

EXHIBIT P

Commonwealth of Pennsylvania
Department of Mines and Mineral Industries

**MD Pollution Abatement Measures
for the Beech Creek Watershed**

MD DISCHARGE LOADS TRIBUTARY TO SANDY RUN(1)

| | <u>Design Average</u> | | | <u>Design Wet Weather</u> | | | <u>Design Maximum</u> | | |
|------------------------------------|------------------------------|---------------------------|---|------------------------------|---------------------------|---|------------------------------|---------------------------|---|
| | <u>Avg. Daily Rate (gpm)</u> | <u>Total Iron lbs/day</u> | <u>Acid (as CaCO₃) lbs/day</u> | <u>Avg. Daily Rate (gpm)</u> | <u>Total Iron lbs/day</u> | <u>Acid (as CaCO₃) lbs/day</u> | <u>Avg. Daily Rate (gpm)</u> | <u>Total Iron lbs/day</u> | <u>Acid (as CaCO₃) lbs/day</u> |
| MD Discharge 76 | 40.4 | 0.10 | 19.4 | 74.4 | 0.09 | 31.2 | 1,550 | 1.86 | 465.0 |
| Contrary Run | 80.8 | 5.98 | 103.5 | 142.6 | 7.08 | 171.4 | 2,978 | 139.00 | 3,226.0 |
| Beauty Run | 6.7 | 0.12 | 60.3 | 11.1 | 0.17 | 113.0 | 231 | 2.77 | 2,080.0 |
| Tributary M | 81.2 | 20.62 | 643.0 | 139.6 | 28.12 | 931.7 | 2,914 | 469.18 | 14,791.0 |
| Stream Sampling Station T18 | | | | | | | | | |
| Tributary N | 2,718.0 | 1,178.75 | 11,781.0 | 4,257.4 | 2,074.65 | 17,938.8 | 88,744 | 35,506.97 | 361,490.0 |
| MD Discharge 139 | 24.2 | 1.45 | 296.0 | 41.6 | 3.24 | 469.0 | 869 | 52.10 | 9,650.0 |
| MD Discharge 137 | 10.1 | 11.50 | 297.0 | 19.0 | 20.10 | 627.0 | 396 | 404.00 | 11,400.0 |
| MD Discharge 138 | 1.3 | 3.74 | 34.3 | 2.8 | 7.96 | 67.2 | 59 | 156.00 | 1,350.0 |
| MD Discharge 140 | 10.8 | 7.13 | 156.0 | 16.9 | 12.90 | 225.0 | 354 | 212.00 | 4,250.0 |
| MD Discharge 120 | 40.4 | 1.21 | 262.0 | 77.6 | 2.61 | 368.0 | 1,620 | 48.60 | 6,220.0 |
| MD Discharge 119 | 20.2 | 3.03 | 104.0 | 39.6 | 7.18 | 181.0 | 826 | 119.00 | 3,470.0 |
| Stream Sampling Station T16 | | | | | | | | | |
| MD Discharge 118 | 13.4 | 0.43 | 37.8 | 22.2 | 0.75 | 61.3 | 463 | 11.10 | 1,220.0 |
| Tributary O | 123.3 | 16.11 | 1,189.8 | 215.0 | 31.93 | 1,964.6 | 4,488 | 507.45 | 37,180.0 |
| MD Discharge 151 | 108.0 | 25.90 | 868.0 | 147.0 | 26.10 | 1,080.0 | 3,070 | 368.00 | 21,700.0 |
| Stream Sampling Station T15 | | | | | | | | | |
| Tributary P | 1,151.0 | 375.25 | 10,133.1 | 1,893.6 | 478.01 | 16,117.5 | 39,469 | 7,866.13 | 271,127.0 |
| Tributary Q | 109.0 | 16.76 | 104.3 | 204.9 | 6.68 | 188.0 | 4,276 | 95.16 | 2,709.6 |
| Stream Sampling Station T13 | | | | | | | | | |

(1) See Plate III-A for location of streams, MD Discharge Points and Stream Sampling Stations.