

EXHIBIT V

Commonwealth of Pennsylvania
Department of Mines and Mineral Industries

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

**ANTICIPATED CONSTITUENTS AND CHARACTERISTICS OF
VARIOUS WATERSHED STREAMS**

Stream Sampling Station(1)	pH			Total Iron (mg/l)			Alkalinity (as CaCO ₃) (mg/l)			Acidity (as CaCO ₃) (mg/l)		
	Aver- age	Maxi- mum	Mini- mum	Aver- age	Maxi- mum	Mini- mum	Aver- age	Maxi- mum	Mini- mum	Aver- age	Maxi- mum	Mini- mum
BC1	6.6	7.0	6.2	0.2	0.7	<0.1	0	8	0	16	24	0
BC2	6.5	6.9	6.2	0.3	0.8	<0.1	0	8	0	16	24	0
T1	6.4	6.9	5.6	0.1	0.2	<0.1	0	0	0	20	24	12
BC3	6.4	6.7	6.1	0.3	0.8	<0.1	0	8	0	18	24	0
T2	6.6	7.0	6.4	0.2	0.5	<0.1	0	0	0	20	36	2
T3	6.6	7.0	6.2	0.1	0.2	<0.1	0	10	0	10	20	0
T4	6.6	7.0	5.3	0.2	0.6	<0.1	0	0	0	20	32	2
T5	6.5	7.1	5.7	0.1	0.2	<0.1	0	0	0	20	30	0
T6	6.1	6.7	5.1	0.1	0.2	<0.1	0	0	0	20	32	6
T7	6.3	7.0	5.0	0.1	0.3	<0.1	0	0	0	20	30	2
T8	5.2	6.0	4.4	0.2	0.6	0.1	0	0	0	20	40	10
T9	6.5	6.9	6.0	0.1	0.3	<0.1	0	0	0	20	24	4
T10	6.1	6.8	4.6	0.1	0.2	<0.1	0	0	0	20	28	4
T11	5.6	6.4	4.6	0.1	0.2	<0.1	0	0	0	20	36	4
T12	5.3	6.1	4.4	0.1	0.2	<0.1	0	0	0	20	40	6
BC4	6.2	6.6	5.8	0.3	1.0	0.1	0	6	0	18	26	0
T13	6.5	7.0	6.0	0.3	1.5	0.1	0	10	0	16	24	0
T14	5.5	6.2	4.8	0.2	0.7	<0.1	0	0	0	20	32	6
T15	5.0	5.8	4.4	0.2	0.7	0.1	0	0	0	24	36	10
T16	4.8	5.6	4.2	0.2	0.7	0.1	0	0	0	25	36	10
T17	4.6	5.4	4.0	0.6	2.0	0.2	0	0	0	30	40	10
T18	5.4	6.0	4.8	0.2	0.7	0.1	0	0	0	20	30	0
T19	5.8	6.4	5.2	0.2	0.5	<0.1	0	10	0	22	30	0
T20	4.1	4.7	3.1	0.8	3.9	<0.1	0	0	0	61	130	36
T21	3.7	4.1	3.0	1.8	5.2	0.2	0	0	0	43	60	32
T22	6.2	6.5	5.7	0.3	1.0	0.1	0	0	0	20	32	4
BC5	6.0	6.4	5.5	0.4	1.2	0.2	0	2	0	20	30	0
SF1	6.2	6.6	5.6	0.2	0.6	<0.1	0	4	0	18	30	0
T27	4.1	4.8	3.5	1.0	1.7	0.3	0	0	0	62	188	42
T28	4.3	5.1	3.5	2.0	3.3	0.6	0	0	0	66	204	46
SF2	6.5	7.0	5.9	0.2	0.7	<0.1	0	10	0	12	22	0
SF3	6.5	7.0	5.9	0.2	0.7	<0.1	0	0	0	10	20	0
NF1	5.0	6.4	4.4	0.4	1.2	0.2	0	2	0	20	28	0
NF2	4.8	6.4	4.2	0.5	1.6	0.2	0	6	0	20	30	0
T23	5.2	6.0	4.4	0.2	0.8	<0.1	0	0	0	20	30	6
NF3	4.6	6.6	4.0	0.7	2.0	0.2	0	10	0	22	30	0
T24	4.8	5.4	4.2	0.2	0.7	0.1	0	0	0	18	32	0
T25	5.5	6.5	4.8	0.2	0.6	<0.1	0	0	0	20	40	6
T26	5.2	6.3	4.7	0.2	0.5	<0.1	0	0	0	20	32	1
NF4	4.1	4.8	3.7	0.6	1.6	0.3	0	0	0	28	50	16
NF5	4.0	4.6	3.6	0.7	2.0	0.4	0	0	0	32	54	20
NF6	4.0	4.6	3.6	0.5	1.2	0.3	0	0	0	32	54	20

(1) See Plates I, III-A and III-B for location of Stream Sampling Stations.