

EXHIBIT O

Commonwealth of Pennsylvania
Department of Mines and Mineral Industries

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

MD DISCHARGE LOADS

TRIBUTARY TO BEECH CREEK NORTH FORK(1)

	Design Average			Design Wet Weather			Design Maximum		
	Avg. Daily Rate (gpm)	Total Iron lbs/day	Acid (as CaCO ₃) lbs/day	Avg. Daily Rate (gpm)	Total Iron lbs/day	Acid (as CaCO ₃) lbs/day	Avg. Daily Rate (gpm)	Total Iron lbs/day	Acid (as CaCO ₃) lbs/day
MD Discharge 1	9.4	0.02	16.9	18.2	0.04	30.6	380.0	0.91	456.0
MD Discharge 2	0.0	0.00	0.0	0.0	0.00	0.0	69.0	0.83	124.0
MD Discharge 3	0.0	0.00	0.0	0.0	0.00	0.0	103.0	7.42	371.0
MD Discharge 63	4.0	0.19	15.4	8.4	0.62	43.3	175.0	8.40	630.0
Tributary A	108.5	14.38	675.0	174.4	23.73	868.4	3,642.0	287.63	14,349.6
Stream Sampling Station NF6									
MD Discharge 62	6.7	0.12	8.8	12.7	0.14	16.8	264.0	1.58	285.0
Tributary B	203.8	563.93	4,219.6	368.1	1,197.85	7,932.3	7,799.0	24,119.94	162,901.6
Stream Sampling Station NF5									
MD Discharge 16	3.4	1.02	8.8	5.5	1.16	13.9	116.0	13.90	244.0
Tributary C	485.6	10.47	323.7	785.3	14.99	518.2	16,447.0	257.95	8,995.1
MD Discharge 54	2.7	0.10	0.3	4.0	0.09	0.0	83.0	1.10	0.0
MD Discharge 55	9.4	0.34	1.1	15.8	0.87	0.9	330.0	9.90	0.0
Stream Sampling Station NF4									
MD Discharge 56	1.1	0.07	0.7	1.6	0.09	0.9	33.0	0.99	7.9
MD Discharge 57	5.4	0.65	5.2	9.5	1.49	10.3	198.0	23.80	143.0
Cherry Run	364.4	146.13	916.5	600.6	210.89	1,346.8	12,523.0	3,257.64	24,432.5
Tributary D	328.6	18.67	301.0	533.5	26.62	497.4	11,137.0	359.94	8,546.2
Little Sandy Run	1,188.2	425.26	2,273.1	2,079.5	680.38	3,941.8	42,497.0	11,313.53	73,033.8
Stream Sampling Station NF3									
Tributary H	216.0	39.00	1,040.0	358.0	36.50	1,610.0	7,470.0	627.00	26,900.0
MD Discharge 96	1.6	0.05	7.2	2.4	0.05	6.0	50.0	0.90	90.0
MD Discharge 97	87.6	7.36	263.0	169.0	12.60	497.0	3,540.0	212.00	9,770.0
MD Discharge 95	16.2	1.17	23.3	26.4	1.71	36.4	552.0	26.50	662.0
Tributary I	0.0	0.00	0.0	0.0	0.00	0.0	40.0	2.40	48.0
Tributary J	37.7	14.50	76.9	69.7	31.80	130.0	1,450.0	522.00	2,440.0
Stream Sampling Station NF2									
MD Discharge 105	741.0	245.00	7,110.0	1,540.0	538.00	19,400.0	32,200.0	9,660.00	232,000.0
MD Discharge 106	2.7	0.07	1.3	4.7	0.12	2.3	99.0	2.38	35.6

Stream Sampling Station NF1

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