9/4/1974 | 9 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | | |
| BCMS-048 | Drift mine | 1/23/1974 | 5/3/1974 | 2 | 1 | 1 | | 1 | 1 | | | | | | | | 1 | 1 | | | | | | | 1 | | | | | | | | |
| BCMS-049 | Jewell No. 3 Mine | 10/24/1973 | 6/12/1974 | 9 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | | |
| BCMS-050 | Jewell No. 3 Mine | 10/24/1973 | 6/12/1974 | 9 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | | |
| BCMS-051 | Jewell No. 3 Mine | 10/24/1973 | 6/12/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | |
| BCMS-052 | Jewell No. 3 Mine | 10/24/1973 | 9/4/1974 | 12 | 12 | 12 | | 12 | 12 | | 1 | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |
| BCMS-066 | Strip Mine | 6/26/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | | | | | | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | 11 | | | |
| BCMS-074 | Dunkard Creek Coal Co. | 6/26/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | | 12 | | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| BCMS-095 | Deep Mine Discharge | 6/26/1990 | 7/8/1998 | 54 | 55 | 52 | | 55 | 52 | | 55 | | | | | | | 55 | | 55 | | | | | 51 | 55 | | | | 55 | 55 | | |
| BCMS-096 | Deep Mine Discharge | 2/27/1990 | 4/7/1998 | 58 | 57 | 56 | | 57 | 56 | | 51 | | | | | | | 57 | | 57 | | | | | 55 | 57 | | | | 57 | 57 | | |
| BCMS-097 | Wetland Discharge | 10/18/1994 | 3/19/2001 | 28 | 20 | 18 | | 20 | 18 | | | | | | | | | 20 | | 20 | | | | | 17 | 20 | | | | 20 | 20 | | |
| BCMS-098 | Highwall discharge | 10/18/1994 | 3/19/2001 | 26 | 24 | 22 | | 24 | 22 | | 2 | | | | | | | 24 | | 24 | | | | | 22 | 24 | | | | 24 | 24 | | |
| BCMS-105 | Mine Discharge | 5/6/1986 | 6/1/2002 | 57 | 56 | 54 | | 56 | 54 | | 1 | 1 | | | | | | 56 | | 56 | | | | | 52 | 56 | | | 1 | 56 | 56 | | |
| BCMS-106 | Deep Mine Discharge | 11/29/1973 | 5/10/1996 | 46 | 34 | 33 | | 34 | 33 | | | | | | | | 10 | 34 | | 24 | | | | | 22 | 34 | | | | 24 | 34 | | |
| BCMS-110 | Abandoned Strip Discharge | 5/5/1986 | 12/2/1992 | 22 | 13 | 13 | | 21 | 21 | | | | | | | | | 21 | | 21 | | | | | 20 | 21 | | | | 21 | 21 | | |
| BCMS-111 | Deep Mine Discharge | 5/5/1986 | 12/2/1992 | 22 | 22 | 22 | | 22 | 22 | | | | | | | | | 22 | | 22 | | | | | 21 | 22 | | | | 22 | 22 | | |
| BCMS-112 | Deep Mine Discharge | 5/5/1986 | 12/2/1997 | 22 | 23 | 22 | | 23 | 22 | | 1 | | | | | | | 23 | | 23 | | | | | 21 | 23 | | | | 23 | 23 | | |
| BCMS-113 | Abandoned Strip Discharge | 10/28/1988 | 12/2/1992 | 22 | 12 | 12 | | 19 | 19 | | | | | | | | | 19 | | 19 | | | | | 18 | 19 | | | | 19 | 19 | | |

Table 4 - Discharge Sample Summary

| Location ID | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron Dissolved | Iron Ferrous | Iron Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids Total Diss. | Solids Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity | | |
|---------------------------------------|--|------------------------|-----------------------|------|---------|-----------------|-------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|----------------|--------------|------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|--------------------|------------------------|----------------|---------|-------|-----------|----|--|
| BCMS-154 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | 1 | 1 | 1 | | | | | |
| BCMS-156 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-157 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-162 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-163 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-164 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-171 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-172 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-173 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-176 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-177 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-181 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-187 | Discharge | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-190 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-192 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-194 | Discharge Sample | 6/1/2002 | 5/13/2004 | 11 | 12 | 11 | | 12 | 11 | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | | | 12 | | | 11 | 12 | 12 | 12 | | | | |
| BCMS-208 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | | 1 | | | | 1 | 1 | 1 | | | | |
| BCMS-210 | Vintondale Discharge #2 | 6/23/1999 | 8/14/2003 | | 3 | | 7 | 8 | | | 7 | | 2 | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | 7 | | | | 7 | 7 | 8 | | | | |
| BCMS-214 | Virginian No. 14 Mine | 10/25/1973 | 5/13/2004 | 23 | 23 | 23 | | 23 | 23 | | 12 | | 12 | | | | 12 | 23 | | 11 | 11 | 11 | | | 23 | | | 11 | 11 | 11 | 23 | | | | |
| BCMS-216 | Oneida - Deep mine discharge | 6/26/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCMS-217 | Discharge from refuse piles | 6/27/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCMS-218 | Deep mine discharge at Heshbon | 6/26/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCMS-222 | Seeps near old strips, near Rte. 22 peak | 6/27/2003 | 5/13/2004 | 10 | 11 | 10 | | 11 | 10 | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCMS-224 | Discharge across stream from Scott Glen | 6/26/2003 | 5/14/2004 | | 11 | | | 11 | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCMS-229 | Mine Discharge | 6/27/1989 | 6/1/2002 | 2 | 1 | | | 3 | 2 | | 3 | | 1 | | | | | 3 | | 3 | 3 | 3 | 1 | 1 | 1 | | 2 | 3 | 1 | 1 | 3 | 3 | | | |
| BCMS-245 | Second discharge below culvert. | 5/9/2000 | 6/1/2002 | 5 | 5 | 5 | | 5 | 5 | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | | | 5 | | | 1 | 5 | 5 | | | | | |
| BCMS-246 | 50-4 discharge before Laurel Run. | 5/9/2000 | 6/1/2002 | 2 | 5 | 2 | | 5 | 2 | | 5 | | 5 | | | | | 5 | | 5 | 5 | 5 | | | 5 | | | 1 | 5 | 5 | | | | | |
| BCMS-252 | Deep Mine entry along Rte. 56 | 6/26/2003 | 5/13/2004 | 8 | 11 | 8 | | 11 | 8 | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCMS-011 | Point Discharge and Mine Waste Dump Seep | 11/6/1973 | 9/10/1974 | 11 | 10 | 9 | | 10 | 9 | | 11 | | 10 | | | 10 | 10 | 10 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | 10 | |
| BCMS-012 | Point Discharge | 11/6/1973 | 9/10/1974 | 12 | 10 | 10 | | 10 | 10 | | 11 | | 10 | | | 10 | 10 | 10 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | 10 | |
| BCMS-023 | Strip mine seepage | 10/30/1973 | 9/10/1974 | 12 | 9 | 9 | | 9 | 9 | | 11 | | 10 | | | 9 | 9 | 9 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | 9 | |
| BCMS-025 | Caldwell #1 Mine | 10/30/1973 | 9/10/1974 | 12 | 12 | 12 | | 12 | 12 | | 11 | | 10 | | | 12 | 12 | 12 | | 11 | 11 | 11 | | | 12 | | | 11 | 11 | 11 | 11 | | | 12 | |
| BCMS-030 | Seepage Area | 1/29/1973 | 9/10/1974 | 11 | 11 | 11 | | 11 | 11 | | 11 | | 11 | | | 11 | 11 | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | 11 | |
| BCMS-034 | Mine Waste Dump Seepage | 10/30/1973 | 7/29/1974 | 10 | 10 | 10 | | 10 | 10 | | 11 | | 10 | | | 10 | 10 | 10 | | 11 | 11 | 11 | | | 10 | | | 11 | 11 | 11 | 11 | | | 10 | |
| BCMS-038 | Vinton No. 12 Mine | 10/25/1973 | 9/9/1974 | 12 | 12 | 12 | | 12 | 12 | | 11 | | 10 | | | 12 | 12 | 12 | | 11 | 11 | 11 | | | 12 | | | 11 | 11 | 11 | 11 | | | 12 | |
| BCMS-040 | Drift Mine | 6/27/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | 10 | | | 11 | 11 | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | 11 | |
| BCMS-042 | Mine Waste Dump Seepage | 10/25/1973 | 9/11/1974 | 16 | 16 | 16 | | 16 | 16 | | 11 | | 10 | | | 16 | 16 | 16 | | 11 | 11 | 11 | | | 16 | | | 11 | 11 | 11 | 11 | | | 16 | |
| BCMS-054 | Strip pit No. 115 seep | 5/7/1974 | 9/9/1974 | 5 | 5 | 5 | | 5 | 5 | | 11 | | 10 | | | 5 | 5 | 5 | | 11 | 11 | 11 | | | 5 | | | 1 | 5 | 5 | | | 5 | | |
| BCMS-055 | Mine Waste Dump Seepage | 11/6/1973 | 9/10/1974 | 12 | 12 | 12 | | 12 | 12 | | 11 | | 10 | | | 12 | 12 | 12 | | 11 | 11 | 11 | | | 12 | | | 11 | 11 | 11 | 11 | | | 12 | |
| BCMS-056 | Strip mine Drainage Seep | 10/31/1973 | 9/10/1974 | 12 | 12 | 12 | | 12 | 12 | | 11 | | 10 | | | 12 | 12 | 12 | | 11 | 11 | 11 | | | 12 | | | 11 | 11 | 11 | 11 | | | 12 | |
| BCMS-070 | Refuse Pile | 6/26/2003 | 5/14/2004 | 8 | 9 | 8 | | 9 | 8 | | 9 | | 9 | | | 9 | 9 | 9 | | 9 | 9 | 9 | | | 9 | | | 9 | 9 | 9 | 9 | | | 9 | |
| BCMS-094 | Spring | 3/6/1985 | 2/9/1993 | 25 | 18 | 18 | | 18 | 18 | | 11 | | 10 | | | 18 | 18 | 18 | | 18 | 18 | 18 | | | 18 | | | 18 | 18 | 18 | 18 | | | 18 | |
| BCMS-101 | Seep at toe of Lower Freeport Spoil | 2/21/1986 | 9/12/1996 | 35 | 12 | 12 | | 12 | 12 | | 11 | | 10 | | | 12 | 12 | 12 | | 12 | 12 | 12 | | | 13 | | | 12 | 12 | 12 | 12 | | | 12 | |
| BCMS-102 | Combination of Seeps | 7/18/1988 | 10/5/1990 | 10 | 10 | 10 | | 10 | 10 | | 11 | | 10 | | | 10 | 10 | 10 | | 10 | 10 | 10 | | | 10 | | | 10 | 10 | 10 | 10 | | | 10 | |
| BCMS-104 | Seep at Gasline | 5/21/1987 | 5/10/1996 | 35 | 19 | 19 | | 23 | 23 | | 11 | | 10 | | | 23 | 23 | 23 | | 23 | 23 | 23 | | | 21 | | | 25 | 23 | 23 | | | 23 | | |
| BCMS-109 | Seep | 5/6/1986 | 12/2/1992 | 21 | 21 | 21 | | 21 | 21 | | 11 | | 10 | | | 21 | 21 | 21 | | 21 | 21 | 21 | | | 21 | | | 21 | 21 | 21 | | | 21 | | |
| BCMS-227 | Seep | 10/18/1994 | 11/17/1994 | 2 | 2 | 2 | | 2 | 2 | | 11 | | 10 | | | 2 | 2 | 2 | | 2 | 2 | 2 | | | 2 | | | 2 | 2 | 2 | | | 2 | | |
| BCMS-228 | Seep | 10/18/1994 | 11/17/1994 | 2 | 2 | 2 | | 2 | 2 | | 11 | | 10 | | | 2 | 2 | 2 | | 2 | 2 | 2 | | | 2 | | | 2 | 2 | 2 | | | 2 | | |
| BCMS-230 | Seep | 10/30/1973 | 11/17/1994 | 12 | 12 | 12 | | 12 | 12 | | 11 | | 10 | | | 10 | 12 | 12 | | 2 | 2 | 2 | | | 12 | | | 2 | 12 | 12 | | | 12 | | |
| Blacklick Creek - North Branch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCNB-001 | RedMill Mine, Mine #16 | 5/10/1974 | 5/14/2004 | 41 | 42 | 41 | 1 | 42 | 41 | 1 | 30 | 1 | 1 | 2 | 1 | 1 | 28 | 41 | 1 | 30 | 30 | 30 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 31 | 14 | 41 | 1 | 1 | |
| BCNB-005 | Red Mill Mine & Refuse discharge | 6/26/2003 | 5/14/2004 | | 11 | | | 11 | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | | | 11 | | | 11 | 11 | 11 | 11 | | | | |
| BCNB-010 | Refuse Pile seep | 6/26/2003 | 5/14/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | | | 12 | | | 12 | 12 | 12 | 12 | | | 12 | |
| Blacklick Creek - South Branch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCSB-001 | Vinton - Colliers Mine No. 6 | 11/8/1973 | 9/11/1974 | 16 | 16 | 16 | | 16 | 16 | | 11 | | 10 | | | 16 | 16 | 16 | | 11 | 11 | 11 | | | 16 | | | 16 | 16 | 16 | | | 16 | | |
| BCSB-002 | Nanty Glo Mine No. 1 #1 | 11/9/1973 | 9/12/1974 | 9 | 9 | 9 | | 9 | 9 | | 11 | | 10 | | | 9 | 9 | 9 | | 11 | 11 | 11 | | | 9 | | | 9 | 9 | 9 | | | 9 | | |
| BCSB-003 | Nanty Glo Mine No. 1 #2 | 11/9/1973 | 9/12/1974 | 9 | 9 | 9 | | 9 | 9</ | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table 4 - Discharge Sample Summary

| Location ID | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron Dissolved | Iron Ferrous | Iron Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids Total Diss. | Solids Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity |
|------------------------------|---|------------------------|-----------------------|------|---------|-----------------|-------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|----------------|--------------|------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|--------------------|------------------------|----------------|---------|-------|-----------|
| BCSB-013 | Artesian Discharge Point | 12/6/1973 | 8/22/1974 | 10 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | 8 | | |
| BCSB-014 | Vinton No. 3 Mine | 11/8/1973 | 9/10/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | 12 | |
| BCSB-015 | Vinton No. 2 Mine | 11/8/1973 | 9/10/1974 | 12 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | 8 | |
| BCSB-016 | 2 Drift Mine | 11/8/1973 | 9/10/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | 12 | |
| BCSB-017 | Drift Mine | 11/8/1973 | 8/28/2002 | 32 | 19 | 13 | | 34 | 28 | | 24 | | | | | | 10 | 34 | | 24 | | | | | 34 | | | 15 | 24 | 34 | | | |
| BCSB-018 | Commercial No. 16 Mine | 11/9/1973 | 5/13/1974 | 8 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | 8 | |
| BCSB-021 | Ivory Hill Mine | 11/12/1973 | 5/13/1974 | 8 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | 8 | |
| BCSB-025 | Twin Rocks Mine | 11/12/1973 | 5/13/1974 | 8 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | | 8 | |
| BCSB-028 | Refuse pile from Imperial Cardiff Mine and Strip Mine | 7/25/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-064 | Mine Discharge to CPR Site 10 | 7/24/2002 | 12/17/2002 | 4 | | 4 | 4 | 4 | 4 | | 4 | | | | | | | 4 | | 4 | | | | | 4 | | | | 4 | | 4 | | |
| BCSB-065 | Mine Discharge to CPR Site 12 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-066 | Mine Discharge to CPR Site 13 | 7/25/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-068 | Mine Discharge to CPR Site 15 | 7/25/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-069 | Mine Discharge to CPR Site 16 | 7/25/2002 | 1/14/2003 | 5 | | 4 | 4 | 4 | 4 | | 4 | | | | | | | 4 | | 4 | | | | | 4 | | | | 4 | | 4 | | |
| BCSB-072 | Mine Discharge to CPR Site 19 | 12/30/1999 | 1/14/2003 | 9 | 8 | 9 | 5 | 13 | 9 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | | 5 | 8 | 13 | | | |
| BCSB-075 | Mine Discharge to CPR Site 21 | 11/12/1973 | 1/14/2003 | 17 | 12 | 17 | 5 | 17 | 17 | | 5 | | | | | | 12 | 17 | | 5 | | | | | 17 | | | 5 | | 17 | | | |
| BCSB-079 | Mine Discharges to CPR Site 5 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-080 | Mine Discharges to CPR Site 6 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-081 | Mine Discharges to CPR Site 7 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-082 | Mine Discharges to CPR Site 8 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| BCSB-083 | Mine Discharges to CPR Site 9 | 7/24/2002 | 1/14/2003 | 5 | | 3 | 3 | 3 | 3 | | 3 | | | | | | | 3 | | 3 | | | | | 3 | | | | 3 | | 3 | | |
| BCSB-084 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | | | |
| BCSB-087 | Vintondale Discharge #1 | 6/23/1999 | 8/14/2003 | | 5 | | 9 | 10 | | | 9 | | 2 | | 8 | | 9 | 9 | | 9 | | | | | 9 | | | 9 | | 10 | | | |
| BCSB-092 | Lower Kittanning Deep Mine Discharge- N permit area | 3/4/1997 | 9/16/1999 | | 3 | | | 3 | | | 3 | | | | | | | 3 | | 3 | | | | | 3 | | | | 3 | 3 | | | |
| BCSB-095 | Discharge #1 | 8/28/1984 | 9/29/1997 | 34 | | | | 38 | 30 | | 6 | | | | | | | 39 | | 39 | | | | | 39 | | | 39 | 37 | 39 | | | |
| BCSB-099 | Discharge #2 | 9/29/1989 | 3/31/1998 | 77 | | | | 86 | 77 | | 85 | | | | | | | 85 | | 85 | | | | | 86 | | | 32 | 72 | 85 | | | |
| BCSB-100 | Discharge #3 | 7/14/1988 | 3/26/1998 | 98 | | | | 104 | 98 | | 104 | | | | | | | 104 | | 104 | | | | | 104 | | | 33 | 95 | 104 | | | |
| BCSB-101 | Discharge #4 | 7/14/1988 | 12/18/1997 | 91 | | | | 100 | 91 | | 100 | | | | | | | 100 | | 100 | | | | | 100 | | | 30 | 89 | 100 | | | |
| BCSB-112 | Deep Mine West Area | 3/13/1993 | 1/14/2003 | 34 | 17 | 17 | 5 | 40 | 34 | | 32 | | | | | | 37 | | 37 | | | | | | 40 | | | 22 | 35 | 40 | | | |
| BCSB-124 | Discharge #6 | 4/19/1996 | 3/31/1998 | 22 | | | | 25 | 22 | | 25 | | | | | | | 25 | | 25 | | | | | 25 | | | 5 | 24 | 25 | | | |
| BCSB-125 | Discharge #7 | 4/19/1996 | 3/31/1998 | 21 | | | | 23 | 21 | | 23 | | | | | | | 23 | | 23 | | | | | 23 | | | 14 | 22 | 23 | | | |
| BCSB-126 | Impoundment Discharge | 3/28/1995 | 8/28/2002 | 40 | 28 | 22 | | 44 | 38 | | 43 | | | | | | | 44 | | 44 | | | | | 17 | 44 | | 16 | 44 | 44 | | | |
| BCSB-132 | Deep Mine Northern Area #4 | 6/6/2000 | 9/19/2002 | 1 | 3 | 1 | | 3 | 1 | | 3 | | | | | | | 3 | | 3 | | | | | 3 | | | | 3 | 3 | | | |
| BCSB-139 | Artesian well, located outside of S. central permit | 9/10/1996 | 6/12/1998 | 2 | | | | 3 | 2 | | 3 | | | | | | | 3 | | 3 | | | | | 3 | | | 3 | 2 | 3 | | | |
| BCSB-145 | Webster Mine discharge | 4/16/1974 | 6/3/1998 | 18 | 8 | 6 | | 30 | 17 | | 18 | | | | | 11 | 31 | | 23 | | | | | | 31 | | | 16 | 21 | 30 | | | |
| BCSB-157 | Deep Mine Discharge | 3/4/1997 | 9/16/1999 | | 6 | | | 6 | | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | | | 6 | 6 | | | |
| BCSB-158 | Deep Mine Discharge | 3/4/1997 | 11/10/1999 | | 6 | | | 6 | | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | | | 6 | 6 | | | |
| BCSB-159 | Seep | 10/6/2000 | 3/19/2002 | 4 | 4 | 4 | | 4 | 4 | | 4 | | | | | | | 4 | | 4 | | | | | 4 | | | | 4 | 4 | | | |
| BCSB-160 | Seep | 12/30/1999 | 10/6/2000 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BCSB-164 | Discharge | 5/12/1999 | 8/28/2002 | 2 | 6 | 2 | | 6 | 2 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | | | | 6 | 6 | | | |
| BCSB-180 | TR No. 1 | 7/24/1996 | 9/16/1999 | 3 | 14 | 2 | | 14 | 2 | | 14 | | | | | | | 14 | | 14 | | | | | 14 | | | | 14 | 14 | | | |
| BCSB-187 | Deep Mine Discharge | 6/6/2000 | 3/7/2002 | 1 | 2 | 1 | | 2 | 1 | | 2 | | | | | | | 2 | | 2 | | | | | 2 | | | | 2 | 2 | | | |
| BCSB-009 | Drift Waste Dump Seep | 6/4/1974 | 9/12/1974 | 4 | 4 | 4 | | 4 | 4 | | | | | | | 4 | 4 | | | | | | | | 4 | | | | | 4 | | | |
| BCSB-019 | Mine Waste Dump Seepage | 11/9/1973 | 9/12/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | 12 | | | |
| BCSB-020 | Mine Waste Dump Seepage | 11/9/1973 | 9/12/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | 12 | | | |
| BCSB-022 | Ivory Hill Mine | 11/12/1973 | 9/12/1974 | 11 | 4 | 4 | | 4 | 4 | | | | | | | 4 | 4 | | | | | | | | 4 | | | | | 4 | | | |
| BCSB-089 | Seep from Spoil | 7/29/1991 | 12/12/1997 | | | | | 2 | | | 2 | | | | | | | 2 | | 2 | | | | | 2 | | | | 2 | 2 | | | |
| BCSB-108 | Seep Northern Area #2 | 9/30/1988 | 9/24/2002 | 54 | 21 | 12 | | 72 | 54 | | 46 | | | | | | 67 | | 67 | | | | | | 72 | | | 51 | 64 | 72 | | | |
| BCSB-109 | Seep Northern Area #3 | 3/19/1993 | 6/27/1997 | 16 | 1 | | | 22 | 15 | | 22 | | | | | | | 22 | | 22 | | | | | 22 | | | | 21 | 21 | 22 | | |
| BCSB-110 | Seep Northeast Area #1 | 3/19/1993 | 6/27/1997 | 20 | 1 | | | 15 | 13 | | 15 | | | | | | | 15 | | 15 | | | | | 15 | | | | 14 | 14 | 15 | | |
| BCSB-111 | Seep Northeast Area #2 | 9/30/1988 | 9/8/2000 | 30 | 2 | 1 | | 37 | 30 | | 22 | | | | | | | 37 | | 37 | | | | | 37 | | | 33 | 31 | 37 | | | |
| BCSB-119 | Seep Into Culvert | 5/23/1996 | 6/3/1998 | 13 | 1 | | | 14 | 12 | | 8 | | | | | | | 14 | | 14 | | | | | 14 | | | 13 | 13 | 14 | | | |
| BCSB-185 | Seep | 3/4/1997 | 11/10/1999 | | 2 | | | 2 | | | 2 | | | | | | | 2 | | 2 | | | | | 2 | | | | 2 | 2 | | | |
| BCSB-189 | Mine Discharge to CPR Site 11 | 7/24/2002 | 1/14/2003 | 5 | | 5 | 5 | 5 | 5 | | 5 | | | | | | | 5 | | 5 | | | | | 5 | | | | 5 | | 5 | | |
| Lower Blacklick Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LBC-001 | Drift Mine | 10/17/1973 | 9/4/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | 9 | |
| LBC-002 | 2 Drift Mines | 10/17/1973 | 9/4/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | 9 | |
| LBC-003 | Drift Mine | 10/18/1973 | 9/4/1974 | 12 | 11 | 11 | | 11 | 11 | | | | | | | | 11 | 11 | | | | | | | 11 | | | | | | 11 | | |
| LBC-004 | 2 Drift Mines | 10/18/1973 | 9/4/1974 | 7 | 8 | 6 | | 8 | 6 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | 8 | | |
| LBC-005 | Strip mine | 10/23/1973 | 6/11/1974 | 8 | 9 | 8 | | 9 | 8 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | 9 | | |
| LBC-006 | Drift mine | 11/16/1973 | 6/11/1974 | 8 | 8 | 8 | | 8 | 8 | | | | | | | | 8 | 8 | | | | | | | 8 | | | | | | 8 | | |
| LBC-007 | Drift mine | 10/22/1973 | 9/4/1974 | 12 | 12 | 12 | | 12 | 12 | | | | | | | | 12 | 12 | | | | | | | 12 | | | | | | | | |

Table 4 - Discharge Sample Summary

| Location ID | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron Dissolved | Iron Ferrous | Iron Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids Total Diss. | Solids Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity | |
|----------------------------|------------------------------|------------------------|-----------------------|------|---------|-----------------|-------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|----------------|--------------|------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|--------------------|------------------------|----------------|---------|-------|-----------|--|
| LBC-010 | Drift Mine | 10/23/1973 | 6/11/1974 | 9 | 9 | 9 | | 9 | 9 | | | | | | | | 9 | 9 | | | | | | | 9 | | | | | | | | | |
| Upper Twolick Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTLC-027 | Deep mine discharge | 6/23/1999 | 6/6/2002 | 17 | 18 | 17 | | 18 | 17 | | 17 | | | | | | | 18 | 18 | | | | | | 15 | 18 | | | | 18 | 18 | | | |
| UTLC-028 | Mahoning Deep mine discharge | 3/30/2000 | 10/24/2002 | 31 | 29 | 29 | | 31 | 30 | | 32 | | | | | | | 32 | 32 | | | | | | 29 | 32 | | | | 31 | 31 | | | |
| UTLC-029 | Mahoning Deep mine discharge | 3/30/2000 | 10/24/2002 | 43 | 44 | 43 | | 44 | 43 | | 44 | | | | | | | 44 | 44 | | | | | | 42 | 44 | | | | 43 | 43 | | | |
| UTLC-031 | Pontami Mine - Discharge # 1 | 5/6/1987 | 3/13/1991 | 17 | 10 | 10 | | 17 | 17 | | | | | | | | | 17 | 16 | | | | | | 15 | 17 | | | | 17 | 17 | | | |
| UTLC-033 | Deep Mine Discharge | 10/28/1987 | 6/1/2002 | 26 | 27 | 26 | | 27 | 26 | | 1 | | | | | | | 27 | 27 | | | | | | 25 | 27 | | | 1 | 27 | 27 | | | |
| UTLC-036 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-037 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-038 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-040 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-041 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-042 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-045 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-046 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-047 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-050 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-052 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-058 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-059 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-060 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-063 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-064 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-065 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-068 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-069 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-071 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-074 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-075 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-076 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-077 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-079 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-081 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-082 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-085 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-086 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-087 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-088 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-091 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-092 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-094 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-096 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-098 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-099 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-106 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-107 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-108 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-114 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-121 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-122 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-126 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | 1 | 1 | | | |
| UTLC-128 | Discharge Sample | 6/1/2002 | 6/1/2002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table 4 - Discharge Sample Summary

| Location ID | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron Dissolved | Iron Ferrous | Iron Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids Total Diss. | Solids Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity |
|----------------------------|--|------------------------|-----------------------|------|---------|-----------------|-------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|----------------|--------------|------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|--------------------|------------------------|----------------|---------|-------|-----------|
| UTLC-191 | Discharge Southwest of Clymer IUP site 1) | 5/30/2002 | 4/30/2003 | 2 | 13 | 2 | | 13 | 2 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | 11 | 13 | 13 | 13 | | | |
| UTLC-192 | Discharge to NB Two Lick Creek (IUP site 10) | 5/30/2002 | 4/30/2003 | 1 | 8 | 1 | | 8 | 1 | | 8 | | | | | | | 8 | | 8 | | | | | 8 | | 6 | 8 | 8 | 8 | | | |
| UTLC-193 | Discharge to NB Two Lick Creek (IUP site 11) | 2/24/1986 | 4/30/2003 | 18 | 30 | 18 | | 30 | 18 | | 13 | | | | | | | 30 | | 30 | 1 | | 1 | | 15 | 30 | 11 | 13 | 30 | 30 | | | |
| UTLC-197 | Discharge to NB Two Lick Creek (IUP site 13) | 5/30/2002 | 4/30/2003 | 1 | 13 | 1 | | 13 | 1 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | 11 | 13 | 13 | 13 | | | |
| UTLC-201 | Commodore No. 1 Mine (IUP site 15) | 5/30/2002 | 4/30/2003 | 1 | 13 | 1 | | 13 | 1 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | 11 | 13 | 13 | 13 | | | |
| UTLC-204 | Discharge to Two Lick Creek (IUP site 16) | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 11 | 12 | 12 | 12 | | | |
| UTLC-205 | Discharge to NB Two Lick Creek (IUP site 17) | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 11 | 12 | 12 | 12 | | | |
| UTLC-206 | Discharge to NB Two Lick Creek (IUP site 18) | 6/1/2002 | 4/30/2003 | 1 | 10 | 1 | | 10 | 1 | | 10 | | | | | | | 10 | | 10 | | | | | 10 | | 8 | 10 | 10 | 10 | | | |
| UTLC-207 | Discharge to NB Two Lick Creek (IUP site 19) | 9/9/2002 | 4/30/2003 | 1 | 9 | 1 | | 9 | 1 | | 9 | | | | | | | 9 | | 9 | | | | | 9 | | 8 | 9 | 9 | 9 | | | |
| UTLC-217 | Discharge to Two Lick Creek (IUP site 7) | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 11 | 12 | 12 | 12 | | | |
| UTLC-220 | Diamondville Discharge | 6/24/1997 | 4/30/2003 | 12 | 24 | 12 | | 14 | 3 | | 24 | | | | | 11 | | 24 | | 24 | | | | | 24 | | 11 | 14 | 24 | 24 | 1 | | |
| UTLC-223 | Discharge to NB Two Lick Creek (IUP site 9) | 5/30/2002 | 4/30/2003 | 2 | 12 | 2 | | 12 | 2 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 11 | 12 | 12 | 12 | | | |
| UTLC-231 | Discharge to Buck Run (IUP site 4) | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 10 | 12 | 12 | 12 | | | |
| UTLC-232 | Large Seep to Two Lick Creek (IUP site 5) | 5/30/2002 | 4/30/2003 | 1 | 12 | 1 | | 12 | 1 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 11 | 12 | 12 | 12 | | | |
| UTLC-233 | Strip and Waste Pile runoff (IUP site 6) | 5/30/2002 | 4/30/2003 | 1 | 11 | 1 | | 11 | 1 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | 10 | 11 | 11 | 11 | | | |
| UTLC-235 | Starford Area - Refuse Piles | 6/30/2003 | 5/14/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| UTLC-236 | Surface mine discharge below Clymer | 6/30/2003 | 5/14/2004 | 9 | 10 | 9 | | 10 | 9 | | 10 | | | | | | | 10 | | 10 | | | | | 10 | | 10 | 10 | 10 | 10 | | | |
| UTLC-244 | Starford #2 Discharge | 6/1/1986 | 10/26/1996 | 33 | 36 | 33 | | 36 | 33 | | 36 | | | | | | | 36 | | 36 | | | | | 36 | 36 | | | 36 | 36 | | | |
| UTLC-024 | Seep | 9/26/1989 | 7/23/1998 | 70 | 50 | 49 | | 51 | 49 | | 46 | | | | | | | 51 | | 51 | | | | | 50 | 51 | | | 51 | 51 | | | |
| UTLC-025 | Seep from old strip | 3/28/2001 | 9/9/2002 | 7 | | | | 7 | 7 | | 7 | | | | | | | 7 | | 7 | | | | | 5 | 7 | | | 7 | 7 | | | |
| UTLC-026 | Seep from old strip | 3/28/2001 | 9/9/2002 | 7 | | | | 7 | 7 | | 7 | | | | | | | 7 | | 7 | | | | | 5 | 7 | | | 7 | 7 | | | |
| Lower Twolick Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTLC-001 | Potter Mine | 6/26/2003 | 4/16/2004 | 9 | 9 | 9 | | 9 | 9 | | 9 | | | | | | | 9 | | 9 | | | | | 9 | | 9 | 9 | 9 | 9 | | | |
| LTLC-012 | Heavy borehole discharge - aluminum etc. | 6/27/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | 11 | | | |
| LTLC-014 | Homer City Borehole Discharges | 6/27/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | 11 | | | |
| LTLC-020 | Discharge Sample | 6/1/2002 | 6/1/2002 | | 1 | | | 1 | | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LTLC-037 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LTLC-040 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LTLC-047 | Campbell Mine | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LTLC-051 | Penn Hills No. 1 Mine | 6/1/2002 | 5/14/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 11 | 12 | 12 | 12 | | | |
| LTLC-061 | Risinger Shaft Discharge - Homer City | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| LTLC-064 | Josephine Borehole AMD Discharge GW-9 | 5/31/1994 | 8/20/1996 | 34 | 24 | 24 | | 24 | 24 | | 24 | | | | | 23 | | 24 | | 24 | | | | | 24 | 24 | | 24 | 24 | 24 | 24 | | |
| Tearing Run | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TR-002 | Drift Mine | 6/27/2003 | 5/13/2004 | 11 | 11 | 11 | | 11 | 11 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | | 11 | 11 | 11 | 11 | | | |
| TR-005 | Waterman Mine discharge | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| TR-014 | Deep Mine Discharge | 2/27/1990 | 4/12/2000 | 63 | 43 | 43 | | 43 | 43 | | 41 | | | | | | | 43 | | 43 | | | | | 42 | 43 | | | 43 | 43 | | | |
| TR-015 | Deep Mine Discharge | 2/27/1990 | 1/12/2000 | 100 | 85 | 83 | | 86 | 84 | | 84 | | | | | | | 86 | | 86 | | | | | 85 | 86 | | | 86 | 86 | | | |
| TR-017 | Deep Mine Discharge | 8/7/1990 | 1/12/2000 | 95 | 88 | 88 | | 88 | 88 | | 88 | | | | | | | 88 | | 88 | | | | | 87 | 88 | | | 88 | 88 | | | |
| TR-021 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-022 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-023 | Treated Discharge | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-027 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-029 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-030 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-031 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-032 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-033 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-034 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-035 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-036 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-037 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-040 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| TR-048 | Snyder No. 1 Mine #1 | 6/1/2002 | 5/13/2004 | 11 | 12 | 10 | | 12 | 10 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| TR-049 | Snyder No. 1 Mine #2 | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| TR-055 | Tearing Run discharge | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| TR-016 | Seep | 2/27/1990 | 4/12/2000 | 103 | 104 | 102 | | 104 | 102 | | 102 | | | | | | | 104 | | 104 | | | | | 96 | 104 | | | 104 | 104 | | | |
| TR-052 | Graceton No. 3 | 6/27/2003 | 5/13/2004 | 12 | 12 | 12 | | 12 | 12 | | 12 | | | | | | | 12 | | 12 | | | | | 12 | | 12 | 12 | 12 | 12 | | | |
| TR-019 | Seep | 5/10/1994 | 9/15/1997 | 15 | 15 | 15 | | 15 | 15 | | 14 | | | | | | | 15 | | 15 | | | | | 15 | 15 | | | 15 | 15 | | | |
| Lower Yellow Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LYC-019 | Mine Discharge | 7/13/1994 | 10/28/2002 | 126 | 110 | 105 | | 112 | 107</ | | | | | | | | | | | | | | | | | | | | | | | | |

Table 4 - Discharge Sample Summary

| Location ID | Name | First Sample Collected | Last Sample Collected | Flow | Acidity | Acidity Loading | Acidity Hot | Alkalinity | Alkalinity Loading | Aluminum Dissolved | Aluminum Total | Biological Oxygen Demand | Dissolved Oxygen | Fecal Coliform | Hardness | Iron Dissolved | Iron Ferrous | Iron Total | Manganese Dissolved | Manganese Total | Nitrate as N | Nitrite as N | Nitrogen Total | Organic Carbon Total | pH (field) | pH (lab) | Phosphate Total | Solids Total Diss. | Solids Total Suspended | Specific Cond. | Sulfate | Temp. | Turbidity | |
|---------------------------|---|------------------------|-----------------------|------|---------|-----------------|-------------|------------|--------------------|--------------------|----------------|--------------------------|------------------|----------------|----------|----------------|--------------|------------|---------------------|-----------------|--------------|--------------|----------------|----------------------|------------|----------|-----------------|--------------------|------------------------|----------------|---------|-------|-----------|--|
| LYC-022 | Mine Discharge | 2/14/1997 | 5/8/2002 | 45 | 33 | 33 | | 37 | 37 | | 35 | | | | | | | 37 | | 37 | | | | | 32 | 37 | | | | 37 | 37 | | | |
| LYC-023 | Mine Discharge | 1/21/1999 | 8/8/2002 | 54 | 16 | 16 | | 16 | 16 | | 16 | | | | | | | 16 | | 16 | | | | | 16 | 16 | | | | 16 | 16 | | | |
| LYC-024 | Discharge from surface mine | 2/22/1996 | 1/15/2002 | 40 | 35 | 33 | | 35 | 33 | | 30 | | | | | | | 35 | | 35 | | | | | 32 | 35 | | | | 35 | 35 | | | |
| LYC-025 | Soil Discharge | 3/29/1996 | 12/19/2000 | 39 | 37 | 37 | | 37 | 37 | | 36 | | | | | | | 37 | | 37 | | | | | 35 | 37 | | | | 37 | 37 | | | |
| LYC-026 | Mine Discharge | 2/24/1997 | 6/13/2002 | 63 | 48 | 48 | | 48 | 48 | | 46 | | | | | | | 48 | | 48 | | | | | 47 | 48 | | | | 48 | 48 | | | |
| LYC-027 | Mine Discharge | 2/14/1997 | 8/8/2002 | 65 | 39 | 39 | | 39 | 39 | | 38 | | | | | | | 39 | | 39 | | | | | 34 | 39 | | | | 39 | 39 | | | |
| LYC-028 | Mine Discharge | 1/21/1999 | 8/8/2002 | 55 | 55 | 55 | | 55 | 55 | | 55 | | | | | | | 55 | | 55 | | | | | 55 | 55 | | | | 55 | 55 | | | |
| LYC-029 | Mine Discharge | 1/21/1999 | 8/8/2002 | 61 | 56 | 56 | | 56 | 56 | | 56 | | | | | | | 56 | | 56 | | | | | 50 | 56 | | | | 56 | 56 | | | |
| LYC-030 | Mine Discharge | 1/21/1999 | 8/8/2002 | 61 | 47 | 47 | | 47 | 47 | | 47 | | | | | | | 47 | | 47 | | | | | 41 | 47 | | | | 47 | 47 | | | |
| LYC-033 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-034 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-036 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-037 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-039 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-042 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-043 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-044 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-047 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-048 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-051 | Discharge Sample | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-070 | Discharge | 4/26/2001 | 4/26/2001 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-071 | Discharge | 4/26/2001 | 4/26/2001 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| LYC-076 | Tide Borehole | 4/24/1997 | 4/26/2001 | 15 | 18 | 15 | | 18 | 15 | | 18 | | | | | | | 18 | | 18 | | | | | 18 | | | 18 | | 18 | | 18 | | |
| LYC-083 | Lucierne #3 Mine | 4/24/1997 | 6/1/2002 | 6 | 13 | 3 | | 13 | 3 | | 13 | | | | | | | 13 | | 13 | | | | | 13 | | | | 13 | 1 | 13 | | | |
| LYC-086 | Lucierne #2 Borehole under Rt. 119 | 4/24/1997 | 5/13/2004 | 28 | 29 | 28 | | 29 | 28 | | 29 | | | | | | | 29 | | 29 | | | | | | 29 | 11 | 29 | 11 | 29 | | | | |
| LYC-088 | Judy #14 Discharge | 4/24/1997 | 4/26/2001 | 14 | 17 | 14 | | 17 | 14 | | 17 | | | | | | | 17 | | 17 | | | | | 17 | | | 17 | | 17 | | 17 | | |
| LYC-090 | OHM stripmine discharge | 4/24/1997 | 4/26/2001 | 14 | 17 | 14 | | 17 | 14 | | 17 | | | | | | | 17 | | 17 | | | | | 17 | | | 17 | | 17 | | 17 | | |
| LYC-094 | Weir at wetlands near Rt. 119 bridge | 4/24/1997 | 5/13/2004 | 12 | 25 | 12 | | 25 | 12 | | 25 | | | | | | | 25 | | 25 | | | | | 25 | | | 25 | 12 | 25 | 12 | 25 | | |
| LYC-097 | Deep mine discharge southeast of Tide | 5/22/1992 | 10/22/1993 | 11 | 11 | 11 | | 11 | 11 | | 11 | | | | | | | 11 | | 11 | | | | | 11 | 11 | | | 11 | 11 | 11 | 11 | | |
| LYC-125 | Discharge from sediment pond | 6/10/1997 | 6/10/1997 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LYC-127 | Discharge from sediment pond | 6/10/1997 | 6/10/1997 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LYC-079 | Tide Refuse Pile Seep | 4/24/1997 | 4/26/2001 | 16 | 17 | 16 | | 17 | 16 | | 17 | | | | | | | 17 | | 17 | | | | | 17 | | | 17 | | 17 | | 16 | | |
| LYC-080 | Tide Refuse Pile Seep - grassy area | 10/2/1997 | 4/26/2001 | 14 | 14 | 14 | | 14 | 14 | | 14 | | | | | | | 14 | | 14 | | | | | 14 | | | 14 | | 14 | | 14 | | |
| LYC-095 | Discharge below ACV refuse pit | 4/24/1997 | 6/1/2002 | 17 | 18 | 17 | | 18 | 17 | | 18 | | | | | | | 18 | | 18 | | | | | 18 | | | 18 | 1 | 18 | | 18 | | |
| LYC-101 | West side of valley near Rt. 954 | 5/14/1993 | 6/8/1993 | 2 | 2 | 2 | | 2 | 2 | | 2 | | | | | | | 2 | | 2 | | | | | 2 | 2 | | | 2 | 2 | 2 | 2 | | |
| LYC-102 | West side of valley near Rt. 954 Seep 1 | 5/14/1993 | 6/8/1993 | 1 | 2 | 1 | | 2 | 1 | | 2 | | | | | | | 2 | | 2 | | | | | 2 | 2 | | | 2 | 2 | 2 | 2 | | |
| LYC-103 | West side of valley near Rt. 954 Seep 2 | 5/14/1993 | 6/8/1993 | 2 | 2 | 2 | | 2 | 2 | | 2 | | | | | | | 2 | | 2 | | | | | 2 | 2 | | | 2 | 2 | 2 | 2 | | |
| LYC-104 | West side of valley near Rt. 954 Seep 3 | 5/14/1993 | 6/8/1993 | 2 | 2 | 2 | | 2 | 2 | | 2 | | | | | | | 2 | | 2 | | | | | 2 | 2 | | | 2 | 2 | 2 | 2 | | |
| Upper Yellow Creek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UYC-007 | Deep mine discharge | 8/10/2000 | 5/7/2001 | 8 | 4 | 4 | | 6 | 4 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | 6 | | | | 6 | 6 | | 6 | |
| UYC-032 | Heilwood No. 2 and No. 3 Mines | 6/1/2002 | 6/1/2002 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | | |
| UYC-042 | Deep mine discharge | 11/30/2000 | 4/12/2001 | 6 | 6 | 6 | | 6 | 6 | | 6 | | | | | | | 6 | | 6 | | | | | 6 | 6 | | | | 6 | 6 | | 6 | |