

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 300

STRIP MINE NEAR FIVE POINTS

| DATE | GPM | PH | PPM | | | | | PPD | | | | |
|----------|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | | |
| 02-25-69 | 6 | 6.8 | 10 | 0 | 0.0 | 19 | .7 | .0 | .0 | .0 | 1.4 | |
| 03-12-69 | 6 | 6.9 | 12 | 0 | 0.0 | 19 | .9 | .0 | .0 | .0 | 1.4 | |
| 04-16-69 | 12 | 6.6 | 10 | 0 | 0.0 | 29 | 1.4 | .0 | .0 | .0 | 4.2 | |
| 05-14-69 | 22 | 6.5 | 11 | 0 | 0.1 | 29 | 2.9 | .0 | .0 | .0 | 7.7 | |
| 06-18-69 | 12 | 6.9 | 14 | 0 | 1.9 | 0 | 2.0 | .0 | .0 | .3 | .0 | |
| 07-22-69 | 2 | 7.2 | 26 | 0 | 0.2 | 19 | .6 | .0 | .0 | .0 | .5 | |
| 08-19-69 | 6 | 7.0 | 18 | 0 | 0.3 | 0 | 1.3 | .0 | .0 | .0 | .0 | |
| 09-23-69 | 1 | 7.2 | 22 | 0 | 0.1 | 19 | .3 | .0 | .0 | .0 | .2 | |
| 10-21-69 | 6 | 7.1 | 28 | 0 | 0.8 | 19 | 2.0 | .0 | .0 | .1 | 1.4 | |
| 11-17-69 | 6 | 7.4 | 20 | 0 | 0.1 | 29 | 1.4 | .0 | .0 | .0 | 2.1 | |
| 12-17-69 | 12 | 6.6 | 16 | 0 | 0.1 | 38 | 2.3 | .0 | .0 | .0 | 5.5 | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 301

STRIP MINE BETWEEN MONTFAU AND WEST SUNBURY

| DATE | GPM | PH | PPM | | | | | | | | |
|----------|------------------------------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| | | | ALK | ACD | T,FE | S04 | ALK | ACD | T,FE | S04 | |
| 02-25-69 | 1 | 6.5 | 12 | 0 | 0.1 | 384 | .1 | .0 | .0 | .0 | 4.6 |
| 03-12-69 | NO SAMPLE AVAILABLE - FROZEN | | | | | | | | | | |
| 04-16-69 | 2 | 6.2 | 14 | 0 | 0.6 | 182 | .3 | .0 | .0 | .0 | 4.4 |
| 05-14-69 | 6 | 6.6 | 6 | 0 | 0.3 | 38 | .4 | .0 | .0 | .0 | 2.7 |
| 06-18-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 07-22-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 08-19-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 09-23-69 | | 6.7 | 42 | 0 | 0.3 | 134 | .0 | .0 | .0 | .0 | .0 |
| 10-21-69 | 2 | 6.7 | 30 | 0 | 0.5 | 125 | .7 | .0 | .0 | .0 | 3.0 |
| 11-17-69 | NO SAMPLE AVAILABLE - FROZEN | | | | | | | | | | |
| 12-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SB 302

STRIP MINE BETWEEN MONTTFAU AND WEST SUNBURY

| DATE | GPM | PH | PPM | | | | PPD | | | | |
|----------|------------------------------|-----|-----|-----|------|-----|-----|-----|------|-----|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 02-25-69 | 1 | 6.6 | 18 | 0 | 0.2 | 144 | .2 | .0 | .0 | 1.7 | |
| 03-12-69 | NO SAMPLE AVAILABLE - FROZEN | | | | | | | | | | |
| 04-16-69 | 1 | 6.8 | 20 | 0 | 0.1 | 144 | .2 | .0 | .0 | 1.7 | |
| 05-14-69 | 4 | 6.6 | 10 | 0 | 0.1 | 29 | .5 | .0 | .0 | 1.4 | |
| 06-18-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 07-22-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 08-19-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 09-23-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 10-21-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 11-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 12-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 303

STRIP MINE BETWEEN MONITEAU AND WEST SUNBURY

| DATE | GPM | PH | PPM | | | | | PPD | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|-----|------|-----|
| | | | ALK | ACD | T.FE | SU4 | ALK | ACD | T.FE | S04 |
| 02-25-69 | 2 | 6.8 | 10 | 2 | 0.1 | 38 | .2 | .0 | .0 | .9 |
| 03-12-69 | 1 | 6.8 | 8 | 0 | 0.5 | 48 | .1 | .0 | .0 | .6 |
| 04-16-69 | 6 | 6.8 | 8 | 0 | 0.1 | 38 | .6 | .0 | .0 | 2.7 |
| 05-14-69 | 6 | 6.5 | 8 | 0 | 0.2 | 29 | .6 | .0 | .0 | 2.1 |
| 06-18-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 07-22-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 08-19-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 09-23-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 10-21-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 11-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 12-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 305

STRIP MINE BETWEEN MONITEAU AND WEST SUNBURY

| DATE | GPM | PH | PPM | | | | PPD | | | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|-----|------|-----|------|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 02-25-69 | 1 | 6.6 | 14 | 0 | 0.3 | 211 | .2 | .0 | .0 | .0 | 2.5 |
| 03-12-69 | 1 | 6.7 | 22 | 0 | 0.7 | 154 | .3 | .0 | .0 | .0 | 1.8 |
| 04-16-69 | 6 | 6.7 | 10 | 0 | 0.1 | 29 | .7 | .0 | .0 | .0 | 2.1 |
| 05-14-69 | 34 | 6.7 | 6 | 2 | 0.2 | 38 | 3.3 | .8 | .1 | .0 | 15.5 |
| 06-18-69 | 2 | 7.5 | 86 | 0 | 1.2 | 336 | 2.1 | .0 | .0 | .0 | 6.1 |
| 07-22-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 08-19-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 09-23-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 10-21-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 11-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 12-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER HR 306

STRIP MINE NEAR WEST LITRERTY

| DATE | GPM | PH | ALK | PPM | | | | S04 | ALK | PPD | | |
|----------|------------------------------|-----|-----|-----|------|------|-----|-----|-----|------|-----|--|
| | | | | ACD | T.FE | T.FE | ACD | | | T.FE | S04 | |
| 03-12-69 | 1 | 3.9 | 0 | 44 | 0.1 | 163 | .0 | .5 | .0 | 2.0 | | |
| 04-16-69 | 6 | 3.2 | 0 | 48 | 0.2 | 211 | .0 | 3.5 | .0 | 15.2 | | |
| 05-14-69 | 12 | 3.7 | 0 | 52 | 0.3 | 211 | .0 | 7.5 | .0 | 30.4 | | |
| 06-18-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 07-22-69 | 2 | 3.6 | 0 | 76 | 3.7 | 211 | .0 | 1.8 | .1 | 5.1 | | |
| 08-19-69 | 1 | 3.6 | 0 | 46 | 3.8 | 67 | .0 | .6 | .0 | .8 | | |
| 09-23-69 | 1 | 3.6 | 0 | 40 | 1.4 | 154 | .0 | .5 | .0 | 1.8 | | |
| 10-21-69 | 1 | 3.8 | 0 | 44 | 0.5 | 173 | .0 | .5 | .0 | 2.1 | | |
| 11-17-69 | NO SAMPLE AVAILABLE - FROZEN | | | | | | | | | | | |
| 12-17-69 | 2 | 3.7 | 0 | 80 | 0.4 | 250 | .0 | 1.9 | .0 | 6.0 | | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFTR NUMBER HR 307

STRIP MINE NEAR WEST LIBERTY

| DATE | GPM | PH | PPM | | | | | PPD | | | | |
|----------|-----|-----|-----|-----|------|-----|------|-----|------|------|--|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | | |
| 03-12-69 | 22 | 6.4 | 16 | 0 | 0.0 | 67 | 4.2 | .0 | .0 | 17.7 | | |
| 04-16-69 | 50 | 5.5 | 8 | 2 | 0.0 | 77 | 4.8 | 1.2 | .0 | 46.2 | | |
| 05-14-69 | 50 | 5.8 | 6 | 4 | 0.2 | 48 | 3.6 | 2.4 | .1 | 28.8 | | |
| 06-18-69 | 22 | 6.7 | 28 | 0 | 2.2 | 38 | 7.4 | .0 | .6 | 10.0 | | |
| 07-22-69 | 34 | 6.6 | 14 | 0 | 1.2 | 67 | 5.7 | .0 | .5 | 27.3 | | |
| 08-19-69 | 34 | 6.5 | 16 | 0 | 4.3 | 173 | 6.5 | .0 | 1.8 | 70.6 | | |
| 09-23-69 | 6 | 6.7 | 64 | 0 | 5.9 | 19 | 4.6 | .0 | .4 | 1.4 | | |
| 10-21-69 | 34 | 6.6 | 28 | 0 | 2.7 | 77 | 11.4 | .0 | 1.1 | 31.4 | | |
| 11-17-69 | 34 | 6.8 | 28 | 0 | 1.6 | 67 | 11.4 | .0 | .7 | 27.3 | | |
| 12-17-69 | 34 | 4.6 | 8 | 14 | 0.4 | 115 | 3.3 | 5.7 | .2 | 46.9 | | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFTR NUMBER HR 308

STRIP MINE NEAR WEST TRERTY

| DATE | GPM | PH | PPM | | | | PPD | | | |
|----------|---------------------------|-----|-----|-----|------|------|-----|------|------|------|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 |
| 03-12-69 | 1 | 3.9 | 0 | 342 | 15.8 | 1574 | .0 | 4.1 | .2 | 18.9 |
| 04-16-69 | 4 | 3.4 | 0 | 170 | 7.0 | 96 | .0 | 8.2 | .3 | 4.6 |
| 05-14-69 | 6 | 3.6 | 0 | 265 | 6.3 | 1315 | .0 | 19.1 | .5 | 94.7 |
| 06-18-69 | 1 | 3.3 | 0 | 340 | 7.2 | 1430 | .0 | 4.1 | .1 | 17.2 |
| 07-22-69 | 2 | 3.4 | 0 | 186 | 5.8 | 1286 | .0 | 4.5 | .1 | 30.9 |
| 08-19-69 | 1 | 3.2 | 0 | 162 | 9.1 | 1430 | .0 | 1.9 | .1 | 17.2 |
| 09-23-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 10-21-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 11-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 12-17-69 | 1 | 3.8 | 0 | 158 | 8.6 | 1392 | .0 | 1.9 | .1 | 16.7 |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 309

DEEP MINE NEAR STONE HOUSE

| DATE | GPM | PH | PPM | | | | | PPD | | | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|------|------|------|--|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | | |
| 03-12-69 | 2 | 3.9 | 0 | 236 | 6.1 | 595 | .0 | 5.7 | .0 | 14.3 | | |
| 04-16-69 | 9 | 3.9 | 0 | 142 | 0.1 | 643 | .0 | 15.3 | .0 | 69.4 | | |
| 05-14-69 | 6 | 4.0 | 0 | 176 | 0.1 | 566 | .0 | 12.7 | .0 | 40.8 | | |
| 06-18-69 | 1 | 3.8 | 0 | 280 | 0.2 | 605 | .0 | 3.4 | .0 | 7.3 | | |
| 07-22-69 | 1 | 3.8 | 0 | 358 | 0.4 | 192 | .0 | 4.3 | .0 | 2.3 | | |
| 08-19-69 | 2 | 3.9 | 0 | 248 | 0.4 | 730 | .0 | 6.0 | .0 | 17.5 | | |
| 09-23-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 10-21-69 | 1 | 4.3 | 0 | 152 | 4.2 | 845 | .0 | 1.8 | .1 | 10.1 | | |
| 11-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 12-17-69 | 2 | 4.0 | 0 | 190 | 1.6 | 710 | .0 | 4.6 | .0 | 17.0 | | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BR 310

DEEP MINE NEAR STONE HOUSE

| DATE | GPM | PH | ALK | PPM | | | | PPD | | | |
|----------|-----|-----|-----|-----|------|-----|-----|------|------|-------|--|
| | | | | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 03-12-69 | 12 | 4.2 | 2 | 136 | 1.4 | 346 | .3 | 19.6 | .2 | 49.8 | |
| 04-16-69 | 60 | 3.8 | 0 | 108 | 0.7 | 29 | .0 | 77.8 | .5 | 20.9 | |
| 05-14-69 | 94 | 4.1 | 0 | 72 | 0.6 | 192 | .0 | 81.2 | .7 | 216.6 | |
| 06-18-69 | 22 | 4.0 | 0 | 280 | 1.3 | 470 | .0 | 73.9 | .3 | 124.1 | |
| 07-22-69 | 2 | 4.1 | 0 | 224 | 1.3 | 490 | .0 | 5.4 | .0 | 11.8 | |
| 08-19-69 | 12 | 4.3 | 2 | 118 | 2.7 | 374 | .3 | 17.0 | .4 | 53.9 | |
| 09-23-69 | 1 | 4.0 | 0 | 90 | 2.7 | 365 | .0 | 1.1 | .0 | 4.4 | |
| 10-21-69 | 6 | 4.5 | 4 | 130 | 2.5 | 403 | .3 | 9.4 | .2 | 29.0 | |
| 11-17-69 | 2 | 4.5 | 4 | 148 | 1.5 | 480 | .1 | 3.6 | .0 | 11.5 | |
| 12-17-69 | 34 | 4.1 | 0 | 102 | 1.2 | 288 | .0 | 41.6 | .5 | 117.5 | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BR 311

STRIP MINE NEAR STONE HOUSE

| DATE | GPM | PH | ALK | PPM | | | | PPD | | | |
|----------|-----|-----|-----|-----|------|-----|-----|------|------|-------|--|
| | | | | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 03-12-69 | 22 | 3.4 | 0 | 76 | 3.9 | 182 | .0 | 20.1 | 1.0 | 48.0 | |
| 04-16-69 | 34 | 3.2 | 0 | 66 | 1.6 | 154 | .0 | 26.9 | .7 | 62.8 | |
| 05-14-69 | 50 | 3.3 | 0 | 75 | 4.0 | 125 | .0 | 45.0 | 2.4 | 75.0 | |
| 06-18-69 | 6 | 3.2 | 0 | 66 | 6.2 | 173 | .0 | 6.2 | .4 | 12.5 | |
| 07-22-69 | 12 | 3.2 | 0 | 114 | 13.0 | 221 | .0 | 16.4 | 1.9 | 31.8 | |
| 08-19-69 | 34 | 3.1 | 0 | 100 | 15.4 | 278 | .0 | 40.8 | 6.3 | 113.4 | |
| 09-23-69 | 4 | 3.1 | 0 | 126 | 10.3 | 288 | .0 | 6.0 | .5 | 13.8 | |
| 10-21-69 | 12 | 3.3 | 0 | 116 | 10.7 | 307 | .0 | 16.7 | 1.5 | 44.2 | |
| 11-17-69 | 12 | 3.5 | 0 | 156 | 9.9 | 298 | .0 | 22.5 | 1.4 | 42.9 | |
| 12-17-69 | 22 | 3.4 | 0 | 74 | 5.9 | 173 | .0 | 19.5 | 1.6 | 45.7 | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 312

STRIP MINE NEAR STONE HOUSE

| DATE | GPM | PH | PPM | | | | PPD | | | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|-----|------|------|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 03-12-69 | 1 | 3.9 | 0 | 56 | 0.2 | 144 | .0 | .7 | .0 | 1.7 | |
| 04-16-69 | 17 | 4.3 | 2 | 8 | 0.0 | 48 | .4 | 1.6 | .0 | 9.8 | |
| 05-14-69 | 34 | 4.6 | 1 | 6 | 0.0 | 38 | .4 | 2.4 | .0 | 15.5 | |
| 06-18-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 07-22-69 | 1 | 3.7 | 0 | 96 | 0.5 | 288 | .0 | 1.2 | .0 | 3.5 | |
| 08-19-69 | 1 | 3.5 | 0 | 54 | 2.2 | 125 | .0 | .6 | .0 | 1.5 | |
| 09-23-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 10-21-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 11-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 12-17-69 | 12 | 4.2 | 0 | 14 | 0.3 | 19 | .0 | 2.0 | .0 | 2.7 | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER RR 313

STRIP MINE NEAR STONE HOUSE

| DATE | GPM | PH | PPM | | | | PPD | | | |
|----------|-----------|-----------|-----|-----|------|-----|-----|-----|------|-----|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 |
| 03-12-69 | 1 | 6.0 | 14 | 8 | 0.7 | 106 | .2 | .1 | .0 | 1.3 |
| 04-16-69 | 6 | 6.0 | 10 | 0 | 0.0 | 48 | .7 | .0 | .0 | 3.5 |
| 05-14-69 | 12 | 5.4 | 3 | 6 | 0.0 | 38 | .4 | .9 | .0 | 5.5 |
| 06-18-69 | NO SAMPLE | AVAILABLE | - | DRY | | | | | | |
| 07-22-69 | NO SAMPLE | AVAILABLE | - | DRY | | | | | | |
| 08-19-69 | 1 | 6.9 | 52 | 0 | 0.2 | 86 | .6 | .0 | .0 | 1.0 |
| 09-23-69 | NO SAMPLE | AVAILABLE | - | DRY | | | | | | |
| 10-21-69 | NO SAMPLE | AVAILABLE | - | DRY | | | | | | |
| 11-17-69 | NO SAMPLE | AVAILABLE | - | DRY | | | | | | |
| 12-17-69 | NO SAMPLE | AVAILABLE | - | DRY | | | | | | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 314

STRIP MINE NEAR KOHLMAYER CORNER

| DATE | GPM | PH | PPM | | | | PPD | | | |
|----------|-----|-----|------|-----|------|-----|-----|------|------|-------|
| | | | ALK. | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 |
| 04-07-69 | 70 | 4.5 | 6 | 26 | 0.4 | 86 | 5.0 | 21.8 | .3 | 72.2 |
| 05-05-69 | 34 | 4.2 | 0 | 20 | 0.6 | 86 | .0 | 8.2 | .2 | 35.1 |
| 06-02-69 | 12 | 4.3 | 2 | 20 | 0.6 | 106 | .3 | 2.9 | .1 | 15.3 |
| 07-08-69 | 22 | 4.2 | 4 | 30 | 0.8 | 58 | 1.1 | 7.9 | .2 | 15.3 |
| 08-04-69 | 9 | 3.9 | 0 | 26 | 2.4 | 106 | .0 | 2.8 | .3 | 11.4 |
| 09-08-69 | 12 | 4.2 | 8 | 20 | 1.9 | 163 | 1.2 | 2.9 | .3 | 23.5 |
| 10-06-69 | 2 | 5.8 | 10 | 16 | 6.8 | 269 | .2 | .4 | .2 | 6.5 |
| 11-03-69 | 34 | 4.3 | 0 | 24 | 0.9 | 134 | .0 | 9.8 | .4 | 54.7 |
| 12-08-69 | 193 | 4.2 | 0 | 28 | 0.8 | 96 | .0 | 64.8 | 1.9 | 222.3 |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 315

STRIP MINE NEAR WEST SUNBURY

| DATE | GPM | PH | PPM | | | | | PPD | | | | |
|----------|-----|-----|-----|-----|------|-----|-------|-----|------|--------|--|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | | |
| 04-16-69 | 50 | 6.9 | 110 | 0 | 7.2 | 682 | 66.0 | .0 | 4.3 | 409.2 | | |
| 05-14-69 | 70 | 6.7 | 84 | 0 | 11.4 | 442 | 70.6 | .0 | 9.6 | 371.3 | | |
| 06-18-69 | 50 | 6.8 | 144 | 0 | 25.0 | 730 | 86.4 | .0 | 15.0 | 438.0 | | |
| 07-22-69 | 60 | 6.9 | 160 | 0 | 28.7 | 902 | 115.2 | .0 | 20.7 | 649.4 | | |
| 08-19-69 | 70 | 6.8 | 102 | 0 | 19.3 | 634 | 85.7 | .0 | 16.2 | 532.6 | | |
| 09-23-69 | 70 | 6.6 | 142 | 0 | 32.8 | 864 | 119.3 | .0 | 27.6 | 725.8 | | |
| 10-21-69 | 94 | 6.7 | 126 | 0 | 29.4 | 806 | 142.1 | .0 | 33.2 | 909.2 | | |
| 11-17-69 | 70 | 6.6 | 140 | 0 | 44.0 | 720 | 117.6 | .0 | 37.0 | 604.8 | | |
| 12-17-69 | 123 | 6.7 | 102 | 0 | 32.2 | 701 | 150.6 | .0 | 47.5 | 1034.7 | | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER WC 316

DEEP MINE NEAR REDMOND

| DATE | GPM | PH | PPM | | | | | PPD | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|-----|------|-----|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 |
| 04-15-69 | 1 | 4.7 | 4 | 20 | 0.1 | 278 | .0 | .2 | .0 | 3.3 |
| 05-13-69 | 2 | 3.4 | 0 | 78 | 1.0 | 154 | .0 | 1.9 | .0 | 3.7 |
| 06-10-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 07-15-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 08-12-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 09-16-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 10-13-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 11-10-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |
| 12-11-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 317

STRIP MINE NEAR COALTOWN

| DATE | GPM | PH | PPM | | | | | | | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|------|------|------|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 05-20-69 | 12 | 5.2 | 0 | 78 | 0.2 | 125 | .0 | 11.2 | .0 | 18.0 | |
| 06-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 07-21-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 08-18-69 | 1 | 4.1 | 0 | 8 | 0.0 | 154 | .0 | .1 | .0 | 1.8 | |
| 09-22-69 | 1 | 4.0 | 0 | 14 | 0.2 | 154 | .0 | .2 | .0 | 1.8 | |
| 10-20-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 11-12-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 12-16-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WETR NUMBER SR 318

STRIP MINE NEAR ARGENTINE

| DATE | GPM | PH | PPM | | | | | PPD | | | | |
|----------|-----|-----|-----|-----|------|-----|-----|-----|------|------|--|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | | |
| 07-09-69 | 2 | 3.4 | 0 | 150 | 1.2 | 317 | .0 | 3.6 | .0 | 7.6 | | |
| 08-05-69 | 1 | 3.3 | 0 | 114 | 1.9 | 317 | .0 | 1.4 | .0 | 3.8 | | |
| 09-09-69 | 2 | 3.4 | 0 | 108 | 1.5 | 211 | .0 | 2.6 | .0 | 5.1 | | |
| 10-07-69 | 2 | 3.5 | 0 | 60 | 1.1 | 202 | .0 | 1.9 | .0 | 4.8 | | |
| 11-04-69 | 2 | 3.7 | 0 | 86 | 1.6 | 202 | .0 | 2.1 | .0 | 4.8 | | |
| 12-09-69 | 6 | 3.7 | 0 | 78 | 1.5 | 182 | .0 | 5.6 | .1 | 13.1 | | |

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 319

DEEP MINE NEAR STONE HOUSE

| DATE | GPM | PH | PPM | | | | PPM | | | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | |
| 07-21-69 | 1 | 7.3 | 48 | 0 | 0.2 | 163 | .6 | .0 | .0 | .0 | 2.0 |
| 08-18-69 | 1 | 7.6 | 90 | 0 | 1.2 | 192 | 1.1 | .0 | .0 | .0 | 2.3 |
| 09-22-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 10-20-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | |
| 11-12-69 | 1 | 7.9 | 88 | 0 | 0.0 | 202 | 1.1 | .0 | .0 | .0 | 2.4 |
| 12-16-69 | 1 | 6.5 | 12 | 0 | 0.6 | 144 | .1 | .0 | .0 | .0 | 1.7 |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFTR NUMBER BR 320

DFFP MINE NEAR STONE HOUSE

| DATE | GPM | PH | PPM | | | | | | S04 | PPD | | |
|----------|---------------------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|--|
| | | | ALK | ACD | T.FE | ALK | ACD | T.FE | | S04 | | |
| 07-21-69 | 2 | 6.9 | 24 | 0 | 0.4 | 154 | .6 | .0 | .0 | .0 | 3.7 | |
| 08-18-69 | 1 | 7.3 | 34 | 0 | 0.1 | 173 | .4 | .0 | .0 | .0 | 2.1 | |
| 09-22-69 | 1 | 7.2 | 36 | 0 | 0.2 | 96 | .4 | .0 | .0 | .0 | 1.2 | |
| 10-20-69 | 1 | 7.3 | 62 | 0 | .0 | 48 | .7 | .0 | .0 | .0 | .6 | |
| 11-12-69 | NO SAMPLE AVAILABLE | | | | | | | | | | | |
| 12-16-69 | 6 | 6.6 | 12 | 0 | 2.0 | 77 | .9 | .0 | .1 | .1 | 5.5 | |

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 162

STRIP MINE NEAR SHERWIN

| DATE | GPM | PH | PPM | | | | | PPD | | | | |
|----------|---------------------------|-----|-----|-----|------|-----|-----|------|------|-------|--|--|
| | | | ALK | ACD | T.FE | S04 | ALK | ACD | T.FE | S04 | | |
| 01-13-69 | 1 | 3.6 | 0 | 220 | 9.7 | 624 | .0 | 2.6 | .1 | 7.5 | | |
| 02-11-69 | 22 | 3.8 | 0 | 186 | 4.8 | 547 | .0 | 49.1 | 1.3 | 144.4 | | |
| 03-17-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 04-14-69 | 1 | 3.8 | 0 | 58 | 1.0 | 221 | .0 | .7 | .0 | 2.7 | | |
| 05-12-69 | 2 | 3.8 | 0 | 60 | 4.8 | 182 | .0 | 1.4 | .1 | 4.4 | | |
| 06-09-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 07-14-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 08-11-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |
| 09-15-69 | NO SAMPLE AVAILABLE - DRY | | | | | | | | | | | |

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MINE DRAINAGE REPORT

SLIPPERY ROCK CRFEK BASIN

WEIR NUMBER ST 321