

APPENDIX A
FIELD DATA AND CHEMICAL ANALYSIS
SOURCE SAMPLING

FIELD DATA AND CHEMICAL ANALYSIS - SOURCE SAMPLING

PINEY CREEK WATERSHED WEIR NUMBER PY-1 Strip mine on unnamed tributary to mouth of Piney Creek north of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	2.9	824	0	50.3	1225	0	19.8	1.21	29.4
11-15-75	6	3.0	784	0	31.0	1350	0	56	2.23	97
12-16-75	12	3.3	224	0	7.1	540	0	32.3	1.02	78
01-14-76	34	3.9	130	0	2.9	375	0	53	1.18	154
02-16-76	12	3.4	276	0	9.3	1025	0	39.7	1.34	148
03-15-76	6	2.5	656	0	31.7	1225	0	47.2	2.28	88.2
04-19-76	1	3.0	1166	0	38.2	2050	0	14.0	0.46	24.6
05-17-76	1	2.7	880	0	38.7	1575	0	10.6	0.46	18.9
06-14-76	34	3.5	108	0	1.8	348	0	44.1	0.73	142
07-14-76	2	3.9	126	0	1.4	438	0	3.02	0.03	10.5
08-16-76	2	3.4	222	0	3.4	500	0	5.33	0.08	12.2
09-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.5	108	0	1.4	348	0	0	0	0
MAX.	34	3.9	1166	0	50.3	2025	0	47.2	2.28	154
AVG.	9.3	3.2					0	27.1	0.92	66.9

PINEY CREEK WATERSHED WEIR NUMBER PY-2 Strip mine on unnamed tributary to mouth of Piney Creek north of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	2.9	1856	0	18.0	3100	0	445	0.43	74
11-15-75	6	3.0	2448	0	12.0	4150	0	176	0.86	299
12-16-75	6	3.2	1320	0	6.0	1825	0	95	0.43	131
01-14-76	9	3.6	1080	0	4.5	2000	0	117	0.49	216
02-16-76	6	3.5	676	0	5.5	1825	0	48.7	0.40	131
03-15-76	2	3.3	1202	0	11.7	2000	0	28.8	0.28	48.0
04-19-76	2	3.1	1604	0	8.6	3800	0	38.5	0.21	91
05-17-76	2	3.1	1400	0	9.5	2470	0	33.6	0.23	59
06-14-76	50	3.1	678	0	6.7	1025	0	407	4.02	615
07-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	1	2.9	1466	0	5.1	2900	0	17.6	0.06	34.8
09-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.9	676	0	4.5	1025	0	0	0	0
MAX.	50	3.6	2448	0	18.0	4150	0	407	4.02	615
AVG.	7.2	3.2					0	84	0.62	142

PINEY CREEK WATERSHED WEIR NUMBER PY-3 Strip mine on unnamed tributary to mouth of Piney Creek north of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	3.1	880	0	4.8	1425	0	21.1	0.12	34.2
11-15-75	2	3.2	764	0	3.7	1975	0	18.3	0.09	47.4
12-16-75	9	3.4	584	0	2.2	900	0	63	0.24	97
01-14-76	22	3.5	574	0	4.0	1000	0	152	1.06	264
02-16-76	17	3.6	530	0	7.7	1375	0	108	1.57	281
03-15-76	2	3.6	794	0	7.7	1550	0	19.1	0.18	37.2
04-19-76	2	3.3	684	0	4.5	1600	0	16.4	0.11	38.4
05-17-76	6	3.1	718	0	4.7	1350	0	52	0.34	97
06-14-76	193	3.1	776	0	6.1	963	0	1797	14.1	2230
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	2	3.2	974	0	3.8	1625	0	23.4	0.09	39.0
09-16-76	1	3.3	400	0	2.1	638	0	4.8	0.03	7.66
MIN.	0	3.1	400	0	2.1	638	0	0	0	0
MAX.	193	3.6	974	0	7.7	1975	0	1797	14.1	2230
AVG.	22	3.3					0	207	1.63	288

PINEY CREEK WATERSHED WEIR NUMBER PY-4 Strip mine on unnamed tributary to mouth of Piney Creek north of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	3.7	416	0	0.2	2000	0	4.99	0.002	24.0
11-15-75	2	3.3	560	0	0.1	1625	0	6.72	0.002	19.5
12-16-75	9	3.9	252	0	0.1	960	0	27.2	0.01	104
01-14-76	2	3.7	340	0	0.1	775	0	4.08	0.002	9.30
02-16-76	6	4.0	186	0	0.1	1625	0	13.4	0.01	117
03-15-76	4	3.9	338	0	0.1	1275	0	16.2	0.005	61
04-19-76	2	4.0	546	0	0.1	1313	0	13.1	0.002	31.5
05-17-76	6	3.9	426	0	0.3	1250	0	30.7	0.02	90
06-14-76	12	3.7	126	0	1.8	325	0	18.1	0.26	46.8
07-14-76	2	3.7	134	0	0.3	1138	0	3.22	0.007	27.3
08-16-76	2	3.7	524	0	0.35	1450	0	12.6	0.008	34.8
09-16-76	2	3.7	438	0	0.9	1050	0	10.5	0.02	25.2
MIN.	1	3.3	126	0	0.1	325	0	3.22	0.002	9.30
MAX.	12	4.0	560	0	1.8	2000	0	30.7	0.26	117
AVG.	4.2	3.8					0	13.4	0.03	44.2

PINEY CREEK WATERSHED WEIR NUMBER PY-5 Strip mine on unnamed tributary to mouth of Piney Creek north of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	6.0	24	24	0.1	120	0.29	0.29	0.001	1.44
11-15-75	12	3.7	596	0	6.6	1175	0	86	0.95	169
12-16-75	50	3.6	252	0	3.1	750	0	151	1.86	450
01-14-76	193	3.4	370	0	4.1	863	0	857	9.50	1999
02-16-76	70	3.9	270	0	3.8	1350	0	227	3.19	1134
03-15-76	70	3.6	392	0	6.8	1350	0	329	5.71	1134
04-19-76	34	3.4	588	0	4.8	1375	0	240	1.96	561
05-17-76	34	3.4	414	0	5.4	1050	0	169	2.20	428
06-14-76	397	3.5	226	0	1.9	413	0	1077	9.05	1968
07-14-76	123	3.5	260	0	1.0	875	0	384	1.48	1292
08-16-76	34	3.4	430	0	1.1	1350	0	175	0.45	551
09-16-76	12	3.3	472	0	1.0	1088	0	68	0.14	157
MIN.	1	3.3	24	0	0.1	120	0	0.29	0.001	1.44
MAX.	397	6.0	596	24	6.8	1375	0.29	1077	9.50	1999
AVG.	86	3.7					0.02	314	3.0	820

PINEY CREEK WATERSHED WEIR NUMBER PY-100 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	12	3.9	344	0	1.6	1600	0	49.5	0.23	230
11-16-75	2	3.6	172	0	3.0	1500	0	4.13	0.07	36.0
12-17-75	12	4.2	184	18	0.9	790	2.6	26.5	0.13	2.59
01-15-76	12	3.8	224	0	0.3	575	0	32.3	0.04	83
02-19-76	34	3.9	200	0	0.5	550	0	82	0.20	224
03-16-76	12	4.0	220	0	1.3	875	0	31.5	0.19	126
04-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-21-76	22	6.5	20	82	22	675	21.6	5.28	5.81	178
MIN.	0	3.6	20	0	0.3	550	0	0	0	0
MAX.	34	6.5	344	82	22	1600	21.6	82	5.81	230
AVG.	8.8	4.3					2.0	17.3	0.56	73

PINEY CREEK WATERSHED WEIR NUMBER PY-101 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	1	5.7	8	132	1.4	2200	1.58	0.10	0.02	26.4
11-21-75	NO SAMPLE AVAILABLE - STRIPPED OUT		-	-	-	-	-	-	-	-
12-19-75	NO SAMPLE AVAILABLE - STRIPPED OUT		-	-	-	-	-	-	-	-
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	2	7.5	16	48	35.2	375	1.15	0.38	0.84	9.00
03-16-76	2	8.1	14	158	1.2	1563	3.79	0.34	0.03	37.5
04-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-21-76	34	6.6	44	84	18	675	34.3	18.0	7.34	275
MIN.	0	5.7	8	48	1.2	375	0	0	0	0
MAX.	34	8.1	44	158	35.2	2200	34.3	18.0	7.34	275
AVG.	4.9	7.0					5.10	2.35	1.03	43.5

PINEY CREEK WATERSHED WEIR NUMBER PY-102 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	6	8.1	2	56	92.0	125	4.03	0.14	6.62	9.00
03-16-76	2	8.3	0	38	0.5	360	0.91	0	0.01	8.64
04-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	8.1	0	38	0.5	125	0	0	0	0
MAX.	6	8.3	2	56	92.0	360	4.03	0.14	6.62	9.00
AVG.	0.7	8.2					0.45	0.01	0.60	1.60

PINEY CREEK WATERSHED WEIR NUMBER PY-103 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-19-76	6	8.3	0	78	110.5	240	5.62	0	7.96	17.3
03-16-76	2	7.9	2	24	0.7	160	0.58	0.05	0.02	3.84
04-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	7.9	0	24	0.7	160	0	0	0	0
MAX.	6	8.3	2	78	110.5	240	5.62	0.05	7.96	17.3
AVG.	0.7	8.1					0.56	0.01	0.73	1.92

PINEY CREEK WATERSHED WEIR NUMBER PY-104 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-19-76	12	3.2	506	0	27.5	1300	0	73	4.01	187
03-16-76	2	4.6	212	20	156.0	1550	0.48	5.09	3.74	37.2
04-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	3.2	212	0	27.5	1300	0	0	0	0
MAX.	12	4.6	506	20	156.0	1550	0.48	73	4.01	187
AVG.	1.3	3.9					0.04	7.09	0.71	20.4

PINEY CREEK WATERSHED WEIR NUMBER PY-105 Strip mine on unnamed tributary to Piney Creek southwest of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-17-75	22	3.5	600	0	15.2	975	0	158	4.01	257
01-15-76	6	3.2	400	0	17.7	800	0	28.8	1.27	58
02-23-76	2	3.2	580	0	30.5	875	0	13.9	0.73	21.0
03-16-76	2	3.9	100	0	0.8	360	0	2.40	0.02	8.64
04-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-21-76	2	6.7	50	96	23	850	2.30	1.20	0.55	20.4
MIN.	0	3.2	50	0	0.8	360	0	0	0	0
MAX.	22	6.7	600	96	30.5	975	2.30	158	4.01	257
AVG.	2.8	4.1					0.19	17.0	0.55	30.4

PINEY CREEK WATERSHED WEIR NUMBER PY-106 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-21-75	NO SAMPLE AVAILABLE	- STRIPPED OUT	-	-	-	-	-	-	-	-
12-19-75	NO SAMPLE AVAILABLE	- STRIPPED OUT	-	-	-	-	-	-	-	-
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-19-76	6	3.6	260	0	9.5	875	0	18.7	0.68	63
03-16-76	6	8.3	0	32	1.0	225	2.30	0	0.07	16.2
04-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	3.6	0	0	1.0	225	0	0	0	0
MAX.	6	8.3	260	32	9.5	875	2.30	18.7	0.68	63
AVG.	1	6.0					0.26	2.08	0.08	8.80

PINEY CREEK WATERSHED WEIR NUMBER PY-107 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	6	5.2	104	52	30.0	1225	3.74	7.49	2.16	88
11-16-75	2	4.7	172	28	50.0	1350	0.67	4.13	1.20	32.4
12-17-75	6	4.4	420	6	63.0	1825	0.43	30.2	4.54	131
01-15-76	12	4.0	320	0	38.2	1250	0	46	5.50	180
02-19-76	22	3.5	326	0	70.2	1450	0	86	18.5	383
03-16-76	6	4.7	196	24	73.0	1800	1.73	14.1	5.26	130
04-20-76	6	5.7	150	26	60.0	1413	1.87	10.8	4.32	102
05-20-76	4	5.6	296	20	63.2	1275	0.96	14.2	3.03	61
06-14-76	12	4.3	194	0	38.0	1225	0	27.9	5.47	176
07-16-76	6	6.0	162	36	46.5	1313	2.59	11.7	3.35	95
08-17-76	2	6.2	50	78	37.5	1750	1.87	1.20	0.90	42.0
09-21-76	50	5.6	30	8	72.0	1050	4.80	18.0	43.2	630
MIN.	2	3.5	30	0	30.0	1050	0	1.20	0.90	32.4
MAX.	50	6.2	420	78	73.0	1825	4.80	86.0	43.2	630
AVG.	11	5.0					1.56	22.6	8.12	171

PINEY CREEK WATERSHED WEIR NUMBER PY-108 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	2	5.4	16	20	0.6	450	0.48	0.38	0.01	10.8
11-16-75	2	4.4	48	12	0.2	500	0.29	1.15	0.004	12.0
12-17-75	6	4.8	64	14	0.1	460	1.01	4.61	0.007	33.1
01-15-76	9	7.5	16	12	0.2	195	1.30	1.73	0.02	21.1
02-19-76	12	8.0	4	24	2.4	190	3.46	0.58	0.35	27.4
03-16-76	6	5.3	28	20	0.2	283	1.44	2.02	0.01	20.4
04-20-76	2	6.1	16	26	2.1	410	0.62	0.38	0.05	9.84
05-20-76	1	4.4	114	10	0.1	575	0.12	1.37	0.001	6.90
06-14-76	6	4.4	94	0	1.8	275	0	6.77	0.13	19.8
07-16-76	4	6.3	158	24	0.3	350	1.15	7.58	0.01	16.8
08-17-76	1	4.9	44	40	0.25	65	0.48	0.53	0.003	0.78
09-21-76	17	6.4	6	62	49	600	12.6	1.22	10.0	122
MIN.	1	4.4	4	0	0.1	65	0.01	0.38	0.001	0.78
MAX.	17	8.0	158	62	49	600	12.6	7.58	10.0	122
AVG.	5.7	5.7					1.91	2.36	1.96	25.1

PINEY CREEK WATERSHED WEIR NUMBER PY-109 Strip mine on unnamed tributary to Piney Creek west of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-19-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
01-15-76	2	7.9	6	26	27.2	195	0.62	0.14	0.65	4.68
02-19-76	12	8.2	2	28	21.7	190	4.03	0.29	3.12	27.4
03-16-76	12	8.2	2	90	44.5	270	13.0	0.29	6.41	38.9
04-20-76	6	6.2	8	48	41.2	365	3.46	0.58	2.97	26.3
05-20-76	6	6.9	40	92	50.0	800	6.62	2.88	3.60	58
06-14-76	12	5.7	18	24	30.0	255	3.46	2.59	4.32	36.7
07-16-76	17	6.4	154	30	38.8	475	6.12	31.4	7.92	97
08-17-76	6	6.1	22	60	65.0	813	4.32	1.58	4.68	59
09-21-76	4	5.2	62	2	49	500	0.10	2.98	2.35	24.0
MIN.	0	5.2	2	2	21.7	190	0	0	0	0
MAX.	17	8.2	154	92	65.0	813	13.0	31.4	7.92	97
AVG.	6.4	6.8					3.48	3.56	3.00	31.0

PINEY CREEK WATERSHED WEIR NUMBER PY-110 Strip mine to unnamed tributary to Piney Creek south of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	22	3.1	408	0	145	1100	0	108	38.3	290
11-16-75	50	3.0	360	0	125	1250	0	216	75	750
12-17-75	22	3.4	368	0	105	1100	0	97	27.7	290
01-15-76	22	3.7	400	0	114.7	1425	0	106	30	376
02-23-76	12	3.6	140	0	105	1800	0	20.2	15.1	259
03-16-76	50	4.1	364	4	176.2	1600	2.40	218	106	960
04-20-76	34	4.4	388	0	166.7	1500	0	158	68	612
05-20-76	34	3.7	438	0	153.0	1375	0	179	62	561
06-14-76	34	3.1	362	0	143.0	1150	0	148	58	469
07-16-76	34	5.3	356	6	190.0	1100	2.45	145	78	449
08-17-76	22	3.8	422	0	161.2	1263	0	111	42.6	333
09-21-76	34	3.4	42	0	37	253	0	17.1	15.1	103
MIN.	12	3.0	42	0	37	253	0	17.1	15.1	103
MAX.	50	5.3	438	6	190.0	1800	2.45	218	106	960
AVG.	31	3.7					0.40	127.0	51.3	454

PINEY CREEK WATERSHED WEIR NUMBER PY-111 Deep mine on unnamed tributary to Piney Creek southwest of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-17-75	6	4.7	32	10	0.2	53	0.72	2.30	0.01	3.82
01-15-76	22	4.8	22	16	0.1	75	4.22	5.81	0.03	19.8
02-23-76	6	3.6	106	0	0.1	180	0	7.63	0.007	13.0
03-16-76	2	6.3	6	8	0.6	88	0.19	0.14	0.01	2.11
04-20-76	2	5.0	8	10	0.2	133	0.24	0.19	0.005	3.19
05-20-76	2	4.8	28	8	0.75	115	0.19	0.67	0.02	2.76
06-15-76	22	7.0	10	12	0.4	120	3.17	2.64	0.11	31.7
07-14-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-16-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
09-21-76	4	2.8	80	0	14	1050	0	3.84	0.67	50
MIN.	0	2.8	6	0	0.1	53	0	0	0	0
MAX.	22	7.0	106	16	0.75	1050	4.22	7.63	0.67	50
AVG.	5.5	4.9					0.73	1.93	0.07	10.5

PINEY CREEK WATERSHED WEIR NUMBER PY-112 Deep mine (stripped) on unnamed tributary to Piney Creek south of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	2	2.9	1560	0	234	3100	0	37.4	5.62	74
11-16-75	6	2.8	1520	0	275	3950	0	109	19.8	284
12-17-75	2	3.2	1228	0	187	4350	0	29.5	4.49	104
01-15-76	9	2.9	1946	0	243	4000	0	210	26.2	432
02-23-76	34	2.6	1400	0	103.2	1625	0	571	42.1	663
03-16-76	12	3.1	1092	0	143.7	3650	0	157	20.7	526
04-20-76	12	3.2	864	0	120.7	3650	0	124	17.4	526
05-20-76	6	2.9	1348	0	124.2	2000	0	97	8.94	144
06-15-76	12	2.8	1082	0	45.0	1238	0	156	6.48	178
07-16-76	9	2.8	1214	0	142.5	2190	0	131	15.4	237
08-17-76	6	3.0	1206	0	288.0	2900	0	87	20.7	209
09-21-76	9	2.7	1244	0	210	3075	0	134	22.7	332
MIN.	2	2.6	864	0	45.0	1238	0	37.4	4.49	74
MAX.	34	3.2	1946	0	288.0	4350	0	571	42.1	663
AVG.	9.9	2.9					0	154	17.5	309

PINEY CREEK WATERSHED WEIR NUMBER PY-113 Deep mine and runoff on unnamed tributary to Piney Creek south of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-19-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
01-14-76			NO SAMPLE AVAILABLE - FROZEN	-	-	-	-	-	-	-
02-23-76	2	7.2	6	8	1.0	50	0.19	0.14	0.02	1.20
03-16-76	1	3.9	124	0	0.7	800	0	1.49	0.008	9.60
04-20-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
05-20-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
06-17-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
07-14-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-16-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
09-21-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
MIN.	0	3.9	6	0	0.7	50	0	0	0	0
MAX.	2	7.2	124	8	1.0	800	0.19	1.49	0.02	9.60
AVG.	0.3	5.6					0.02	0.15	0.003	0.98

PINEY CREEK WATERSHED WEIR NUMBER PY-114 Strip mine on unnamed tributary to Piney Creek south of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	6	3.5	152	0	3.2	650	0	10.9	0.23	46.8
11-16-75	12	3.2	148	0	3.4	675	0	21.3	0.49	97
12-17-75	34	3.5	160	0	1.8	335	0	65	0.73	137
01-15-76	50	3.5	218	0	2.0	600	0	131	1.20	360
02-23-76	50	3.5	240	0	5.6	325	0	144	3.36	195
03-16-76	22	3.7	146	0	2.7	800	0	38.5	0.71	211
04-21-76	6	3.4	124	0	1.7	347	0	8.93	0.12	25.0
05-20-76	6	3.4	156	0	2.5	538	0	11.2	0.18	38.7
06-15-76	22	3.2	118	0	1.7	198	0	31.2	0.45	52
07-16-76	22	3.5	152	0	1.8	278	0	40.1	0.48	73
08-17-76	6	3.4	178	0	3.5	238	0	12.8	0.25	17.1
09-21-76	6	3.2	74	0	5.1	223	0	5.33	0.37	16.1
MIN.	6	3.2	74	0	1.7	198	0	5.33	0.12	17.1
MAX.	50	3.7	240	0	5.6	800	0	144	3.36	360
AVG.	20	3.4					0	43.4	0.71	106

PINEY CREEK WATERSHED WEIR NUMBER PY-115 Strip mine on unnamed tributary to Piney Creek south of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	2	3.2	656	0	7.8	1100	0	15.7	0.19	26.4
11-16-75	2	3.0	508	0	7.8	1550	0	12.2	0.19	37.2
12-17-75	2	3.2	420	0	4.6	800	0	10.1	0.11	19.2
01-15-76	34	3.3	800	0	9.5	1225	0	326	3.88	500
02-23-76	34	2.8	554	0	10.6	975	0	226	4.32	398
03-16-76	22	3.4	480	0	8.9	1225	0	127	2.35	323
04-21-76	4	2.9	490	0	11.0	1475	0	23.5	0.53	71
05-20-76	2	2.7	734	0	4.8	963	0	17.6	0.12	23.1
06-15-76	1	2.8	330	0	1.7	638	0	3.96	0.02	7.66
07-16-76	9	2.9	488	0	15.0	1350	0	53	1.62	146
08-17-76	2	2.9	602	0	10.1	1098	0	14.4	0.24	26.1
09-21-76	6	3.1	234	0	1.3	375	0	16.8	0.09	27.0
MIN.	1	2.7	234	0	1.3	375	0	3.96	0.02	7.66
MAX.	34	3.4	800	0	15.0	1550	0	326	3.88	500
AVG.	10	3.0					0	71	1.14	134

PINEY CREEK WATERSHED WEIR NUMBER PY-116 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	1	3.0	3728	0	462	5800	0	44.7	5.54	70
11-15-75	2	2.8	5400	0	440	2350	0	130	10.6	56
12-19-75			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
01-14-76			NO SAMPLE AVAILABLE - FROZEN	-	-	-	-	-	-	-
02-23-76	34	2.9	2480	0	210	2750	0	1012	86	1122
03-16-76	6	3.1	1762	0	205.0	4250	0	127	14.8	306
04-23-76	6	2.9	2956	0	215.0	4000	0	213	15.5	288
05-21-76	2	2.9	2532	0	382.2	4125	0	61	9.17	99
06-20-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
07-14-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-16-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
09-22-76	6	3.6	336	0	1.4	550	0	24.2	0.10	39.6
MIN.	0	2.8	336	0	1.4	550	0	0	0	0
MAX.	34	3.6	5400	0	462	5800	0	1012	86	1122
AVG.	5.2	3.0					0	147	12.9	180

PINEY CREEK WATERSHED WEIR NUMBER PY-117 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	2	5.4	0	60	5.8	350	1.44	0	0.14	8.40
11-15-75	2	4.8	24	16	0.8	495	0.38	0.58	0.02	11.9
12-17-75	6	5.5	48	12	0.3	480	0.86	3.46	0.02	35
01-15-76	2	5.3	42	14	0.2	310	0.34	0.29	0.005	7.44
02-23-76	1	5.1	24	16	17.5	290	0.19	0.29	0.21	3.48
03-16-76	2	4.8	98	4	1.0	750	0.10	2.35	0.02	18.0
04-23-76	2	5.6	24	24	3.3	400	0.58	0.58	0.08	9.60
05-21-76	1	4.8	40	20	2.6	348	0.24	0.48	0.03	4.18
06-18-76	2	6.5	30	63	7.3	340	1.51	0.72	0.18	8.16
07-14-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-16-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
09-22-76	1	5.8	20	120	27.5	638	1.44	0.24	0.33	7.66
MIN.	0	4.8	0	4	0.2	290	0	0	0	0
MAX.	6	6.5	98	120	27.5	750	1.51	3.46	0.33	35
AVG.	1.8	5.4					0.59	0.75	0.09	4.48

PINEY CREEK WATERSHED WEIR NUMBER PY-118 Deep mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	2	3.0	464	0	67	1600	0	11.1	1.61	38.4
11-15-75	12	2.8	536	0	45.0	3200	0	77	6.48	461
12-17-75	6	3.0	376	0	43.0	1375	0	27.1	3.10	99
01-15-76	12	3.3	370	0	12.3	1350	0	53	1.77	194
02-23-76	6	3.3	400	0	28	1125	0	28.8	2.02	81
03-16-76	2	3.1	462	0	25.0	1700	0	11.1	0.60	40.8
04-23-76	2	2.9	368	0	155.7	1925	0	8.83	3.74	46.2
05-21-76	2	3.3	222	0	27.5	1500	0	5.33	0.66	36.0
06-18-76	2	2.9	720	0	5.5	1538	0	17.3	0.13	36.9
07-26-76	12	2.7	424	0	60.5	1600	0	61	8.71	230
08-16-76			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
09-22-76	2	3.5	398	0	14.1	1138	0	9.55	0.34	27.3
MIN.	0	2.7	222	0	5.5	1125	0	0	0	0
MAX.	12	3.5	720	0	155.7	3200	0	77	6.48	461
AVG.	5	3.1					0	25.8	2.43	108

PINEY CREEK WATERSHED WEIR NUMBER PY-119 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
11-15-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-17-75	1	3.9	508	0	0.8	1425	0	6.10	0.01	17.1
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-23-76	6	7.6	6	10	0.9	68	0.72	0.43	0.07	4.90
03-23-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
04-21-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
05-22-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-21-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	0	3.9	6	0	0.8	68	0	0	0	0
MAX.	6	7.6	508	10	0.9	1425	0.72	6.10	0.07	17.1
AVG.	0.6	5.8					0.07	0.59	0.007	2.00

PINEY CREEK WATERSHED WEIR NUMBER PY-121 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-14-76	2	5.5	18	26	0.2	58	0.62	0.43	0.005	1.39
02-16-76	6	5.8	6	16	0.1	85	1.15	0.43	0.01	6.12
03-15-76	2	7.0	20	24	1.5	100	0.58	0.48	0.04	2.40
04-17-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
05-17-76	1	5.6	8	16	0.05	42	0.19	0.10	0.001	0.50
06-14-76	2	5.4	20	16	0.7	100	0.38	0.48	0.017	2.40
07-14-76	2	6.9	44	24	0.9	45	0.58	1.06	0.02	1.08
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-16-76	1	6.4	12	114	8.5	155	1.37	0.14	0.10	1.86
MIN.	0	5.4	6	16	0.1	42	0	0	0	0
MAX.	6	7.0	44	114	8.5	155	1.37	1.06	0.10	6.12
AVG.	1.8	6.1					0.54	0.35	0.02	1.75

PINEY CREEK WATERSHED WEIR NUMBER PY-122 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	6.0	24	24	0.1	120	0.29	0.29	0.001	1.44
11-15-75	2	5.4	8	12	0.1	200	0.29	0.19	0.002	4.80
12-16-75	2	5.1	8	12	0.1	80	0.29	0.19	0.002	1.92
01-14-76	2	5.9	14	12	0.2	55	0.29	0.34	0.005	1.32
02-16-76	6	7.9	2	36	0.9	95	2.59	0.14	0.07	6.84
03-15-76	2	7.7	8	14	0.03	95	0.34	0.19	0.001	2.28
04-19-76	1	5.8	4	16	0.05	115	0.19	0.05	0.001	1.38
05-17-76	1	7.0	10	16	0.05	44	0.19	0.12	0.001	0.53
06-14-76	34	6.5	16	18	0.08	83	7.34	6.53	0.03	33.9
07-14-76	4	7.2	35	34	0.6	45	1.63	1.73	0.03	2.16
08-16-76	1	6.6	16	38	2.2	110	0.46	0.19	0.03	1.32
09-21-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	0	5.1	2	12	0.05	44	0	0	0	0
MAX.	34	7.9	36	38	2.2	200	7.34	6.53	0.07	33.9
AVG.	4.7	6.5					0.82	0.83	0.01	4.82

PINEY CREEK WATERSHED WEIR NUMBER PY-123 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	6.5	4	48	0.02	160	0.58	0.05	0.0002	1.92
11-15-75	2	5.2	32	14	0.2	187.5	0.34	0.77	0.005	4.50
12-16-75	6	5.2	4	16	0.1	38	1.15	0.29	0.007	2.74
01-14-76	6	8.0	4	18	0.2	55	1.30	0.29	0.014	3.96
02-16-76	12	7.0	4	16	0.2	73	2.30	0.58	0.03	10.5
03-15-76	6	7.7	6	14	0.2	85	1.01	0.43	0.02	6.12
04-19-76	4	6.0	4	18	0.1	155	0.86	0.19	0.005	7.44
05-17-76	6	7.0	8	22	0.6	50	1.58	0.58	0.04	3.60
06-14-76	70	7.0	16	26	2.7	95	21.8	13.4	2.27	80
07-14-76	4	7.1	38	36	0.35	78	1.73	1.82	0.02	3.74
08-16-76	4	6.5	14	30	0.2	65	1.44	0.67	0.01	3.12
09-16-76	4	6.6	6	158	13.8	75	7.58	0.29	0.66	3.60
MIN.	1	5.2	4	14	0.02	38	0.34	0.05	0.0002	1.92
MAX.	70	8.0	38	158	13.8	187.5	21.8	13.4	2.27	80
AVG.	10	6.7					3.47	1.61	0.26	10.9

PINEY CREEK WATERSHED WEIR NUMBER PY-124 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	6	2.7	1020	0	145.3	1150	0	73	10.5	83
11-15-75	22	2.8	828	0	73.0	1225	0	219	19.3	323
12-16-75	28	3.1	384	0	38.0	650	0	129	12.8	218
01-14-76	94	2.8	564	0	47.5	675	0	636	54	761
02-16-76	193	7.6	40	70	104.0	400	162	93	241	926
03-15-76	50	3.0	714	0	70.7	1250	0	428	42.4	750
04-19-76	22	3.0	566	0	36.2	988	0	149	9.56	261
05-17-76	22	3.0	560	0	35.5	863	0	148	9.37	228
06-14-76	193	3.2	222	0	5.3	438	0	514	12.3	1014
07-14-76	70	2.7	776	0	61.5	1013	0	652	52	851
08-16-76	70	2.7	934	0	73.0	1313	0	785	61	1103
09-17-76	22	2.5	428	0	23	1138	0	113	6.07	300
MIN.	6	2.5	40	0	5.3	400	0	73	6.07	83
MAX.	193	7.6	1020	70	145.3	1313	162	785	241	1103
AVG.	66	3.3					13.5	328	44.2	568

PINEY CREEK WATERSHED WEIR NUMBER PY-125 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	2.7	1240	0	26.4	2050	0	30	0.63	49.2
11-15-75	12	2.7	1344	0	25.0	1925	0	194	3.60	277
12-16-75	6	3.1	1220	0	25.0	1875	0	88	1.80	135
01-14-76	34	2.9	128	0	22.5	2000	0	52	9.18	816
02-16-76	34	3.5	1110	0	32.5	1175	0	453	13.3	479
03-15-76	22	3.2	1094	0	29.5	2000	0	289	7.79	528
04-19-76	17	2.9	1232	0	26.2	1863	0	251	5.34	380
05-17-76	22	2.9	1126	0	0.9	1637	0	297	0.24	432
06-14-76	193	2.7	1016	0	15.0	1350	0	2353	34.7	3127
07-14-76	70	2.9	1054	0	18.0	1525	0	885	15.1	1281
08-16-76	28	2.7	1288	0	18.7	1800	0	433	6.28	605
09-17-76	9	2.4	1162	0	20	1850	0	126	2.16	200
MIN.	2	2.4	128	0	0.9	1175	0	30	0.24	49.2
MAX.	193	3.5	1344	0	32.5	2050	0	2353	34.7	3127
AVG.	37	2.9					0	454	8.34	692

PINEY CREEK WATERSHED WEIR NUMBER PY-126 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	2.6	2550	0	55.5	2350	0	30.6	0.67	28.2
11-15-75	4	2.7	2024	0	40.0	2125	0	97	1.92	102
12-16-75	6	3.1	1180	0	30.0	1775	0	85	2.16	128
01-14-76	6	3.1	1236	0	26.2	563	0	89	1.89	40.5
02-17-76	12	3.1	120	0	1.9	1825	0	17.3	0.27	263
03-15-76	6	3.2	1052	0	19.5	1438	0	76	1.40	104
04-19-76	2	2.8	1290	0	29.5	1663	0	31.0	0.71	39.9
05-17-76	2	3.2	908	0	23.5	1412	0	21.8	0.56	33.9
06-14-76	123	2.5	980	0	20.0	1313	0	1446	29.5	1938
07-14-76	12	2.8	1308	0	28.3	180	0	188	4.08	25.9
08-16-76	2	2.7	1566	0	27.5	2700	0	37.6	0.66	65
09-17-76	6	2.7	634	0	12	1225	0	45.6	0.86	88
MIN.	1	2.5	120	0	1.9	180	0	17.3	0.27	25.9
MAX.	123	3.2	2550	0	55.5	2700	0	1446	29.5	1938
AVG.	15	2.9					0	180	3.72	238

PINEY CREEK WATERSHED WEIR NUMBER PY-127 Strip mine on unnamed tributary to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	6	3.5	516	0	5.2	600	0	37.2	0.37	43.2
11-15-75	22	3.4	440	0	3.2	600	0	116	0.85	158
12-16-75	12	4.0	248	0	1.5	310	0	35.7	0.22	44.6
01-14-76	123	3.6	220	0	1.0	750	0	325	1.48	1107
02-17-76	12	3.8	390	0	1.0	850	0	56	0.14	122
03-15-76	12	3.4	512	0	2.8	800	0	74	0.40	115
04-19-76	6	3.7	226	0	2.6	663	0	16.3	0.19	47.7
05-17-76	12	3.1	1484	0	7.3	925	0	214	1.05	133
06-14-76	193	3.7	174	0	1.9	500	0	403	4.40	1158
07-14-76	34	3.6	288	0	9.5	438	0	118	3.88	179
08-16-76	6	3.7	596	0	11.0	1313	0	42.9	0.79	95
09-17-76	6	3.7	174	0	34	450	0	12.5	2.45	32.4
MIN.	6	3.1	174	0	1.0	310	0	12.5	0.14	32.4
MAX.	193	4.0	1484	0	34	1313	0	403	4.40	1158
AVG.	37	3.6					0	121	1.35	301

PINEY CREEK WATERSHED WEIR NUMBER PY-128 Runoff past active C & K tipple to Piney Creek northeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
11-15-75	2	4.6	20	0	0.2	130	0	0.48	0.005	3.12
12-16-75	4	4.8	84	42	1.1	160	2.02	4.03	0.05	7.68
01-14-76	NO SAMPLE	AVAILABLE	- FROZEN	-	-	-	-	-	-	-
02-19-76	34	4.0	22	0	0.7	160	0	8.98	0.29	65
03-15-76	2	3.6	152	0	5.8	238	0	3.65	0.14	5.71
04-21-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
05-17-76	1	7.4	46	110	0.2	238	1.32	0.55	0.002	2.86
06-14-76	2	6.5	12	32	0.1	165	0.77	0.29	0.002	3.96
07-14-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
09-21-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
MIN.	0	3.6	12	32	0.1	130	0	0	0	0
MAX.	34	7.4	152	110	5.8	238	2.02	8.98	0.29	65
AVG.	4.1	5.2					0.37	1.63	0.04	8.03

PINEY CREEK WATERSHED WEIR NUMBER PY-129 Strip mine on Piney Creek northwest of C & K tipple.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
11-15-75	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
12-16-75	2	5.1	136	36	0.1	460	0.86	3.26	0.002	11.0
01-14-76	NO SAMPLE	AVAILABLE	- FROZEN	-	-	-	-	-	-	-
02-17-76	2	4.2	72	2	5.3	400	0.05	1.73	0.13	9.60
03-15-76	1	3.6	378	0	2.9	1188	0	4.54	0.04	14.3
04-21-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
05-17-76	1	7.9	34	22	0.05	70	0.26	0.41	0.001	0.84
06-14-76	2	4.3	124	0	0.03	538	0	2.98	0.001	12.9
07-14-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
09-21-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
MIN.	0	3.6	34	0	0.03	70	0	0	0	0
MAX.	2	7.9	378	36	5.3	1188	0.26	4.54	0.13	14.3
AVG.	0.7	5.0					0.11	1.18	0.02	4.42

PINEY CREEK WATERSHED WEIR NUMBER PY-130 Seepage from railroad cut on Piney Creek northwest of C & K tipple.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	3.2	536	0	4.0	1350	0	6.43	0.05	16.2
11-15-75	2	3.1	488	0	2.8	1400	0	11.7	0.07	33.6
12-16-75	2	4.1	320	10	1.6	875	0.24	7.68	0.04	21.0
01-14-76	6	3.5	280	0	1.8	1050	0	20.6	0.05	76
02-18-76	4	4.4	74	12	25.0	710	0.58	3.55	1.20	34.1
03-15-76	2	3.6	360	0	2.8	1275	0	8.64	0.07	30.6
04-21-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
05-17-76	1	3.3	678	0	9.0	1412	0	8.14	0.11	16.9
06-14-76	4	3.2	386	0	5.0	1250	0	18.5	0.24	60
07-14-76	6	3.2	468	0	4.0	1525	0	33.7	0.29	110
08-16-76	2	3.1	994	0	6.4	1900	0	23.9	0.15	45.6
09-17-76	2	3.1	466	0	36	1950	0	11.2	0.86	46.8
MIN.	0	3.0	74	0	1.6	710	0	0	0	0
MAX.	6	4.4	994	12	25.0	1950	0.58	33.7	1.20	110
AVG.	2.7	3.4					0.08	12.8	0.26	40.9

PINEY CREEK WATERSHED WEIR NUMBER PY-131 Strip mine on Piney Creek north of C & K tipple.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	3.2	824	0	12.3	1875	0	19.8	0.30	45.0
11-15-75	22	2.9	1040	0	7.3	2900	0	275	2.24	766
12-16-75	22	3.9	640	0	3.9	1425	0	169	1.03	376
01-14-76	193	3.3	680	0	9.4	1650	0	1575	21.8	3821
02-19-76	70	3.2	576	0	12.3	1500	0	484	10.3	1260
03-17-76	34	3.4	866	0	22.5	1438	0	353	9.18	587
04-21-76	193	3.3	586	0	4.7	1313	0	1357	10.9	3041
05-17-76	12	3.3	1336	0	5.9	1575	0	192	0.85	227
06-14-76	70	2.9	1000	0	3.1	1275	0	840	2.60	1071
07-14-76	34	3.1	1176	0	2.7	1525	0	480	1.10	622
08-17-76	12	3.1	972	0	3.5	1675	0	140	0.50	241
09-21-76	NO SAMPLE	AVAILABLE	- DRY	0	0	0	0	0	0	0
MIN.	0	2.9	576	0	2.7	1275	0	0	0	0
MAX.	193	3.9	1336	0	22.5	2900	0	1575	21.8	3821
AVG.	55	3.2					0	490	8.07	900

PINEY CREEK WATERSHED WEIR NUMBER PY-136 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-26-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
03-19-76	2	5.2	14	10	0.08	160	0.24	0.34	0.002	3.84
04-23-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	1	3.6	276	0	1.7	600	0	3.31	0.02	7.20
MIN.	0	3.6	14	0	0.08	160	0	0	0	0
MAX.	2	5.2	276	10	1.7	600	0.24	3.31	0.02	7.20
AVG.	0.27	4.4					0.02	0.33	0.002	1.00

PINEY CREEK WATERSHED WEIR NUMBER PY-137 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	2	2.8	2784	0	490	4500	0	67	12	110
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	2	8.3	0	70	0.4	175	1.68	0	0.01	4.20
03-17-76	1	2.9	860	0	177.5	1800	0	10.3	1.41	21.6
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	1	7.1	30	144	0.6	283	1.73	0.36	0.007	3.40
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	2.8	0	0	0.4	175	0	0	0	0
MAX.	2	8.3	2784	144	490	4600	1.73	67	12	110
AVG.	0.6	5.3					0.31	7.06	1.22	12.7

PINEY CREEK WATERSHED WEIR NUMBER PY-138 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-19-75	2	2.7	1260	0	225.0	365	0	30.2	5.40	8.76
12-18-75	2	3.2	480	0	49	900	0	11.5	1.18	21.6
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	6	3.3	526	0	65.5	745	0	37.9	4.72	54
03-17-76	2	3.0	904	0	101.2	1700	0	21.7	2.43	40.8
04-21-76	1	2.9	778	0	1.1	1900	0	9.34	0.01	22.8
05-18-76	1	4.9	330	0	1.9	1150	0	3.96	0.02	13.8
06-15-76	1	4.4	104	8	0.2	925	0.10	1.25	0.002	11.1
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-20-76	1	4.9	34	24	0.1	393	0.29	0.41	0.001	4.72
09-22-76	1	5.5	52	24	20.0	375	0.29	0.62	0.24	4.50
MIN.	0	2.7	34	0	0.1	365	0	0	0	0
MAX.	6	5.5	1260	24	225.0	1900	0.29	37.9	5.4	54
AVG.	1.7	3.9					0.07	11.7	1.40	182

PINEY CREEK WATERSHED WEIR NUMBER PY-139 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	2	3.0	488	0	22	900	0	11.7	0.53	21.6
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-75	6	3.1	348	0	18	570	0	25.1	1.30	41.0
01-16-76	12	3.2	322	0	10.7	800	0	46.4	1.54	115
02-20-76	34	3.1	326	0	20.0	475	0	133	8.16	194
03-17-76	2	3.0	400	0	35.0	725	0	9.60	0.84	17.4
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	1	3.7	462	0	10.1	775	0	5.54	0.12	9.30
06-15-76	17	2.5	390	0	22.5	1313	0	80	4.59	268
07-16-76	6	2.8	36	0	15.8	875	0	2.59	1.14	63
08-20-76	4	2.9	384	0	15.8	1125	0	18.4	0.76	54
09-22-76	2	3.4	324	0	14.3	850	0	7.78	0.34	20.4
MIN.	0	2.5	36	0	10.1	475	0	0	0	0
MAX.	34	3.7	488	0	35.0	1313	0	133	8.16	268
AVG.	7.17	3.1					0	28.3	1.61	67

PINEY CREEK WATERSHED WEIR NUMBER PY-140 Spring on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-19-75	12	3.3	216	0	1.2	575	0	31.1	0.17	83
12-19-75	12	3.8	42	0	0.1	65	0	6.05	0.01	9.36
01-16-76	34	3.8	156	0	3.4	475	0	64	1.39	194
02-20-76	34	3.7	54	0	0.7	60	0	22.0	0.29	24.9
03-17-76	12	3.5	170	0	0.9	500	0	24.5	0.13	72
04-21-76	2	3.4	182	0	3.5	700	0	4.37	0.08	16.8
05-18-76	6	4.1	194	0	1.7	538	0	14.0	0.12	38.7
06-16-76	12	3.4	34	0	0.6	88	0	4.90	0.09	12.7
07-16-76	12	3.6	130	0	2.4	175	0	18.7	0.35	25.2
08-20-76	12	3.8	38	0	0.4	180	0	5.47	0.06	25.9
09-22-76	34	5.8	12	88	0.3	30	35.9	4.90	0.12	12.2
MIN.	0	3.3	12	0	0.1	30	0	0	0	0
MAX.	34	5.8	216	88	3.5	700	35.9	64	1.39	194
AVG.	15.2	3.5					2.99	16.7	0.23	42.9

PINEY CREEK WATERSHED WEIR NUMBER PY-141 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	6	3.0	192	0	1.8	600	0	13.8	0.13	43.2
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	2	2.7	758	0	75.0	500	0	18.2	1.80	12.0
03-17-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	2.7	192	0	1.8	500	0	0	0	0
MAX.	6	3.0	758	0	75.0	600	0	18.2	1.80	43.2
AVG.	0.8	2.9					0	3.2	0.19	5.52

PINEY CREEK WATERSHED WEIR NUMBER PY-142 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-20-76	12	2.5	750	0	83.7	750	0	108	12	108
03-17-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	2.5	750	0	83.7	750	0	0	0	0
MAX.	12	2.5	750	0	83.7	750	0	108	12	108
AVG.	1.7	2.5					0	15.4	1.71	15.4

PINEY CREEK WATERSHED WEIR NUMBER PY-143 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-20-76	2	3.7	286	0	0.1	1040	0	6.86	0.002	25.0
03-17-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	3.7	286	0	0.1	1040	0	0	0	0
MAX.	2	3.7	286	0	0.1	1040	0	6.86	0.002	25.0
AVG.	0.29	3.7					0	0.98	0.0003	3.57

PINEY CREEK WATERSHED WEIR NUMBER PY-144 Strip mine on unnamed tributary to Piney Creek east of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-75	1	4.6	134	8	1.8	463	0.10	1.61	0.02	5.56
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	6	4.0	76	0	0.1	300	0	5.47	0.01	21.6
03-17-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	4.0	76	0	0.1	300	0	0	0	0
MAX.	6	4.6	134	8	1.8	463	0.10	5.47	0.02	21.6
AVG.	0.7	4.3					0.01	0.71	0.003	2.72

PINEY CREEK WATERSHED WEIR NUMBER PY-145 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

02-20-76	2	7.1	4	18	0.1	100	0.43	0.10	0.002	2.40
03-17-76	6	3.4	100	0	5.2	275	0	7.20	0.37	19.8
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	1	4.0	156	0	2.7	308	0	1.87	0.03	3.70
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-20-76	1	3.3	86	0	1.8	218	0	1.03	0.02	2.62
09-22-76	2	5.7	48	8	36.0	2000	0.19	1.15	0.86	48.0
MIN.	0	3.3	4	0	0.1	100	0	0	0	0
MAX.	6	7.1	156	18	36.0	2000	0.43	7.20	0.86	48.0
AVG.	1.5	4.7					0.08	1.42	0.16	9.57

PINEY CREEK WATERSHED WEIR NUMBER PY-146 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	12	7.6	4	14	0.02	140	2.02	0.58	0.003	20.2
03-17-76	2	3.4	102	0	5.2	278	0	2.45	0.13	6.67
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	1	4.0	170	0	2.7	538	0	2.04	0.03	6.46
06-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-20-76	1	3.4	80	0	1.8	180	0	0.96	0.02	2.16
09-22-76	2	6.6	96	148	31.0	638	3.55	2.30	0.74	15.3
MIN.	0	3.4	4	0	0.02	140	0	0	0	0
MAX.	12	7.6	170	148	31.0	638	3.55	2.45	0.74	20.2
AVG.	1.6	5.0					0.51	0.76	0.08	4.62

PINEY CREEK WATERSHED WEIR NUMBER PY-147 Runoff to unnamed tributary to Piney Creek southeast of Shamburg.

10-17-75	2	4.5	84	60	1.5	1020	1.44	2.02	0.04	24.5
11-19-75	1	4.8	108	14	1.2	1025	0.17	1.30	0.01	12.3
12-18-75	2	5.0	110	12	1.0	1075	0.29	2.64	0.02	25.8
01-16-76	6	4.5	146	14	0.2	825	1.01	10.5	0.01	59
02-20-76	2	5.2	4	6	0.5	380	0.14	0.10	0.01	9.12
03-19-76	2	4.6	76	14	1.5	1700	0.34	1.82	0.04	40.8
04-21-76	1	4.8	84	20	0.5	1575	0.24	1.01	0.006	18.9
05-18-76	2	5.5	152	20	0.6	925	0.48	3.65	0.01	22.2
06-16-76	2	4.4	170	8	1.2	988	0.19	4.08	0.03	23.7
07-16-76	2	6.0	166	22	7.6	1100	0.53	3.98	0.18	26.4
08-18-76	1	5.1	106	38	1.5	925	0.46	1.27	0.02	11.1
09-20-76	2	4.8	42	30	25	1138	0.72	1.01	0.60	27.3
MIN.	1	4.4	4	6	0.2	380	0.14	0.10	0.006	9.12
MAX.	6	6.0	170	60	25	1700	1.44	10.5	0.60	59
AVG.	2.1	4.9					0.50	2.78	0.08	25.1

PINEY CREEK WATERSHED WEIR NUMBER PY-148 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	22	3.5	284	0	3.9	1750	0	75	1.02	462
11-19-75	9	3.5	320	0	2.8	1975	0	35	0.30	213
12-18-75	50	3.9	200	0	1.8	1300	0	120	1.08	780
01-16-76	94	4.0	160	0	1.5	1650	0	180	1.69	1861
02-20-76	123	4.2	20	2	1.4	1950	2.95	29.5	2.07	2878
03-19-76	22	3.8	244	0	2.2	1550	0	64	0.58	409
04-21-76	22	3.5	226	0	2.4	1537	0	60	0.63	406
05-18-76	12	4.2	320	0	2.8	1538	0	46.1	0.40	221
06-16-76	22	2.9	270	0	4.3	1313	0	71	1.14	347
07-16-76	17	3.4	270	0	4.0	2625	0	55	0.82	536
08-18-76	12	3.5	250	0	4.0	1825	0	36.0	0.58	263
09-20-76	22	3.4	188	0	6.9	1950	0	50	1.82	515
MIN.	9	2.9	20	0	1.4	1300	0	29.5	0.30	213
MAX.	123	4.2	320	2	6.9	2625	2.95	180	2.07	2873
AVG.	36	3.7					0.25	69	0.92	741

PINEY CREEK WATERSHED WEIR NUMBER PY-149 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	2	3.8	280	0	0.4	2300	0	6.72	0.01	55
11-19-75	2	4.0	396	0	0.3	2900	0	9.50	0.007	70
12-19-75	6	4.7	274	8	5.8	2350	0.58	19.7	0.42	169
01-16-76	6	3.8	320	0	2.6	2850	0	23.0	0.19	205
02-20-76	2	6.2	32	30	0.2	375	0.72	0.79	0.005	9.00
03-19-76	2	3.8	230	0	2.6	1475	0	5.52	0.06	35.4
04-21-76	1	3.9	200	0	3.0	2300	0	2.40	0.04	27.6
05-18-76	1	4.6	376	0	5.2	2000	0	4.51	0.06	24.0
06-16-76	2	3.8	376	0	1.1	1763	0	9.02	0.03	42.3
07-16-76	4	4.0	292	0	2.3	2018	0	14.0	0.11	97
08-18-76	2	4.1	314	0	1.4	2000	0	7.54	0.03	48.0
09-20-76	2	4.0	170	0	4.6	2000	0	4.08	0.11	48.0
MIN.	1	6.2	32	0	0.2	375	0	0.79	0.01	9.00
MAX.	6	3.8	396	30	5.8	2900	0.72	23.0	0.42	205
AVG.	2.7	4.2					0.11	8.90	0.09	69

PINEY CREEK WATERSHED WEIR NUMBER PY-150 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	2	3.7	264	0	1.2	1650	0	6.34	0.02	39.6
11-19-75	4	3.8	348	0	0.7	2600	0	16.7	0.03	125
12-18-75	6	4.5	334	6	3.8	2175	0.43	23.9	0.27	157
01-16-76	6	3.8	332	0	2.0	2100	0	23.9	0.14	151
02-20-76	12	3.7	280	0	2.5	2200	0	40.3	0.36	317
03-19-76	2	3.9	280	0	3.1	1638	0	6.72	0.07	39.3
04-21-76	2	3.8	226	0	0.9	2100	0	5.42	0.02	50
05-18-76	1	4.6	382	0	1.4	1575	0	4.58	0.02	18.9
06-16-76	2	4.0	350	0	2.5	1863	0	8.40	0.06	44.7
07-16-76	2	4.0	352	0	1.9	1570	0	8.45	0.05	37.7
08-18-76	1	4.5	226	0	2.3	2000	0	2.71	0.03	24.0
09-20-76	2	5.0	126	20	165	1950	0.48	3.02	3.96	46.8
MIN.	1	3.7	126	0	0.7	1570	0	2.71	0.02	18.9
MAX.	12	5.0	382	20	165	2600	0.48	40.3	3.96	317
AVG.	3.5	4.1					0.08	12.5	0.42	88

PINEY CREEK WATERSHED WEIR NUMBER PY-151 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	12	3.2	296	0	12.5	1150	0	42.6	1.80	166
11-19-75	17	3.2	280	0	6.5	1250	0	57	1.33	255
12-18-75	50	3.6	200	0	5.8	1000	0	120	3.48	600
01-16-76	70	3.7	284	0	4.6	900	0	239	3.86	756
02-20-76	123	3.8	124	0	2.3	350	0	183	3.39	517
03-19-76	34	3.7	214	0	4.2	1000	0	87	1.71	408
04-21-76	12	3.2	290	0	4.6	1900	0	41.8	0.66	224
05-18-76	17	3.4	64	0	4.6	1125	0	13.1	0.94	230
06-16-76	50	2.9	396	0	4.1	1088	0	238	2.46	653
07-16-76	22	3.2	232	0	6.2	1013	0	61	1.64	267
08-18-76	34	3.4	230	0	4.0	1088	0	94	1.63	444
09-20-76	17	2.8	196	0	9.4	1450	0	40.0	1.92	296
MIN.	12	2.8	64	0	2.3	350	0	13.1	0.66	166
MAX.	123	3.8	396	0	12.5	1900	0	239	3.86	756
AVG.	38	3.3					0	101	2.07	401

PINEY CREEK WATERSHED WEIR NUMBER PY-152 Strip mine on unnamed tributary to Piney Creek southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	2	7.8	4	14	2.2	175	0.34	0.10	0.05	4.20
03-19-76	4	7.7	4	12	0.06	165	0.58	0.19	0.003	7.92
04-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	7.7	4	12	0.06	165	0	0	0	0
MAX.	4	7.8	4	14	2.2	175	0.58	0.19	0.05	7.92
AVG.	0.6	7.8					0.08	0.03	0.005	1.10

PINEY CREEK WATERSHED WEIR NUMBER PY-153 Strip mine on unnamed tributary to Piney Creek south of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	3.3	216	0	5.8	440	0	5.18	0.14	10.6
11-15-75	6	3.3	192	0	8.5	490	0	13.8	0.16	35.3
12-16-75	6	4.0	156	0	6.0	275	0	11.2	0.43	19.8
01-14-76	50	3.6	82	0	3.6	500	0	49.2	2.16	300
02-18-76	34	3.9	78	0	2.4	215	0	31.8	0.98	88
03-15-76	6	3.8	188	0	4.2	550	0	13.5	0.30	39.6
04-19-76	2	3.5	248	0	3.4	900	0	5.95	0.08	21.6
05-19-76	12	3.4	384	0	16.5	1025	0	55	2.38	148
06-18-76	9	3.7	240	0	0.4	700	0	25.9	0.04	76
07-20-76	9	3.7	192	0	0.6	475	0	20.7	0.06	51
08-23-76	4	3.0	256	0	7.3	1200	0	12.3	0.35	58
09-20-76	1	2.9	176	0	0.7	725	0	2.11	0.008	8.70
MIN.	1	2.9	78	0	0.4	215	0	2.11	0.008	8.70
MAX.	50	4.0	384	0	16.5	1200	0	49.2	2.16	300
AVG.	12	3.5					0	20.6	0.63	71

PINEY CREEK WATERSHED WEIR NUMBER PY-154 Strip mine on unnamed tributary to Piney Creek south of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-15-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-16-75	2	5.5	12	32	0.3	93	0.77	0.29	0.007	2.23
01-14-76	4	6.4	12	12	2.7	50	0.58	0.58	0.13	2.40
02-18-76	6	6.0	8	22	2.3	123	1.58	0.58	0.17	8.86
03-15-76	1	7.5	2	20	0.03	100	0.24	0.02	0.0004	1.20
04-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	5.5	2	12	0.03	50	0	0	0	0
MAX.	6	7.5	12	32	2.7	123	1.58	0.58	0.17	8.86
AVG.	1.1	6.4					0.26	0.12	0.03	1.22

PINEY CREEK WATERSHED WEIR NUMBER PY-155 Strip mine on unnamed tributary to Piney Creek south of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	1	3.5	116	0	6.5	280	0	1.39	0.08	3.36
11-15-75	9	3.9	20	0	1.6	83	0	2.16	0.17	8.96
12-16-75	9	5.9	4	32	0.7	53	3.46	0.43	0.08	5.72
01-14-76	94	4.2	16	4	2.4	95	4.51	18.0	2.71	107
02-18-76	50	4.9	6	12	2.0	80	7.20	3.60	1.20	48.0
03-15-76	22	2.7	504	0	98.2	725	0	133	25.9	191
04-19-76	2	2.7	682	0	91.2	900	0	16.4	2.19	21.6
05-19-76	17	2.9	374	0	72.5	925	0	76	14.8	189
06-18-76	12	3.3	118	0	5.2	173	0	17.0	0.75	24.9
07-20-76	4	3.6	60	0	3.1	140	0	2.88	0.15	6.72
08-23-76	2	4.3	36	4	1.2	200	0.10	0.86	0.03	4.80
09-20-76	1	5.0	8	16	5.2	210	0.19	0.10	0.06	2.52
MIN.	1	2.7	4	0	0.7	53	0	0.10	0.03	2.52
MAX.	94	5.9	682	32	98.2	925	7.20	133	25.9	191
AVG.	19	3.9					1.29	22.6	4.01	51

PINEY CREEK WATERSHED WEIR NUMBER PY-156 Strip mine on unnamed tributary to Piney Creek south of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-15-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	2	5.0	22	12	0.7	110	0.29	0.53	0.02	2.64
03-15-76	1	7.1	6	16	0.4	95	0.19	0.07	0.005	1.14
04-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	5.0	6	12	0.4	95	0	0	0	0
MAX.	2	7.1	22	16	0.7	110	0.29	0.53	0.02	2.64
AVG.	0.27	6.1					0.04	0.06	0.002	0.34

PINEY CREEK WATERSHED WEIR NUMBER PY-157 Strip mine to unnamed tributary to Piney Creek northwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-15-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	2	4.0	96	0	1.5	175	0	2.30	0.04	4.20
03-15-76	2	7.4	4	10	0.05	125	0.24	0.10	0.001	3.00
04-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.0	4	0	0.05	125	0	0	0	0
MAX.	2	7.4	96	10	1.5	175	0.24	2.30	0.04	4.20
AVG.	0.36	5.7					0.02	0.22	0.004	0.66

PINEY CREEK WATERSHED WEIR NUMBER PY-158 Strip mine to unnamed tributary to Piney Creek northwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	9	3.2	264	0	30.8	350	0	28.5	3.33	37.8
11-15-75	22	3.6	72	0	9.0	220	0	19.0	2.38	58
12-16-75	34	4.3	152	30	28.0	200	12.2	62	11.4	82
01-14-76	397	3.4	308	0	63.2	625	0	1467	301	2978
02-19-76	1094	3.4	288	0	45.0	600	0	3781	591	7877
03-15-76	22	3.3	490	0	118.0	500	0	129	31.2	132
04-19-76	4	3.1	706	0	131.2	1088	0	33.9	6.30	52
05-19-76	6	3.3	678	0	122.7	963	0	48.8	8.83	69
06-18-76	70	3.5	196	0	18.7	475	0	165	15.7	399
07-20-76	12	4.5	36	6	8.4	20	0.86	5.18	1.21	2.88
08-23-76	2	4.3	50	8	21.5	90	0.19	1.20	0.52	2.16
09-20-76	4	3.2	44	0	16.0	275	0	2.11	0.77	13.2
MIN.	2	3.1	36	0	8.4	20	0	1.20	0.52	2.16
MAX.	1094	4.5	706	30	131.2	1088	12.2	3781	591	7877
AVG.	140	3.6					1.10	479	81	975

PINEY CREEK WATERSHED WEIR NUMBER PY-159 Strip mine on unnamed tributary to Piney Creek north of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	193	3.0	112	0	17.6	350	0	259	40.8	811
11-21-75	34	3.5	120	0	8.4	413	0	49.0	3.43	169
12-16-75	50	4.4	108	6	8.4	218	3.60	65	5.04	131
01-19-76	123	3.2	332	0	29	800	0	490	42.8	1181
02-18-76	1094	3.5	240	0	37.0	600	0	3151	486	7877
03-17-76	50	3.3	232	0	25.0	725	0	139	15.0	435
04-21-76	123	3.7	120	0	5.5	638	0	177	8.12	942
05-19-76	6	3.4	196	0	9.8	538	0	14.1	0.71	38.7
06-18-76	NO SAMPLE AVAILABLE - LOST		-	-	-	-	-	-	-	-
07-20-76	34	4.7	60	10	1.6	314	4.08	24.5	0.65	128
08-25-76	12	4.4	58	8	2.1	228	1.15	8.35	0.30	32.8
09-20-76	12	6.0	4	52	1.8	90	7.49	0.58	0.26	13.0
MIN.	6	3.0	4	0	1.6	90	0	0.58	0.26	13.0
MAX.	1094	6.0	332	52	37.0	800	7.49	3151	486	7877
AVG.	144	3.9					4.08	398	55	1069

PINEY CREEK WATERSHED WEIR NUMBER PY-160 Strip mine on Piney Creek west of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-31-75	1	3.4	112	0	3.5	70	0	1.34	0.04	0.84
01-19-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	2	4.0	36	0	1.7	210	0	0.86	0.04	5.04
03-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-21-76	2	3.8	44	0	0.8	120	0	1.06	0.02	2.88
05-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.4	36	0	0.8	70	0	0	0	0
MAX.	2	4.0	112	0	3.5	210	0	1.34	0.04	5.04
AVG.	0.6	3.7					0	0.36	0.01	0.97

PINEY CREEK WATERSHED WEIR NUMBER PY-161 Air seal discharge of deep mine to Piney Creek west of Reidsburg.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	2.9	1040	0	131.5	1500	0	25.0	3.16	36.0
11-21-75	4	2.8	1104	0	112.0	3750	0	53	5.38	180
12-16-75	6	3.7	700	0	46.0	1100	0	50	3.31	79
01-19-76	6	3.1	992	0	56.2	1700	0	71	4.05	122
02-18-76	6	3.3	534	0	41.0	1050	0	38.4	2.95	76
03-17-76	2	2.8	880	0	76.0	1675	0	21.1	1.82	40.2
04-21-76	4	2.9	566	0	41.2	1150	0	27.2	1.98	55
05-19-76	2	2.7	966	0	50.0	1600	0	23.2	1.20	38.4
06-18-76	2	2.6	730	0	47.5	1150	0	17.5	1.14	27.6
07-20-76	6	2.8	626	0	47.5	1100	0	45.1	3.42	79
08-18-76	1	2.9	680	0	42.3	1275	0	8.16	0.51	15.3
09-20-76	2	2.2	668	0	40.0	1713	0	16.0	0.96	41.1
MIN.	1	2.2	534	0	40.0	1050	0	16.0	0.51	15.3
MAX.	6	3.7	1104	0	131.5	3750	0	71	5.38	180
AVG.	3.6	2.9					0	33.0	2.49	65.8

PINEY CREEK WATERSHED WEIR NUMBER PY-162 Air seal discharge of deep mine to Piney Creek west of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	2	2.9	420	0	26.3	370	0	10.1	0.63	8.88
11-21-75	6	3.0	228	0	11.2	388	0	16.4	0.81	27.9
12-16-75	34	3.7	200	0	10.9	185	0	82	4.45	75
01-19-76	34	2.9	208	0	6.0	625	0	85	2.45	255
02-18-76	284	3.6	188	0	15.0	550	0	641	51	1874
03-17-76	6	3.3	172	0	7.7	178	0	12.4	0.55	12.8
04-21-76	6	3.0	230	0	16.2	575	0	16.6	1.17	41.4
05-19-76	4	2.7	218	0	13.6	438	0	10.5	0.65	21.0
06-18-76	12	2.7	288	0	20.0	500	0	41.5	2.88	72
07-20-76	6	2.9	230	0	17.5	350	0	16.6	1.26	25.2
08-18-76	2	3.1	364	0	19.5	575	0	8.74	0.47	13.8
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.7	172	0	6.0	178	0	0	0	0
MAX.	284	3.7	420	0	26.3	625	0	641	51	1874
AVG.	33	3.1					0	78	5.53	202

PINEY CREEK WATERSHED WEIR NUMBER PY-163 Strip mine on unnamed tributary to Piney Creek west of Mechanicsville.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	9	5.5	18	11	2.3	440	1.19	1.94	0.25	47.5
11-20-75	12	5.8	16	6	2.0	435	0.86	2.30	0.29	63
12-19-75	22	5.9	8	16	1.1	203	4.22	2.11	0.29	54
01-22-76	12	5.4	10	16	0.1	100	2.30	1.44	0.01	14.4
02-24-76	22	5.2	20	2	0.7	310	0.53	5.28	0.19	82
03-23-76	12	4.6	26	26	1.2	360	3.74	3.74	0.17	52
04-26-76	12	5.1	14	12	0.8	225	1.73	2.02	0.12	32.4
05-26-76	12	6.3	64	20	1.6	393	2.88	9.22	0.23	57
06-23-76	4	5.8	32	8	1.7	109	0.38	1.54	0.08	5.23
07-20-76	6	5.6	28	24	1.9	388	1.73	2.02	0.14	27.9
08-24-76	6	6.1	56	20	2.6	370	1.44	4.03	0.19	26.6
09-15-76	2	5.4	94	30	6.1	450	0.72	2.26	0.15	10.8
MIN.	2	4.6	8	2	0.1	100	0.38	1.44	0.01	5.23
MAX.	22	6.3	94	30	6.1	450	4.22	9.22	0.29	82
AVG.	11	5.6					1.81	3.31	0.18	39.4

PINEY CREEK WATERSHED WEIR NUMBER PY-164 Strip mine on unnamed tributary to Piney Creek west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	6	5.7	20	19	0.3	135	1.37	1.44	0.02	9.72
11-20-75	4	6.2	8	8	0.3	90	0.38	0.38	0.01	4.32
12-19-75	42	5.8	6	10	1.7	138	5.04	3.02	0.86	70
01-22-76	2	5.2	30	16	0.7	400	0.38	0.72	0.02	9.60
02-24-76	50	5.3	4	8	0.1	100	4.80	2.40	0.06	60
03-23-76	12	7.9	2	14	0.1	100	2.02	0.29	0.01	14.4
04-26-76	34	6.1	4	8	0.2	83	3.26	1.63	0.08	33.9
05-26-76	6	6.1	40	24	0.4	95	1.73	2.88	0.03	6.84
06-22-76	6	6.1	14	18	1.0	75	1.30	1.01	0.07	5.40
07-20-76	4	5.9	12	18	2.0	56	0.86	0.58	0.10	2.69
08-24-76	4	6.4	4	22	0.6	75	1.06	0.19	0.03	3.60
09-15-76	2	5.8	26	32	1.3	65	0.77	0.62	0.03	1.56
MIN.	2	5.2	2	8	0.1	56	0.38	0.19	0.01	1.56
MAX.	50	7.9	40	32	2.0	400	5.04	3.02	0.86	70
AVG.	14	6.0					1.91	1.26	0.11	18.5

PINEY CREEK WATERSHED WEIR NUMBER PY-165 Spring on unnamed tributary to Piney Creek west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	12	6.2	4	15	0.4	38	2.16	0.58	0.06	5.47
11-20-75	6	6.4	12	18	0.3	95	1.30	0.86	0.02	6.84
12-19-75	50	6.1	6	12	0.4	27	7.20	3.60	0.24	16.2
01-22-76	12	7.1	2	14	0.1	95	2.02	0.29	0.01	13.7
02-24-76	34	3.2	20	0	0.2	70	0	8.16	0.08	28.6
03-19-76	12	6.2	8	10	0.2	88	1.44	1.15	0.03	12.7
04-26-76	22	6.8	8	8	0.3	83	2.11	2.11	0.08	21.9
05-26-76	6	6.9	30	34	0.3	95	2.45	2.16	0.02	6.84
06-22-76	12	6.6	22	24	0.5	95	3.46	3.17	0.07	13.7
07-20-76	6	6.5	16	24	0.5	20	1.73	1.15	0.04	1.44
08-24-76	6	6.5	10	28	0.7	75	2.02	0.72	0.05	5.40
09-16-76	2	6.9	4	90	0.5	38	2.16	0.10	0.01	0.91
MIN.	2	3.2	2	8	0.1	20	1.30	0.10	0.01	0.91
MAX.	50	6.9	30	90	0.7	95	7.20	8.16	0.24	28.6
AVG.	15	6.3					2.34	2.00	0.06	11.1

PINEY CREEK WATERSHED WEIR NUMBER PY-167 Strip mine on unnamed tributary to Piney Creek southwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	1	3.7	130	0	1.6	600	0	1.56	0.02	7.20
11-20-75	2	3.5	136	0	1.5	525	0	3.26	0.04	12.6
12-22-75	2	3.9	160	0	1.2	450	0	3.84	0.03	10.8
01-22-76	1	3.5	128	0	1.2	675	0	1.54	0.01	8.10
02-24-76	2	3.9	146	0	0.7	350	0	3.50	0.02	8.40
03-19-76	2	3.8	206	0	0.9	825	0	4.94	0.02	19.8
04-26-76	2	3.9	120	0	0.9	638	0	2.88	0.02	15.3
05-26-76	2	3.6	160	0	0.8	638	0	3.84	0.02	15.3
06-22-76	1	3.5	200	0	0.9	600	0	2.40	0.01	7.20
07-20-76	1	3.8	148	0	1.1	475	0	1.78	0.01	5.70
08-24-76	2	3.7	166	0	1.0	450	0	3.98	0.02	10.8
09-16-76	1	3.6	154	0	7.3	390	0	1.85	0.09	4.68
MIN.	1	3.5	120	0	0.7	350	0	1.54	0.01	4.68
MAX.	2	3.9	206	0	7.3	825	0	4.94	0.09	19.8
AVG.	1.6	3.7					0	2.95	0.03	10.5

PINEY CREEK WATERSHED WEIR NUMBER PY-169 Strip mine and strip seepage to Piney Creek northeast of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	6	5.7	4	19	2.6	80	1.37	0.29	0.19	5.76
11-26-75	12	5.6	8	16	0.5	105	2.30	1.15	0.07	15.1
12-22-75	9	6.2	20	12	1.2	105	1.30	2.16	0.13	11.3
01-22-76	34	7.0	6	16	0.7	105	6.53	2.45	0.29	42.8
02-24-76	50	3.1	292	0	0.7	500	0	175	0.42	300
03-25-76	1	3.8	144	0	2.2	350	0	1.73	0.03	4.20
04-28-76	34	4.6	24	2	2.3	205	0.82	9.79	0.94	84
05-26-76	34	6.5	8	20	2.2	140	8.16	3.26	0.90	57
06-24-76	70	6.7	36	24	1.3	108	20.2	30.2	1.09	91
07-26-76	34	6.0	6	42	0.5	165	17.1	2.45	0.20	67
08-25-76	34	6.1	6	24	0.6	48	9.79	2.45	0.25	19.6
09-28-76	50	5.6	6	26	0.7	128	15.6	3.60	0.42	76.8
MIN.	1	3.1	4	0	0.5	48	0	0.29	0.03	4.20
MAX.	70	7.0	292	42	2.6	500	20.2	175	1.09	300
AVG.	31	5.6					7.51	21.6	0.41	64

PINEY CREEK WATERSHED WEIR NUMBER PY-169A Strip mine to unnamed tributary to Piney Creek northeast of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-24-76	6	7.3	6	24	0.05	50	1.73	0.43	0.004	3.60
04-28-76	2	6.3	4	8	0.05	88	0.19	0.10	0.001	2.11
05-26-76	2	6.4	6	12	0.05	100	0.29	0.14	0.001	2.40
06-24-76	12	6.8	20	16	0.3	65	2.30	2.88	0.04	9.36
07-26-76	4	6.0	4	28	0.6	100	1.34	0.19	0.03	4.80
08-26-76	6	6.5	22	34	0.2	85	2.45	1.58	0.01	6.12
09-28-76	2	5.9	4	26	2.0	38	0.62	0.10	0.05	0.91
MIN.	2	5.9	4	8	0.05	38	0.19	0.10	0.001	0.91
MAX.	12	7.3	22	34	2.0	100	2.45	2.88	0.04	9.36
AVG.	4.9	6.5					0.74	0.45	0.01	2.44

PINEY CREEK WATERSHED WEIR NUMBER PY-169B Strip mine to unnamed tributary to Piney Creek northeast of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-24-76	9	7.2	4	20	0.05	110	2.16	0.43	0.005	11.9
04-28-76	6	6.3	4	10	0.1	65	0.72	0.29	0.007	4.68
05-26-76	2	6.3	4	6	0.1	83	0.14	0.10	0.002	1.99
06-24-76	12	6.7	22	18	0.3	95	2.59	3.17	0.04	13.7
07-26-76	6	5.9	4	24	0.07	70	1.73	0.29	0.005	5.04
08-26-76	2	6.4	12	22	0.2	90	0.53	0.29	0.005	2.16
09-28-76	2	5.8	4	26	0.07	38	0.62	0.10	0.002	0.91
MIN.	2	5.8	4	6	0.05	38	0.14	0.10	0.002	0.91
MAX.	12	7.2	22	26	0.3	110	2.59	3.17	0.04	13.7
AVG.	5.6	6.4					1.21	0.67	0.009	5.77

PINEY CREEK WATERSHED WEIR NUMBER PY-170 Strip mine to unnamed tributary to Piney Creek northeast of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-24-76	70	3.3	70	0	2.6	395	0	59	2.18	332
03-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-28-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-26-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-26-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-28-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.3	70	0	2.6	395	0	0	0	0
MAX.	70	3.3	70	0	2.6	395	0	59	2.18	332
AVG.	8.8	3.3					0	7.40	0.27	41.5

PINEY CREEK WATERSHED WEIR NUMBER PY-171 Strip mine to unnamed tributary to Piney Creek northeast of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-24-76	50	3.6	32	0	0.8	150	0	19.2	0.48	90
03-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-28-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-26-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-26-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-28-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.6	32	0	0.8	150	0	0	0	0
MAX.	50	3.6	32	0	0.8	150	0	19.2	0.48	90
AVG.	6.3	3.6					0	2.40	0.06	11.3

PINEY CREEK WATERSHED WEIR NUMBER PY-174 Strip mine to unnamed tributary to Piney Creek east of Kingsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-19-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
02-18-76	123	5.0	12	16	0.2	40	23.6	17.7	0.30	59
03-16-76	22	6.7	8	20	0.2	85	5.28	2.11	0.05	22.4
04-21-76	12	6.1	4	22	0.4	65	3.17	0.58	0.06	9.36
05-19-76	9	6.2	30	32	0.7	58	3.46	3.24	0.08	6.26
06-15-76	2	6.0	12	20	4.3	83	0.48	0.29	0.10	1.99
07-15-76	6	6.6	32	48	0.6	35	3.46	2.30	0.04	2.52
08-16-76	123	6.0	20	22	0.3	55	32.5	29.5	0.45	82
09-21-76	2	5.2	6	10	1.2	38	0.24	0.14	0.03	0.91
MIN.	0	5.0	4	10	0.2	35	0	0	0	0
MAX.	123	6.7	32	48	4.3	85	32.7	29.5	0.45	82
AVG.	27	4.8					6.58	5.08	0.10	16.8

PINEY CREEK WATERSHED WEIR NUMBER PY-175 Strip mine to unnamed tributary to Piney Creek east of Kingsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-19-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
02-18-76	6	5.5	4	18	0.2	48	1.30	0.29	0.01	3.46
03-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	4	6.2	16	200	0.2	48	9.60	0.77	0.01	2.30
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	5.5	4	18	0.2	48	0	0	0	0
MAX.	6	6.2	16	200	0.2	48	9.60	0.77	0.01	3.46
AVG.	0.91	5.9					0.12	0.09	0.002	0.52

PINEY CREEK WATERSHED WEIR NUMBER PY-176 Gas well to unnamed tributary to Piney Creek northeast of Kingsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-10-75	22	6.0	8	93	22.5	575	24.6	2.11	5.94	152
11-17-75	6	5.4	24	84	22	475	6.05	1.73	1.58	34.2
12-17-75	12	6.2	4	84	19.2	135	12.1	0.58	2.77	19.4
01-14-76	22	7.3	14	94	21.2	285	24.8	3.70	5.59	75
02-18-76	6	8.2	2	84	22.6	375	6.05	0.14	1.63	27.0
03-16-76	22	8.3	0	98	18.7	320	25.9	0	4.94	84
04-21-76	17	6.2	0	92	25.7	315	18.8	0	5.24	64
05-19-76	17	6.7	30	84	19.5	283	17.1	6.12	4.00	58
06-15-76	12	6.1	18	86	18.0	800	12.4	2.59	2.59	115
07-15-76	12	6.6	36	98	28.0	404	14.1	5.18	4.03	58
08-16-76	17	6.3	16	100	32.2	290	20.4	3.26	6.57	59
09-21-76	12	5.5	10	84	18	325	12.1	1.40	2.59	46.8
MIN.	6	5.4	0	84	18	135	6.05	0	1.58	19.4
MAX.	22	8.3	36	100	32.2	800	25.9	6.12	6.57	152
AVG.	15	6.6					16.2	2.23	3.96	66

PINEY CREEK WATERSHED WEIR NUMBER PY-177 Strip mine to unnamed tributary to Piney Creek west of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	6	4.8	44	5	0.7	200	0.36	3.17	0.05	14.0
11-17-75	12	4.9	52	6	1.8	700	0.86	7.49	0.26	101
12-16-75	22	4.9	44	6	0.2	155	1.58	11.6	0.05	40.9
01-14-76	6	4.7	40	8	0.1	175	0.58	2.88	0.01	12.6
02-18-76	22	5.2	10	14	0.2	125	3.70	2.64	0.05	33.0
03-16-76	6	3.9	88	0	0.2	425	0	6.34	0.01	30.6
04-21-76	2	4.5	100	0	0.05	315	0	2.40	0.001	7.56
05-19-76	2	4.2	142	0	0.6	230	0	3.41	0.01	5.52
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-17-76	4	4.3	100	4	0.2	218	0.19	4.80	0.01	10.5
09-21-76	2	4.0	78	0	0.3	290	0	1.87	0.01	6.96
MIN.	0	3.9	10	0	0.05	125	0	0	0	0
MAX.	22	5.2	142	14	1.8	700	3.70	7.49	0.26	101
AVG.	7	4.5					0.61	3.88	0.04	21.9

PINEY CREEK WATERSHED WEIR NUMBER PY-178 Strip mine to unnamed tributary to Piney Creek west of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	6.5	4	24	3.0	59	0.58	0.10	0.07	1.42
11-17-75	1	5.0	12	18	2.5	325	0.22	0.14	0.03	3.90
12-16-75	1	5.9	8	26	26.0	73	0.31	0.10	0.31	0.88
01-14-76	4	6.5	16	20	1.3	80	0.96	0.77	0.06	3.84
02-18-76	4	7.2	8	20	0.5	85	0.96	0.38	0.02	4.08
03-16-76	2	7.7	4	24	0.2	75	0.58	0.10	0.005	1.80
04-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-15-76	2	4.3	60	0	0.25	328	0	1.40	0.01	7.87
07-15-76	4	6.5	66	22	0.7	270	1.06	3.17	0.03	13.0
08-17-76	2	5.9	12	48	0.08	155	1.15	0.29	0.002	3.72
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.3	4	0	0.08	59	0	0	0	0
MAX.	4	7.7	66	48	26.0	328	1.15	3.17	0.31	7.87
AVG.	1.8	6.2					0.32	0.54	0.04	3.38

PINEY CREEK WATERSHED WEIR NUMBER PY-179 Strip mine to unnamed tributary to Piney Creek west of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-15-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-17-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-23-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	2	4.1	150	2	19.7	640	0.05	3.60	0.47	15.4
02-18-76	4	7.8	4	20	0.2	115	0.96	0.19	0.01	5.52
03-16-76	2	4.0	198	0	60.0	345	0	4.75	1.40	8.28
04-21-76	1	3.5	166	0	107.9	925	0	1.99	1.29	11.1
05-19-76	1	6.0	36	54	0.5	275	0.65	0.43	0.01	3.30
06-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.5	4	0	0.2	115	0	0	0	0
MAX.	4	7.8	198	54	107.9	925	0.96	4.75	1.40	15.4
AVG.	0.83	5.1					0.14	0.91	0.27	3.63

PINEY CREEK WATERSHED WEIR NUMBER PY-180 Strip mine to unnamed tributary to Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-17-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
02-18-76	22	4.0	22	0	3.0	110	0	5.81	0.79	29.0
03-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-17-76	2	3.8	92	0	0.1	200	0	2.21	0.002	4.80
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.8	22	0	0.1	110	0	0	0	0
MAX.	22	4.0	92	0	3.0	200	0	5.81	0.79	29.0
AVG.	2	3.9					0	0.67	0.07	2.82

PINEY CREEK WATERSHED WEIR NUMBER PY-181 Strip mine on Piney Creek west of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	3.4	440	0	16.9	2225	0	10.6	0.41	53
11-17-75	2	3.2	652	0	32.0	2850	0	15.6	0.77	68
12-17-75	1	3.5	384	0	45	2450	0	4.61	0.54	29.4
01-14-76	4	3.5	508	0	9.1	1950	0	24.4	0.44	94
02-18-76	2	3.5	248	0	19.2	1425	0	5.95	0.46	34.2
03-16-76	2	3.7	470	0	8.4	1900	0	11.3	0.20	45.6
04-20-76	2	3.2	490	0	20.0	1663	0	11.8	0.48	39.9
05-18-76	4	3.3	544	0	36.2	1925	0	26.1	1.74	92
06-15-76	2	3.0	688	0	42.5	3850	0	16.5	1.02	92
07-15-76	2	3.2	350	0	39.0	1613	0	8.40	0.94	38.7
08-17-76	2	3.2	468	0	40.0	2625	0	11.2	0.96	63
09-14-76	1	3.2	640	0	46.0	2700	0	7.68	0.55	32.4
MIN.	1	3.0	248	0	9.1	1425	0	5.95	0.20	32.4
MAX.	4	3.7	688	0	46.0	3850	0	26.1	1.74	94
AVG.	2.2	3.3					0	12.8	0.71	56.9

PINEY CREEK WATERSHED WEIR NUMBER PY-182 Strip mine on Piney Creek west of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	3.4	350	0	17.4	2250	0	8.40	0.42	54
11-17-75	2	3.2	616	0	27.5	2750	0	14.8	0.66	66
12-17-75	1	3.5	406	0	45	2475	0	4.87	0.54	29.7
01-14-76	2	3.7	500	0	8.9	2000	0	12.0	0.21	48.0
02-18-76	2	3.9	162	0	8.5	1175	0	3.89	0.20	28.2
03-16-76	2	3.9	334	0	23.2	1375	0	8.02	0.56	33.0
04-20-76	4	3.5	378	0	25.2	1350	0	18.1	1.21	65
05-18-76	4	3.7	454	0	27.5	1575	0	21.8	1.32	76
06-15-76	2	3.2	708	0	43.8	1650	0	17.0	1.05	39.6
07-15-76	2	2.9	418	0	39.8	2190	0	9.98	0.96	53
08-17-76	2	3.4	348	0	31.2	2525	0	8.35	0.75	61
09-14-76	1	3.4	602	0	80.0	2525	0	7.22	0.96	30.3
MIN.	1	2.9	162	0	8.5	1175	0	3.89	0.12	24.0
MAX.	4	3.9	708	0	80.0	2750	0	21.8	1.32	76
AVG.	2.2	3.5					0	10.7	0.73	46.7

PINEY CREEK WATERSHED WEIR NUMBER PY-193 Strip mine on Piney Creek west of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	3.4	320	0	17.5	2200	0	7.68	0.42	53
11-17-75	2	3.6	328	0	0.1	1550	0	7.87	0.002	37.2
12-17-75	1	4.0	242	0	0.2	1275	0	2.90	0.002	15.3
01-14-76			NO SAMPLE AVAILABLE - FROZEN							
02-18-76	2	4.9	18	12	0.3	235	0.29	0.43	0.01	5.64
03-16-76	2	5.0	58	8	0.1	275	0.19	1.39	0.002	6.60
04-20-76	2	4.8	40	16	0.4	353	0.38	0.96	0.01	8.47
05-18-76	1	6.3	42	24	0.6	218	0.29	0.50	0.007	2.62
06-15-76	1	4.5	66	10	3.6	490	0.12	0.79	0.04	5.88
07-15-76	2	6.7	100	18	3.3	193	0.43	2.40	0.08	4.63
08-17-76	2	4.8	18	12	1.5	135	0.29	0.43	0.04	3.24
09-14-76	1	4.2	84	4	9.2	253	0.05	1.01	0.11	3.04
MIN.	1	3.4	18	0	0.1	135	0	0.43	0.002	2.62
MAX.	2	6.7	328	24	17.5	2200	0.43	7.87	0.42	53
AVG.	1.5	4.4					0.19	2.40	0.07	13.2

PINEY CREEK WATERSHED WEIR NUMBER PY-184 Strip mine to unnamed tributary to Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	17	5.4	60	20	3.2	2050	4.08	12.2	0.65	418
11-18-75	9	5.0	60	10	3.6	1725	1.08	6.48	0.39	186
12-16-75	22	5.4	64	12	2.6	1550	3.17	17.0	0.69	409
01-16-76	9	6.7	66	26	2.0	1775	2.81	7.13	0.22	192
02-18-76	22	5.5	26	32	1.3	1550	8.45	6.86	0.34	409
03-16-76	22	6.9	42	28	2.8	2420	7.39	11.1	0.74	639
04-20-76	9	5.4	58	30	2.9	1863	3.24	6.26	0.31	201
05-18-76	9	6.1	232	40	3.5	1738	4.32	25.1	0.38	188
06-15-76	6	5.3	230	22	3.8	2875	1.58	16.6	0.27	207
07-15-76	6	5.7	198	38	3.7	1705	2.74	14.3	0.27	123
08-17-76	9	5.3	142	30	4.4	2700	3.24	15.3	0.48	292
09-21-76	6	4.5	138	4	3.3	2100	0.29	9.94	0.24	151
MIN.	6	4.5	26	4	1.3	1550	0.29	6.26	0.22	123
MAX.	22	6.9	232	40	4.4	2875	8.45	25.1	0.74	639
AVG.	12	5.6					3.53	12.3	0.42	285

PINEY CREEK WATERSHED WEIR NUMBER PY-185 Gas well on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	12	3.0	160	0	62.5	975	0	23.0	9.00	140
11-17-75	6	3.4	224	0	67.0	1150	0	16.1	4.82	83
12-17-75	2	3.9	180	0	58	913	0	4.32	1.39	22.0
01-14-76	1	3.7	224	0	374	950	0	2.69	4.49	11.4
02-18-76	4	4.0	54	0	3.7	590	0	2.59	0.18	28.3
03-16-76	6	4.5	212	16	115.0	1188	1.15	15.3	8.28	86
04-20-76	6	3.3	198	0	86.5	1438	0	14.3	6.37	104
05-19-76	6	3.5	246	0	95.5	1025	0	17.7	6.88	74
06-19-76			NO SAMPLE AVAILABLE - DRY							
07-16-76	1	2.9	220	0	128.8	1050	0	2.64	1.55	12.6
08-16-76			NO SAMPLE AVAILABLE - DRY							
09-21-76			NO SAMPLE AVAILABLE - DRY							
MIN.	0	2.9	54	0	3.7	590	0	0	0	0
MAX.	12	4.5	246	16	128.8	1438	1.15	23.0	9.00	140
AVG.	3.7	3.6					0.11	8.22	3.58	46.8

PINEY CREEK WATERSHED WEIR NUMBER PY-186 Spring on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	1	3.8	50	0	1.6	450	0	0.60	0.02	5.40
11-17-75	1	3.5	48	0	0.9	525	0	0.58	0.01	6.30
12-16-75	1	4.6	24	32	0.6	138	0.91	0.19	0.01	1.66
01-14-76	1	4.2	74	4	8.0	295	0.05	0.88	0.09	3.54
02-18-76	12	5.4	8	10	0.5	110	1.40	1.15	0.07	15.8
03-16-76	2	3.9	40	0	4.4	385	0	0.96	0.11	9.24
04-20-76	1	3.4	86	0	2.0	600	0	1.03	0.02	7.20
05-19-76	1	3.5	128	0	6.1	738	0	1.54	0.07	8.86
06-15-76	1	3.3	124	0	13.0	1275	0	1.49	0.16	15.3
07-16-76	1	3.0	156	0	65.0	525	0	1.87	0.78	6.30
08-17-76	1	3.9	42	0	9.6	775	0	0.50	0.12	9.30
09-21-76	1	3.3	72	0	44.0	638	0	0.86	0.53	7.66
MIN.	1	3.0	8	0	0.5	110	0	0.19	0.01	1.66
MAX.	12	5.4	156	32	65.0	1275	1.40	1.87	0.78	15.8
AVG.	2	3.8					0.20	0.97	0.17	8.05

PINEY CREEK WATERSHED WEIR NUMBER PY-187 Strip mine to unnamed tributary to Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	12	4.2	168	1	0.4	1420	0.14	24.2	0.06	204
11-18-75	12	4.1	220	2	0.4	1025	0.29	31.7	0.06	148
12-16-75	70	4.6	128	8	0.3	870	6.72	108	0.25	731
01-14-76	34	4.0	178	0	0.3	825	0	73	0.12	337
02-18-76	214	4.2	76	2	0.3	770	5.02	195	0.77	1977
03-16-76	34	3.8	112	0	0.2	1950	0	45.7	0.08	796
04-20-76	9	4.0	184	0	0.3	1575	0	19.9	0.03	170
05-18-76	9	4.1	236	0	1.2	1275	0	25.5	0.13	138
06-15-76	4	3.5	234	0	2.25	1925	0	11.2	0.11	92
07-16-76	12	3.9	210	0	1.7	1263	0	30.2	0.24	182
08-16-76	60	4.2	162	2	0.6	1088	1.40	117	0.43	783
09-21-76	6	3.2	220	0	1.8	1175	0	15.8	0.13	85
MIN.	4	3.2	76	0	0.2	770	0	11.2	0.03	85
MAX.	214	4.6	236	8	2.25	1950	6.72	195	0.77	1977
AVG.	40	3.9					1.13	58	0.20	470

PINEY CREEK WATERSHED WEIR NUMBER PY-188 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-28-75	1	3.9	90	0	0.8	390	0	1.08	0.01	4.68	
11-17-75	1	3.8	88	0	0.4	700	0	1.06	0.005	8.40	
12-16-75	2	5.1	62	32	0.9	345	0.77	1.49	0.02	8.28	
01-14-76	NO SAMPLE AVAILABLE - FROZEN										
02-16-76	12	4.9	28	14	0.5	315	2.02	4.03	0.07	45.4	
03-15-76	4	4.0	106	0	2.8	640	0	5.09	0.13	30.7	
04-20-76	1	3.3	190	0	2.4	900	0	2.28	0.03	10.8	
05-18-76	2	3.4	176	0	6.9	500	0	4.22	0.17	12.0	
06-15-76	1	3.2	200	0	6.4	1025	0	2.40	0.08	12.3	
07-16-76	1	3.3	158	0	7.0	525	0	1.90	0.08	6.30	
08-17-76	6	4.0	68	0	1.6	280	0	4.90	0.12	20.2	
09-21-76	2	3.0	108	0	4.7	380	0	2.59	0.11	9.12	
MIN.	1	3.0	28	0	0.4	3.5	0	1.06	0.005	0.50	
MAX.	12	5.1	200	32	7.0	1025	2.02	5.09	0.13	30.7	
AVG.	2.8	3.8					1.40	2.82	0.08	15.3	

PINEY CREEK WATERSHED WEIR NUMBER PY-189 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-29-75	12	3.7	90	0	3.3	550	0	13.0	0.50	79	
11-17-75	9	5.4	56	56	0.9	1350	6.05	6.05	0.10	146	
12-16-75	2	5.9	20	56	0.7	55	1.34	0.48	0.02	1.32	
01-14-76	NO SAMPLE AVAILABLE - FROZEN										
02-16-76	50	4.0	116	0	1.0	700	0	70	0.60	420	
03-15-76	6	3.9	140	0	0.7	1375	0	10.1	0.05	99	
04-20-76	4	3.7	150	0	0.3	1925	0	7.49	0.01	92	
05-18-76	6	4.2	164	10	2.7	900	0.72	11.8	0.19	65	
06-15-76	2	3.6	200	0	2.0	925	0	4.80	0.05	22.2	
07-16-76	2	4.1	144	0	1.5	875	0	3.46	0.04	21.0	
08-17-76	22	3.9	174	0	1.4	900	0	45.9	0.37	2.38	
09-21-76	2	3.3	128	0	2.5	950	0	3.07	0.06	22.8	
MIN.	2	3.3	20	0	0.3	55	0	0.48	0.01	1.32	
MAX.	50	5.9	200	56	3.3	1925	6.05	70	0.60	420	
AVG.	9.8	4.2					2.70	16.0	0.18	110	

PINEY CREEK WATERSHED WEIR NUMBER PY-190 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	4	6.7	8	52	0.6	1780	2.50	0.38	0.03	85
11-17-75	12	3.5	176	0	2.4	750	0	25.3	0.35	108
12-16-75	34	4.4	180	20	2.6	445	8.16	73	1.06	182
01-14-76	12	4.0	200	0	1.9	625	0	28.8	0.27	90
02-16-76	34	6.9	10	28	2.0	395	11.4	4.08	0.82	161
03-15-76	22	7.9	8	38	4.8	760	10.0	2.11	1.27	201
04-20-76	22	5.8	4	20	5.2	1125	5.28	1.06	1.37	297
05-18-76	17	6.7	50	36	7.4	265	7.34	10.2	1.51	54
06-15-76	9	6.2	16	34	7.8	705	3.67	1.73	0.84	76
07-16-76	12	6.5	82	42	5.9	1313	6.05	11.8	0.85	189
08-17-76	28	6.0	22	38	3.2	950	12.8	7.39	1.08	319
09-21-76	6	6.6	4	42	8.5	850	3.02	0.29	0.61	61
MIN.	4	3.5	4	0	0.6	265	0	0.29	0.03	54
MAX.	34	7.9	200	52	8.5	1780	12.8	73	1.51	319
AVG.	18	5.9					7.02	13.8	0.84	152

PINEY CREEK WATERSHED WEIR NUMBER PY-191 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	6	4.1	64	1	2.7	700	0.07	4.61	0.19	50
11-17-75	12	3.9	160	0	2.8	1100	0	23.0	0.40	158
12-16-75	94	4.7	156	24	1.7	960	27.1	176	1.92	1083
01-14-76	34	4.0	108	0	1.9	800	0	44.1	0.78	326
02-16-76	193	4.4	46	6	1.3	590	13.9	107	3.01	1366
03-15-76	123	4.2	90	2	2.6	780	2.95	133	3.84	1151
04-20-76	50	4.2	84	0	2.3	720	0	50	1.38	432
05-17-76	60	4.3	112	4	3.7	862	0	81	2.66	621
06-15-76	22	3.7	134	0	3.3	738	0	35.4	0.87	195
07-16-76	60	5.8	150	12	1.8	1263	8.64	108	1.30	909
08-17-76	139	4.1	130	0	1.8	1225	0	217	3.00	2043
09-21-76	42	4.1	76	2	3.9	813	1.01	38.3	1.97	410
MIN.	6	3.7	46	0	1.3	590	0	4.61	0.19	50
MAX.	193	5.8	160	24	3.9	1263	27.1	217	3.84	2043
AVG.	70	4.3					4.47	85	1.78	729

PINEY CREEK WATERSHED WEIR NUMBER PY-192 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	9	3.4	200	0	1.4	1100	0	21.6	0.15	119
11-17-75	6	3.3	340	0	1.2	1150	0	24.5	0.09	83
12-16-75	2	4.1	228	6	1.9	700	0.14	5.47	0.05	18.5
01-14-76	1	3.3	270	0	1.0	1350	0	3.24	0.01	16.2
02-16-76	6	4.0	78	0	0.7	680	0	5.62	0.05	49.0
03-15-76	22	3.8	208	0	0.6	1550	0	55	0.16	409
04-19-76	6	3.5	398	0	0.9	1150	0	28.7	0.06	83
05-17-76	6	3.5	182	0	2.1	735	0	13.1	0.15	53
06-15-76	2	3.1	176	0	2.9	663	0	4.22	0.07	15.9
07-14-76	1	3.2	194	0	1.5	613	0	2.32	0.02	7.36
08-16-76	4	3.5	184	0	2.4	675	0	8.83	0.12	32.4
09-14-76	1	3.3	218	0	1.6	950	0	2.62	0.02	11.4
MIN.	1	3.1	78	0	0.6	613	0	2.32	0.01	7.36
MAX.	22	4.1	398	6	2.9	1550	0.14	55	0.16	409
AVG.	5.5	3.5					0.01	14.6	0.08	75

PINEY CREEK WATERSHED WEIR NUMBER PY-193 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	3.5	140	0	1.3	875	0	3.36	0.03	21.0
11-17-75	2	3.3	376	0	1.6	1400	0	9.02	0.04	33.6
12-16-75	1	4.1	300	6	1.4	1175	0.07	3.60	0.02	14.1
01-14-76	2	3.3	242	0	1.3	1425	0	5.81	0.03	34.2
02-16-76	2	4.0	156	0	1.0	1425	0	3.74	0.02	34.2
03-15-76	4	3.8	244	0	1.2	1700	0	11.7	0.06	82
04-19-76	2	3.5	382	0	1.0	1538	0	9.17	0.02	36.9
05-17-76	2	3.4	298	0	2.7	1087	0	7.15	0.06	26.1
06-15-76	1	3.0	252	0	4.2	1150	0	3.02	0.05	13.8
07-14-76	4	3.2	244	0	1.9	875	0	11.7	0.09	42.0
08-16-76	4	3.4	258	0	2.4	1000	0	12.4	0.12	48.0
09-14-76	1	3.4	214	0	2.0	813	0	2.57	0.02	9.76
MIN.	1	3.0	140	0	1.0	813	0	2.57	0.02	13.8
MAX.	4	4.1	382	6	4.2	1700	0.07	12.4	0.12	82
AVG.	2.3	3.5					0.006	6.94	0.05	30.1

PINEY CREEK WATERSHED WEIR NUMBER PY-194 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	4	3.6	110	0	1.7	500	0	5.28	0.08	24.0
11-18-75	1	3.5	116	0	1.2	650	0	1.39	0.01	78
12-16-75	1	4.1	392	6	1.1	1450	0.07	4.70	0.01	17.4
01-14-76	4	3.8	186	0	3.0	725	0	8.93	0.14	34.8
02-16-76	6	4.0	172	0	0.9	1375	0	12.4	0.06	99
03-15-76	6	3.8	276	0	1.0	1825	0	19.9	0.07	131
04-19-76	6	3.4	436	0	0.9	1963	0	31.4	0.06	141
05-17-76	9	3.6	344	0	1.7	1537	0	37.2	0.18	166
06-15-76	6	3.1	380	0	3.5	1350	0	27.4	0.25	97
07-14-76	6	3.4	132	0	1.8	1263	0	9.50	0.13	91
08-16-76	6	3.5	286	0	2.1	1263	0	20.6	0.15	91
09-14-76	4	3.4	372	0	2.2	1350	0	17.9	0.11	65
MIN.	1	3.1	110	0	0.9	500	0	1.39	0.01	17.4
MAX.	9	4.1	436	6	3.5	1963	0.07	37.2	0.25	166
AVG.	4.9	3.6					0.006	16.4	0.10	86

PINEY CREEK WATERSHED WEIR NUMBER PY-195 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	6	3.5	200	0	1.8	1050	0	14.0	0.12	76
11-17-75	12	3.1	320	0	1.2	1550	0	46.1	0.17	223
12-16-75	2	4.4	148	18	0.8	600	0.43	3.55	0.02	14.0
01-14-76	2	3.8	190	0	2.2	875	0	4.56	0.05	21.0
02-16-76	6	4.3	98	4	1.0	750	0.29	7.06	0.07	54
03-15-76	6	3.9	214	0	1.0	1550	0	15.4	0.07	112
04-19-76	1	3.5	436	0	1.1	1575	0	5.23	0.01	18.9
05-17-76	1	7.4	14	126	2.2	225	1.51	0.17	0.03	2.70
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	2	6.2	12	46	0.2	110	1.10	0.29	0.005	2.64
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.1	12	0	0.2	110	0	0	0	0
MAX.	12	7.4	436	126	2.2	1575	1.10	46.1	0.17	223
AVG.	3.2	4.5					0.15	8.03	0.05	43.7

PINEY CREEK WATERSHED WEIR NUMBER PY-197 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	1	4.2	96	4	8.7	825	0.05	1.15	0.10	9.90
11-17-75	1	3.9	124	0	5.0	1000	0	1.49	0.06	12.0
12-17-75	2	4.3	140	14	3.1	625	0.34	3.36	0.07	15.0
01-14-76	2	4.0	182	0	2.2	950	0	4.37	0.05	22.8
01-26-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	6	4.9	18	14	2.7	285	1.01	1.30	0.19	20.5
03-15-76	2	4.3	132	4	27	1225	0.10	3.17	0.65	29.4
04-20-76	1	3.8	192	0	18.7	1313	0	2.30	0.22	15.8
05-18-76	1	3.9	140	0	8.0	638	0	1.68	0.10	7.66
06-14-76	1	3.4	182	0	0.4	775	0	2.18	0.005	9.30
07-14-76	1	6.1	92	30	0.2	203	0.36	1.10	0.002	2.44
08-16-76	2	4.8	26	0	3.2	210	0	0.62	0.08	5.04
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.4	18	0	0.2	203	0	0	0	0
MAX.	6	6.1	192	30	18.7	1313	1.01	3.17	0.65	29.4
AVG.	1.5	3.6					0.14	1.75	0.12	11.5

PINEY CREEK WATERSHED WEIR NUMBER PY-198 Spring on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	6	3.6	160	0	9.7	1000	0	11.5	0.70	72
11-17-75	6	3.4	232	0	11.8	1350	0	16.7	0.85	97
12-17-75	2	3.7	172	0	6.8	1088	0	4.13	0.16	26.1
01-14-76	1	3.8	210	0	4.3	1125	0	2.52	0.05	13.5
01-26-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	9	4.4	18	10	0.3	165	1.08	1.94	0.03	17.8
03-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.4	18	0	0.3	165	0	0	0	0
MAX.	9	4.4	232	10	11.8	1350	1.08	16.7	0.85	97
AVG.	1.8	1.5					0.08	2.83	0.14	17.4

PINEY CREEK WATERSHED WEIR NUMBER PY-199 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	3.4	180	0	3.0	900	0	4.32	0.07	21.6
11-17-75	1	3.1	252	0	2.7	1350	0	3.02	0.03	16.2
12-17-75	1	3.4	168	0	1.9	888	0	2.02	0.02	10.7
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
03-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.1	168	0	1.9	888	0	0	0	0
MAX.	2	3.4	252	0	3.0	1350	0	4.32	0.07	21.6
AVG.	0.3	3.3					0	0.61	0.01	4.04

PINEY CREEK WATERSHED WEIR NUMBER PY-200 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	2	3.3	160	0	3.1	1050	0	3.94	0.07	25.2
11-17-75	2	3.0	236	0	2.2	1350	0	5.66	0.05	32.4
12-17-76	1	3.4	184	0	1.8	988	0	2.21	0.02	11.9
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	4	4.0	46	0	0.9	135	0	2.21	0.04	6.48
03-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
04-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.0	46	0	0.9	135	0	0	0	0
MAX.	4	4.0	236	0	3.1	1350	0	5.66	0.07	32.4
AVG.	0.8	3.4					0	1.17	0.02	6.33

PINEY CREEK WATERSHED WEIR NUMBER PY-201 Strip mine on Piney Creek northwest of Sutton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	1	5.0	112	16	0.8	1000	0.19	1.34	0.01	12.0
11-17-75	1	4.7	72	16	0.4	1000	0.19	0.86	0.005	12.0
12-16-75	2	7.0	4	48	0.1	163	1.15	0.10	0.002	3.91
01-14-76	6	6.7	14	50	0.2	125	3.60	1.01	0.01	9.00
02-18-76	4	7.1	12	36	0.2	140	1.73	0.58	0.01	6.72
03-15-76	1	8.1	6	54	0.6	640	0.65	0.07	0.007	7.68
04-19-76	1	4.8	388	14	1.6	800	0.17	4.66	0.02	9.60
05-17-76	1	7.0	18	98	0.1	282	1.18	0.22	0.001	3.38
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.7	4	14	0.1	125	0	0	0	0
MAX.	6	8.1	388	98	1.6	1000	3.60	4.66	0.02	12.0
AVG.	1.4	6.3					0.74	0.74	0.005	5.36

PINEY CREEK WATERSHED WEIR NUMBER PY-202 Deep mine to unnamed tributary to Piney Creek 2000' southwest of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-23-76	6	4.2	200	2	0.5	100	0.14	14.0	0.04	7.20
03-16-76	1	7.1	16	2.0	2.0	110	0.19	0.19	0.02	1.32
04-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-15-76	2	5.6	30	10	0.2	100	0.24	0.72	0.005	2.40
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-28-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.2	16	2	0.2	100	0	0	0	0
MAX.	6	7.1	200	16	2.0	110	0.24	14.0	0.04	7.20
AVG.	1.1	5.6					0.07	1.86	0.008	1.37

PINEY CREEK WATERSHED WEIR NUMBER PY-203 Strip mine on unnamed tributary 1/2 mile northwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-21-75	2	3.3	264	0	1.4	413	0	6.34	0.03	9.91
12-16-75	2	4.4	64	12	0.2	65	0.29	1.54	0.005	1.56
01-19-76	NO SAMPLE AVAILABLE - FROZEN STRIPPED OUT									
MIN.	2	3.3	64	0	0.2	65	0	1.54	0.005	1.56
MAX.	2	4.4	264	12	1.4	413	0.29	6.34	0.03	9.91
AVG.	1.3	3.9					0.29	3.94	0.02	5.74

PINEY CREEK WATERSHED WEIR NUMBER PY-204 Strip mine on unnamed tributary 1/2 mile northwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-21-75	6	3.4	216	0	1.2	400	0	15.6	0.09	28.8
12-16-75	2	4.4	56	14	0.2	83	0.34	1.34	0.005	1.99
01-19-76	NO SAMPLE AVAILABLE - FROZEN STRIPPED OUT									
MIN.	2	3.4	56	0	0.2	83	0	1.34	0.005	1.99
MAX.	6	4.4	216	14	1.2	400	0.34	15.6	0.09	28.8
AVG.	2.7	3.9					0.34	8.45	0.05	15.4

PINEY CREEK WATERSHED WEIR NUMBER PY-205 Strip mine on unnamed tributary 1000' southeast of Shamburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE - DRY									
11-16-75	NO SAMPLE AVAILABLE - DRY									
12-19-75	NO SAMPLE AVAILABLE - DRY									
01-14-76	NO SAMPLE AVAILABLE - DRY STRIPPED OUT									

PINEY CREEK WATERSHED WEIR NUMBER PY-206 Strip mine to unnamed tributary to Piney Creek northeast of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-24-76	22	3.7	26	0	3.9	360	0	6.86	1.03	95
03-25-76	2	3.9	124	0	4.2	750	0	2.98	0.10	18.0
04-28-76	NO SAMPLE AVAILABLE - DRY									
05-26-76	NO SAMPLE AVAILABLE - DRY									
06-20-76	NO SAMPLE AVAILABLE - DRY									
07-14-76	NO SAMPLE AVAILABLE - DRY									
08-15-76	NO SAMPLE AVAILABLE - DRY									
09-16-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.7	26	0	3.9	360	0	0	0	0
MAX.	22	3.9	124	0	4.2	750	0	6.86	1.03	95
AVG.	3	3.8					0	1.23	0.14	14.1

PINEY CREEK WATERSHED WEIR NUMBER PY-207 Gas well on Piney Creek west of Kingsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-03-76	22	8.5	0	114	3.8	85	30.1	0	1.00	22.4
03-23-76	12	8.5	0	116	0.9	93	16.7	0	0.13	13.4
04-28-76	12	6.8	0	100	1.2	95	14.0	0	0.17	13.7
05-26-76	12	7.4	18	120	1.6	70	17.3	2.59	0.23	10.1
06-23-76	9	6.6	26	102	6.6	45	11.0	2.81	0.71	4.86
07-23-76	12	7.1	20	102	5.2	70	14.7	2.88	0.75	10.1
08-25-76	12	6.5	14	120	2.8	38	17.3	2.02	0.40	5.47
09-16-76	9	7.0	4	126	2.7	30	13.6	0.43	0.29	3.24
MIN.	9	6.5	0	100	0.9	30	11.0	0	0.13	3.24
MAX.	22	8.5	26	126	6.6	95	30.1	2.88	1.00	22.4
AVG.	13	7.3					16.8	1.02	0.46	10.4

PINEY CREEK WATERSHED WEIR NUMBER PY-208 Gas well on Piney Creek west of Kingsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-23-76	1	8.6	0	136	28.2	95	1.63	0	0.34	1.14
04-28-76	1	6.4	0	98	3.3	100	1.18	0	0.04	1.20
05-26-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	6.4	0	98	3.3	95	0	0	0	0
MAX.	1	8.6	0	136	28.2	100	1.63	0	0.38	2.34
AVG.	0.29	7.5					0.40	0	0.05	0.33

PINEY CREEK WATERSHED WEIR NUMBER PY-300 Strip mine to unnamed tributary to Brush Run, north of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-19-75	9	3.2	1422	0	48	5500	0	154	5.18	594
01-19-76	22	2.8	3008	0	177	8500	0	794	46.7	2244
02-19-76	34	3.0	2086	0	196	3900	0	851	80	1591
03-17-76	12	2.9	1840	0	137.5	3900	0	265	19.8	562
04-22-76	12	2.9	1886	0	75.0	3400	0	272	10.8	490
05-17-76	6	2.8	2380	0	75.0	3800	0	171	5.40	274
06-14-76	22	2.5	2400	0	74.0	4100	0	634	19.5	1082
07-15-76	6	2.9	1958	0	68.3	5500	0	141	4.92	396
08-17-76	2	2.8	2364	0	108.7	9500	0	57	2.61	228
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.5	1422	0	48	3400	0	0	0	0
MAX.	34	3.2	3008	0	196	9500	0	851	80	2244
AVG.	14	2.9					0	334	19.5	746

PINEY CREEK WATERSHED WEIR NUMBER PY-301 Strip mine to unnamed tributary to Brush Run, north of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-18-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	2	3.5	734	0	8.0	1625	0	17.6	0.19	39.0
03-17-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
04-22-76	2	2.9	1250	0	18.2	1925	0	30.0	0.44	46.2
05-17-76	6	2.9	890	0	137.5	2550	0	64	9.90	184
06-14-76	2	2.6	1178	0	18.0	1863	0	28.3	0.43	44.7
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.6	734	0	8.0	1625	0	0	0	0
MAX.	6	3.5	1178	0	137.5	2550	0	64	9.90	184
AVG.	1.5	2.9					0	17.5	1.37	39.3

PINEY CREEK WATERSHED WEIR NUMBER PY-302 Strip mine to Brush Run, northeast of Brush Run's mouth.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	4.2	4	4	0.01	35	0.10	0.09	0.0002	0.84
11-21-75	2	3.9	24	0	0.5	80	0	0.58	0.01	1.92
12-19-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN			-	-	-	-	-	-	-
02-18-76	6	7.9	2	30	2.7	110	2.16	0.14	0.19	7.92
03-18-76	1	5.3	4	8	0.02	70	0.10	0.05	0.0002	0.84
04-22-76	2	6.1	4	36	0.3	155	0.10	0.10	0.007	3.72
05-17-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	3.9	2	0	0.01	35	0	0	0	0
MAX.	6	7.9	24	36	2.7	155	2.16	0.58	0.19	7.92
AVG.	1.2	4.3					0.22	0.09	0.02	1.38

PINEY CREEK WATERSHED WEIR NUMBER PY-303 Strip mine to Brush Run, northeast of Brush Run's mouth.

10-20-75	2	4.4	8	4	0.1	32	0.10	0.19	0.002	0.80
11-21-75	2	4.2	28	4	0.5	110	0.10	0.67	0.01	2.60
12-16-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN			-	-	-	-	-	-	-
02-18-76	12	7.5	2	40	2.9	135	5.76	0.29	0.42	19.4
03-18-76	2	7.3	2	8	0.01	68	0.19	0.05	0.0002	1.63
04-22-76	2	6.4	4	28	0.8	115	0.10	0.10	0.02	2.76
05-17-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-15-76	1	6.6	34	14	0.1	88	0.17	0.41	0.001	1.06
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	4.2	2	4	0.01	32	0	0	0	0
MAX.	12	7.5	34	40	2.9	135	5.76	0.67	0.42	19.4
AVG.	1.9	6.1					0.58	0.16	0.04	2.57

PINEY CREEK WATERSHED WEIR NUMBER PY-304 Strip mine to unnamed tributary to Brush Run southwest of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	4.4	24	4	0.8	108	0.10	0.60	0.02	2.59
11-21-75	6	4.3	48	2	1.3	245	0.14	3.46	0.09	17.6
12-16-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN			-	-	-	-	-	-	-
02-18-76	22	8.0	2	38	0.6	125	10.0	0.53	0.16	33.0
03-18-76	2	7.6	2	16	0.07	75	0.38	0.05	0.002	1.80
04-22-76	6	3.0	220	0	13.7	800	0	15.8	0.99	58
05-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-17-76	1	6.4	44	162	0.8	83	1.94	0.53	0.01	1.00
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	3.0	2	2	0.07	75	0	0	0	0
MAX.	22	8.0	220	162	13.7	800	10	15.8	0.99	58
AVG.	3.5	5.6					1.14	1.91	0.12	10.4

PINEY CREEK WATERSHED WEIR NUMBER PY-305 Strip mine to unnamed tributary to Brush Run southwest of Williamsburg.

10-20-75	22	2.9	520	0	58.0	900	0	137	15.3	238
11-21-75	34	3.4	160	0	4.6	488	0	65	1.88	199
12-16-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN			-	-	-	-	-	-	-
02-18-76	123	8.0	4	44	0.5	115	65	5.90	0.74	170
03-18-76	12	7.4	2	14	0.1	74	2.02	0.29	0.01	10.7
04-22-76	22	3.0	206	0	15.0	575	0	54	3.96	152
05-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-17-76	4	6.6	44	160	0.9	95	7.68	2.11	0.04	4.56
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	2.9	2	0	0.1	74	0	0	0	0
MAX.	123	8.0	520	160	58.0	900	65	137	15.3	238
AVG.	20	5.2					6.79	24.0	1.99	74

PINEY CREEK WATERSHED WEIR NUMBER PY-306 Strip mine to unnamed tributary to Brush Run southwest of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	6	3.5	48	0	6.3	155	0	3.46	0.45	11.2
11-21-75	12	3.2	288	0	4.3	3250	0	41.5	0.62	468
12-16-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-18-76	34	7.5	2	78	3.1	130	31.8	0.82	1.26	53
03-18-76	6	7.7	2	18	0.06	93	1.30	0.14	0.004	6.70
04-22-76	34	2.8	580	0	35.0	1275	0	237	14.3	520
05-19-76	2	6.6	18	36	2.1	88	0.86	0.43	0.05	2.11
06-17-76	12	6.5	18	20	0.3	100	2.88	2.59	0.04	14.0
07-22-76	6	5.6	48	24	0.4	255	1.73	3.46	0.03	18.4
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.8	2	0	0.06	88	0	0	0	0
MAX.	34	7.7	580	78	6.3	3250	31.8	237	14.3	520
AVG.	10	5.4					3.51	26.3	1.53	99

PINEY CREEK WATERSHED WEIR NUMBER PY-307 Strip mine to unnamed tributary to Brush Run southwest of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	12	4.6	8	8	0.8	44	1.15	1.15	0.11	6.34
11-21-75	22	6.5	8	48	0.6	70	12.7	2.11	0.16	18.5
12-19-75	34	5.3	12	8	0.4	80	3.26	4.90	0.16	32.6
01-19-76	70	3.6	140	0	0.4	500	0	118	0.34	420
02-19-76	22	8.0	2	20	0.3	100	5.28	0.53	0.08	26.4
03-18-76	2	8.0	2	26	0.5	75	0.62	0.05	0.01	1.80
04-22-76	22	6.1	4	26	0.7	100	6.86	1.06	0.18	26.4
05-19-76	6	7.0	8	8	0.3	70	0.58	0.58	0.02	5.04
06-17-76	9	5.7	16	10	0.8	225	1.08	1.73	0.09	24.3
07-22-76	4	6.7	20	50	3.8	83	2.40	0.96	0.18	3.98
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.6	2	0	0.3	44	0	0	0	0
MAX.	70	8.0	140	50	3.8	500	12.7	118	0.34	420
AVG.	17	6.2					2.83	10.9	3.92	47.1

PINEY CREEK WATERSHED WEIR NUMBER PY-309 Strip mine on unnamed tributary to Brush Run east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	284	5.4	8	8	1.4	42	27.3	27.3	4.77	143
11-21-75	22	6.0	0	26	0.2	80	6.86	0	0.05	21.1
12-19-75	50	5.2	4	10	0.7	140	6.00	2.40	0.42	84
01-19-76	70	7.6	6	18	0.5	65	15.1	5.04	0.42	55
02-24-76	34	4.7	12	8	0.2	155	3.26	4.90	0.08	63
03-18-76	12	6.2	6	10	0.04	93	1.44	0.86	0.006	13.4
04-23-76	50	4.9	8	8	0.3	128	4.80	4.80	0.18	77
05-21-76	12	6.7	6	26	0.2	83	3.74	0.86	0.03	12.0
06-17-76	34	6.6	20	18	0.4	198	7.34	8.16	0.16	81
07-19-76	28	6.8	12	22	0.4	56	7.39	4.03	0.13	18.8
08-23-76	12	6.2	18	36	1.3	120	5.18	2.59	0.19	17.3
09-15-76	34	6.0	38	46	1.2	100	18.8	15.5	0.49	40.8
MIN.	12	4.7	0	8	0.2	42	1.44	0	0.006	12.0
MAX.	284	7.6	38	46	1.4	198	27.3	27.3	4.77	143
AVG.	54	6.0					8.92	6.37	0.58	52

PINEY CREEK WATERSHED WEIR NUMBER PY-310 Strip mine on Brush Run to Piney Creek east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	12	6.1	0	16	0.05	62	2.30	0	0.007	8.93
11-20-75	1	5.3	8	8	0.4	160	0.10	0.10	0.005	1.92
12-19-75	2	6.2	4	14	0.05	235	0.34	0.10	0.001	5.64
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-20-76	2	7.3	8	24	0.6	290	0.58	0.19	0.01	6.96
02-24-76	6	7.0	12	14	0.4	260	1.01	0.86	0.03	18.7
03-18-76	6	7.7	2	16	0.03	160	1.15	0.14	0.002	11.5
04-23-76	4	6.1	2	24	0.1	128	1.15	0.10	0.005	6.14
05-21-76	1	5.6	8	8	0.5	140	0.10	0.10	0.006	1.68
06-17-76	2	6.0	24	16	0.9	245	0.38	0.58	0.02	5.88
07-19-76	2	5.9	24	14	15.0	203	0.34	0.58	0.36	4.87
08-23-76	2	6.0	28	36	0.8	65	0.86	0.67	0.02	1.56
09-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	5.3	2	8	0.03	62	0	0	0	0
MAX.	12	7.7	28	36	15.0	290	2.30	0.86	0.36	18.7
AVG.	3.3	6.3					0.69	0.28	0.04	6.15

PINEY CREEK WATERSHED WEIR NUMBER PY-311 Strip mine discharge to Brush Run east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	123	4.5	36	8	0.03	375	11.8	53	0.04	554
11-20-75	6	4.5	188	6	0.02	975	0.43	13.5	0.001	70
12-19-75	50	4.7	92	10	0.01	650	6.00	55	0.01	390
01-19-76	34	3.7	220	0	0.1	850	0	90	0.04	347
02-20-76	70	3.9	112	0	0.1	650	0	94	0.08	546
02-24-76	50	3.8	94	0	0.1	875	0	56	0.06	525
03-18-76	34	3.8	168	0	0.04	1125	0	69	0.02	459
04-23-76	70	4.6	80	0	0.05	1763	0	67	0.04	1481
05-21-76	12	4.5	112	0	0.3	963	0	16.1	0.04	139
06-17-76	12	4.1	370	0	0.15	655	0	53	0.02	94
07-19-76	34	4.4	224	2	0.15	1013	0.82	91	0.06	413
08-23-76	22	4.5	230	0	0.1	900	0	61	0.03	238
09-15-76	17	4.3	220	0	0.1	1175	0	44.9	0.02	240
MIN.	6	3.7	36	0	0.01	375	0	13.5	0.001	70
MAX.	123	4.7	370	10	0.15	1763	11.8	94	0.08	1481
AVG.	40	4.3					1.59	59	0.03	414

PINEY CREEK WATERSHED WEIR NUMBER PY-312 Strip mine on unnamed tributary to Brush Run southeast of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	17	3.6	120	0	2.2	1500	0	24.5	0.45	306
11-20-75	12	3.4	128	0	0.6	825	0	18.4	0.09	119
12-19-75	34	3.7	10	0	1.2	870	0	4.08	0.49	355
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	70	4.0	90	0	0.7	800	0	76	0.59	672
03-18-76	34	4.0	80	0	1.1	1375	0	32.6	0.45	561
04-28-76	22	3.8	58	0	0.7	730	0	15.3	0.18	193
05-26-76	22	3.7	132	0	0.8	862	0	34.8	0.21	228
06-23-76	12	3.4	98	0	0.3	875	0	14.1	0.04	126
07-20-76	17	3.7	394	0	0.7	700	0	80	0.14	143
08-23-76	17	3.7	162	0	1.4	725	0	33.0	0.29	148
09-15-76	28	3.6	178	0	1.3	1088	0	60	0.44	366
MIN.	12	3.4	10	0	0.3	700	0	4.08	0.04	119
MAX.	70	4.0	394	0	2.2	1500	0	80	0.59	672
AVG.	26	3.7					0	35.7	0.31	292

PINEY CREEK WATERSHED WEIR NUMBER PY-313 Strip mine on unnamed tributary to Brush Run southeast of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	2	5.0	20	19	3.3	350	0.46	0.48	0.08	8.40
11-20-75	2	6.2	16	26	0.6	690	0.62	0.38	0.01	16.6
12-19-75	2	5.9	12	22	1.9	510	0.53	0.29	0.05	12.3
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	6	4.2	46	14	1.1	420	1.01	3.31	0.08	30.2
03-18-76	2	5.5	54	14	0.9	1350	0.34	1.30	0.02	32.4
04-28-76	4	5.5	20	10	0.6	820	0.48	0.96	0.03	39.4
05-26-76	6	6.0	96	36	0.9	738	2.59	6.91	0.06	53
06-23-76	2	5.7	94	8	1.4	650	0.19	2.26	0.03	15.6
07-20-76	1	6.0	98	20	9.9	525	0.24	1.18	0.12	6.30
08-23-76	2	5.9	68	32	4.4	400	0.77	1.63	0.11	9.60
09-15-76	2	5.7	98	38	1.5	725	0.91	2.35	0.04	17.4
MIN.	1	4.2	12	8	0.6	350	0.19	0.29	0.01	6.30
MAX.	6	6.2	98	38	9.9	1350	2.59	6.91	0.12	53
AVG.	2.8	5.6					0.74	1.91	0.06	21.9

PINEY CREEK WATERSHED WEIR NUMBER PY-314 Strip mine on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	6	5.5	0	20	0.1	114	1.44	0	0.007	8.21
11-20-75	1	5.3	8	8	0.01	198	0.10	0.10	0.0001	2.38
12-19-75	12	5.5	4	24	0.05	345	3.46	0.58	0.01	50
01-19-76	6	4.8	52	16	0.06	230	1.15	3.74	0.004	16.6
02-20-76	4	7.5	6	16	0.1	200	0.77	0.28	0.005	9.60
03-19-76	4	7.2	18	20	0.05	230	0.96	0.86	0.002	11.0
04-26-76	6	5.4	10	20	0.05	185	1.44	0.72	0.004	13.3
05-26-76	2	6.4	58	26	0.4	173	0.62	1.39	0.01	4.15
06-23-76	2	5.7	18	24	0.2	198	0.58	0.43	0.005	4.75
07-20-76	4	5.8	40	14	0.6	193	0.67	1.92	0.03	9.26
08-24-76	4	6.1	14	24	0.03	170	1.15	0.67	0.001	8.16
09-16-76	2	6.6	8	58	0.05	65	1.39	0.19	0.001	1.56
MIN.	1	4.8	0	8	0.01	65	0.10	0	0.0001	1.56
MAX.	12	7.5	58	58	0.6	345	3.46	3.74	0.03	50
AVG.	4.4	5.9					1.14	0.91	0.007	11.6

PINEY CREEK WATERSHED WEIR NUMBER PY-315 Strip mine to unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	5.9	8	8	0.06	102	0.19	0.19	0.001	2.45
11-20-75	1	5.8	8	24	0.2	135	0.29	0.10	0.002	1.62
12-19-75	6	5.7	2	14	0.01	155	1.01	0.14	0.001	11.2
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	2	4.0	80	0	0.1	325	0	1.92	0.002	7.80
03-19-76	4	7.1	14	12	0.3	125	0.58	0.67	0.01	6.00
04-26-76	4	5.9	10	10	0.01	148	0.48	0.48	0.001	7.10
05-26-76	2	6.6	28	28	0.8	133	0.67	0.67	0.02	3.19
06-23-76	1	6.0	16	16	1.0	115	0.19	0.19	0.01	1.38
07-20-76	1	6.3	36	14	0.1	130	0.17	0.43	0.001	1.56
08-24-76	2	6.5	12	18	0.03	85	0.43	0.29	0.001	0.58
09-16-76	1	6.8	4	42	0.1	48	0.50	0.05	0.001	0.58
MIN.	1	4.0	2	8	0.01	48	0.17	0.05	0.001	0.58
MAX.	6	7.1	80	42	1.0	325	1.01	1.92	0.02	11.2
AVG.	2.4	6.1					0.41	0.47	0.005	4.08

PINEY CREEK WATERSHED WEIR NUMBER PY-316 Strip mine to unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	6.1	4	16	0.4	50	0.40	0.10	0.01	1.20
11-20-75	1	7.3	8	8	0	100	0.10	0.10	0	1.20
12-19-75	1	6.4	16	84	2.6	80	1.01	0.19	0.03	0.96
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	2	6.7	12	14	0.2	150	0.34	0.29	0.005	3.60
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-26-76	2	6.0	10	14	0.4	108	0.33	0.24	0.01	2.59
05-26-76	1	6.7	84	96	2.3	83	1.15	1.01	0.03	1.01
06-23-76	2	6.3	64	72	2.3	556	1.73	1.54	0.06	13.3
07-20-76	2	6.6	28	60	2.4	35	1.44	0.67	0.06	0.84
08-24-76	1	6.4	26	74	3.1	75	0.89	0.31	0.04	0.90
09-17-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	6.0	4	8	0.2	35	0	0	0	0
MAX.	2	7.3	84	96	3.1	556	1.73	1.54	0.06	13.3
AVG.	1.3	6.5					0.67	0.40	0.02	2.33

PINEY CREEK WATERSHED WEIR NUMBER PY-318 Deep mine stripped to unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	123	3.3	96	0	4.2	400	0	142	6.20	590
11-21-75	34	3.7	72	0	1.2	338	0	29.4	0.49	138
12-18-75	338	3.5	108	0	4.1	375	0	438	16.6	1521
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-19-76	4	4.8	20	6	1.0	100	0.29	0.96	0.05	4.80
03-22-76	70	3.8	100	0	1.9	237	0	84	1.60	199
04-22-76	50	3.7	54	0	1.2	287	0	32.4	0.72	172
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-23-76	9	3.3	120	0	0.9	525	0	13.0	0.10	57
07-21-76	9	3.5	110	0	0.9	270	0	11.9	0.10	2.92
08-20-76	22	3.9	142	0	0.9	630	0	37.5	0.24	166
09-17-76	9	3.6	68	0	1.0	200	0	7.34	0.12	21.6
MIN.	4	3.3	20	0	0.9	100	0	0.96	0.05	4.80
MAX.	338	4.8	142	6	4.2	630	0.29	438	16.6	1521
AVG.	67	3.7					0.03	80	2.62	290

PINEY CREEK WATERSHED WEIR NUMBER PY-319 Deep mine stripped to unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	6	3.6	16	0	1.3	102	0	1.15	0.10	7.34
11-21-75	2	3.8	44	0	1.2	263	0	1.06	0.03	6.31
12-18-75	1	3.8	54	0	1.0	163	0	0.65	0.01	1.96
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-19-76	4	7.5	2	20	0.3	60	0.96	0.10	0.01	2.88
03-22-76	4	4.0	40	0	0.6	145	0	1.92	0.03	6.96
04-22-76	28	3.8	34	0	1.0	155	0	11.4	0.34	52
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-23-76	4	3.3	62	0	1.9	1100	0	2.98	0.09	53
07-19-76	NO SAMPLE AVAILABLE - DRY									
08-20-76	1	4.5	146	0	2.4	538	0	1.75	0.03	6.46
09-17-76	1	4.0	20	0	0.6	48	0	0.24	0.01	0.58
MIN.	1	3.3	2	0	0.3	48	0	0	0	0
MAX.	28	7.5	146	20	2.4	1100	0.96	11.4	0.34	53
AVG.	5.1	4.2					0.09	2.14	0.006	13.8

PINEY CREEK WATERSHED WEIR NUMBER PY-320 Deep mine stripped on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	3.8	56	0	0.6	167	0	1.34	0.01	4.01
11-21-75	1	3.9	76	0	0.8	300	0	0.91	0.01	3.60
12-18-75	1	4.1	152	2	1.2	75	0.02	1.82	0.01	0.90
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-24-76	2	3.8	86	0	1.8	250	0	2.06	0.04	6.00
03-25-76	1	3.8	96	0	0.6	250	0	1.15	0.007	3.00
04-22-76	2	4.1	72	0	0.5	205	0	1.73	0.01	4.92
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	2	3.6	170	0	1.5	475	0	4.08	0.04	11.4
07-21-76	1	3.7	140	0	1.0	638	0	1.68	0.01	7.66
08-20-76	1	4.4	72	0	1.1	288	0	0.86	0.01	3.46
09-17-76	2	3.8	50	0	0.7	85	0	1.20	0.02	2.04
MIN.	1	3.6	50	0	0.5	75	0	0.86	0.007	0.90
MAX.	2	4.4	170	2	1.8	638	0.02	4.08	0.04	11.4
AVG.	1.5	3.9					0.002	1.68	0.02	4.69

PINEY CREEK WATERSHED WEIR NUMBER PY-321 Deep mine stripped on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	2.9	240	0	68.0	650	0	5.76	1.63	15.6
11-21-75	2	3.1	232	0	49.0	825	0	5.57	1.18	19.8
12-18-75	2	3.2	200	0	46.0	538	0	4.80	1.10	12.9
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-24-76	2	3.5	120	0	19.5	325	0	2.88	0.47	7.80
03-22-76	2	3.3	224	0	25.0	625	0	5.38	0.60	15.0
04-22-76	2	3.0	212	0	30.0	1375	0	5.09	0.72	33.0
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	2	2.7	190	0	65.5	900	0	4.56	1.57	21.6
07-21-76	2	2.8	298	0	62.3	925	0	7.15	1.50	22.2
08-20-76	4	3.0	266	0	66.8	1413	0	12.8	3.21	68
09-17-76	2	2.8	270	0	58.5	775	0	6.48	1.40	18.6
MIN.	2	2.7	120	0	19.5	325	0	2.88	0.47	7.80
MAX.	4	3.5	298	0	68.0	1413	0	12.8	3.21	68
AVG.	2.2	3.0					0	6.05	1.34	23.5

PINEY CREEK WATERSHED WEIR NUMBER PY-322 Deep mine stripped on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	2.9	200	0	49.0	675	0	4.80	1.18	16.2
11-21-75	1	3.1	224	0	35.0	775	0	2.69	0.42	9.30
12-18-75	1	3.1	200	0	34.0	613	0	2.40	0.41	7.36
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-24-76	2	3.5	134	0	18.0	350	0	3.22	0.43	8.40
03-22-76	1	3.4	188	0	9.8	625	0	2.26	0.12	7.50
04-22-76	1	3.0	192	0	9.9	925	0	2.30	0.12	11.1
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	1	2.6	360	0	30.0	900	0	4.32	0.36	10.8
07-21-76	1	2.9	240	0	32.5	968	0	2.88	0.39	11.9
08-20-76	1	3.2	260	0	41.3	1350	0	3.12	0.50	16.2
09-17-76	1	2.9	234	0	34.8	550	0	2.81	0.42	6.60
MIN.	1	2.6	134	0	9.8	350	0	2.26	0.12	6.60
MAX.	2	3.5	360	0	49.0	1350	0	4.80	1.18	16.2
AVG.	1.2	3.1					0	3.51	0.44	10.5

PINEY CREEK WATERSHED WEIR NUMBER PY-323 Deep mine stripped on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-05-75	34	4.8	176	10	63	863	4.08	72	25.7	352
12-18-75	50	4.3	188	2	48.0	688	1.20	113	28.8	413
01-20-76	17	5.1	134	22	43.7	1050	4.49	27.3	8.91	214
02-24-76	22	4.4	122	6	32.0	350	1.58	32.2	8.45	92
03-23-76	22	4.4	94	4	37.5	1500	1.06	24.8	9.90	396
04-22-76	94	3.2	104	0	34.0	770	0	117	38.4	869
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	50	3.2	206	0	51.8	800	0	124	31.1	480
07-21-76	28	3.2	196	0	52.5	863	0	66	17.6	290
08-20-76	42	3.0	304	0	55.0	1180	0	153	27.7	595
09-17-76	50	3.2	122	0	43	400	0	73	25.8	240
MIN.	17	3.0	94	0	32.0	350	0	24.8	8.45	92
MAX.	94	5.1	304	22	63.0	1500	4.49	153	38.4	869
AVG.	41	3.6					1.24	80	22.2	394

PINEY CREEK WATERSHED WEIR NUMBER PY-324 Air seal to unnamed tributary to Brush Run to Piney Creek north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	12	3.1	168	0	17.9	390	0	24.2	2.58	56
11-26-75	4	3.3	280	0	17.5	650	0	13.4	0.84	31.2
12-19-75	12	3.4	194	0	24.0	600	0	27.9	3.46	86
01-19-76	6	3.5	188	0	5.0	625	0	13.5	0.36	45.0
02-19-76	22	3.4	152	0	6.6	425	0	40.1	1.74	112
03-23-76	28	3.6	186	0	4.8	625	0	62	1.61	210
04-22-76	12	3.3	160	0	3.9	987	0	23.0	0.56	142
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	1	2.9	356	0	21.2	700	0	4.27	0.25	8.40
07-21-76	9	3.0	236	0	26.5	775	0	25.5	2.86	84
08-20-76	22	3.1	196	0	30.3	863	0	52	8.00	228
09-17-76	12	3.1	168	0	23.8	550	0	24.2	3.43	79
MIN.	1	2.9	152	0	3.9	390	0	4.27	0.25	8.40
MAX.	28	3.6	356	0	30.3	987	0	62	8.00	228
AVG.	13	3.2					0	28.2	2.34	98

PINEY CREEK WATERSHED WEIR NUMBER PY-325 Deep mine on unnamed tributary to Brush Run northeast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	NO SAMPLE AVAILABLE - DRY									
11-20-75	NO SAMPLE AVAILABLE - DRY									
12-22-75	NO SAMPLE AVAILABLE - FROZEN									
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-19-76	NO SAMPLE AVAILABLE - DRY									
03-23-76	NO SAMPLE AVAILABLE - DRY									
04-28-76	4	3.0	208	0	7.8	925	0	9.98	0.37	44.4
05-19-76	NO SAMPLE AVAILABLE - DRY									
06-15-76	NO SAMPLE AVAILABLE - DRY									
07-21-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-17-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.0	208	0	7.8	925	0	0	0	0
MAX.	4	3.0	208	0	7.8	925	0	9.98	0.37	44.4
AVG.	0.4	3.0					0	0.99	0.04	4.44

PINEY CREEK WATERSHED WEIR NUMBER PY-326 Strip mine on unnamed tributary to Brush Run northeast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-10-75	2	3.4	88	0	2.7	550	0	2.11	0.06	13.2
11-26-75	2	3.8	72	0	25.0	387	0	1.73	0.60	9.29
12-22-75	NO SAMPLE AVAILABLE - FROZEN									
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-19-76	2	3.6	332	0	4.3	1550	0	8.00	0.10	37.2
03-23-76	NO SAMPLE AVAILABLE - DRY									
04-28-76	9	3.6	76	0	1.6	225	0	8.21	0.17	24.3
05-23-76	NO SAMPLE AVAILABLE - DRY									
06-21-76	1	2.9	330	0	1.4	900	0	3.96	0.02	10.8
07-21-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-17-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	2.9	72	0	1.4	225	0	0	0	0
MAX.	9	3.8	332	0	25.0	1550	0	8.21	0.60	37.2
AVG.	1.6	3.5					0	2.40	0.09	9.48

PINEY CREEK WATERSHED WEIR NUMBER PY-327 Strip mine on unnamed tributary to Brush Run northeast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	NO SAMPLE AVAILABLE - DRY									
11-20-75	NO SAMPLE AVAILABLE - DRY									
12-23-75	2	4.0	104	0	2.0	310	0	2.50	0.05	7.44
01-20-76	2	3.7	68	0	6.4	225	0	1.63	0.15	5.40
02-19-76	1	3.5	332	0	4.9	1350	0	3.98	0.06	16.2
03-23-76	NO SAMPLE AVAILABLE - DRY									
04-22-76	NO SAMPLE AVAILABLE - DRY									
05-17-76	NO SAMPLE AVAILABLE - DRY									
06-20-76	NO SAMPLE AVAILABLE - DRY									
07-14-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-17-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.5	68	0	2.0	225	0	0	0	0
MAX.	2	4.0	332	0	6.4	1350	0	3.98	0.15	16.2
AVG.	0.42	3.7					0	0.68	0.02	2.42

PINEY CREEK WATERSHED WEIR NUMBER PY-328 Deep mine on unnamed tributary to Brush Run northeast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	34	3.1	172	0	11.3	750	0	58	0.17	2.28
11-26-75	34	3.1	344	0	2.4	1150	0	1.58	0.04	4.80
12-23-75	70	3.3	320	0	45	1500	0	0.91	0.06	3.24
01-20-76	34	3.4	224	0	10.9	975	0	91.4	4.45	398
02-19-76	284	3.4	222	0	20.0	900	0	757	68	3067
03-23-76	94	3.5	356	0	23.7	1000	0	492	26.7	1128
04-28-76	70	3.1	270	0	25.0	925	0	227	21.0	777
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	22	3.0	600	-	44.0	1275	0	158	11.6	337
07-21-76	12	3.0	286	0	34.3	1188	0	41.2	4.94	171
08-20-76	28	3.0	258	0	30.0	900	0	87	10.1	302
09-17-76	17	2.9	372	0	38.3	1088	0	76	7.81	222
MIN.	12	2.9	172	0	2.4	750	0	0.91	0.06	2.28
MAX.	284	3.5	600	0	45	1500	0	757	68	3067
AVG.	64	3.2					0	173	14.1	583

PINEY CREEK WATERSHED WEIR NUMBER PY-329 Strip mine on unnamed tributary to Brush Run northeast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	2	3.3	320	0	7.9	1140	0	7.68	0.20	27.4
11-26-75	1	3.5	732	0	5.5	1775	0	8.78	0.07	21.3
12-19-75	1	3.6	468	0	10.5	1425	0	5.62	0.13	17.1
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-19-76	4	3.6	338	0	1.6	1050	0	16.2	0.08	50
03-23-76	1	3.6	500	0	3.9	1150	0	6.00	0.05	13.8
04-22-76	9	4.5	162	0	2.3	538	0	17.5	0.25	58
05-21-76	NO SAMPLE AVAILABLE - DRY									
06-21-76	1	2.7	496	0	7.0	1275	0	5.95	0.08	15.3
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-17-76	6	5.8	18	38	1.7	210	2.74	1.30	0.12	15.1
MIN.	0	2.7	18	0	1.6	210	0	0	0	0
MAX.	9	5.8	732	38	10.5	1775	2.74	17.5	0.25	58
AVG.	2.3	3.8					0.25	6.28	0.09	19.8

PINEY CREEK WATERSHED WEIR NUMBER PY-330 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	6	3.7	56	0	0.1	225	0	4.03	0.01	16.2
03-16-76	4	3.7	90	0	0.2	355	0	4.32	0.01	17.0
04-23-76	12	4.2	62	0	0.3	348	0	8.93	0.04	50
05-20-76	6	3.7	96	0	0.6	380	0	6.91	0.04	27.4
06-18-76	4	3.3	228	0	1.4	600	0	10.9	0.07	28.8
07-22-76	2	3.6	124	0	3.1	365	0	2.98	0.07	8.76
08-19-76	4	4.1	96	0	0.9	400	0	4.61	0.04	19.2
09-22-76	1	6.8	64	64	2.1	170	0.77	0.77	0.03	2.04
MIN.	1	3.3	56	0	0.1	170	0	0.77	0.01	2.04
MAX.	12	6.8	228	64	2.1	600	0.77	10.9	0.07	50
AVG.	4.9	4.1					0.09	5.43	0.04	21.2

PINEY CREEK WATERSHED WEIR NUMBER PY-331 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	NO SAMPLE AVAILABLE - DRY									
03-16-76	2	7.4	4	8	0.02	140	0.19	0.10	0.001	3.36
04-23-76	2	5.9	2	10	0.03	148	0.24	0.05	0.001	3.55
05-21-76	1	5.7	8	14	0.1	108	0.17	0.10	0.001	1.30
06-18-76	1	5.7	26	24	0.09	83	0.29	0.31	0.001	1.00
07-22-76	1	7.0	76	112	1.5	193	1.34	0.91	0.02	2.32
08-19-76	2	6.9	4	136	2.0	148	3.26	0.10	0.05	3.55
09-22-76	1	6.4	8	118	0.4	75	1.42	0.10	0.01	0.90
MIN.	0	5.7	2	8	0.02	75	0	0	0	0
MAX.	2	7.4	76	136	1.5	193	3.26	0.91	0.05	3.55
AVG.	1.3	6.4					0.86	0.21	0.01	1.99

PINEY CREEK WATERSHED WEIR NUMBER PY-332 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	4	4.8	12	8	0.05	150	0.38	0.58	0.002	7.20
03-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
04-23-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	4.8	12	8	0.05	150	0	0	0	0
MAX.	4	4.8	12	8	0.05	150	0.38	0.58	0.002	7.20
AVG.	0.5	4.8					0.05	0.07	0.0003	0.90

PINEY CREEK WATERSHED WEIR NUMBER PY-333 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

01-22-76	6	4.9	16	8	1.1	130	0.58	1.15	0.08	9.36
02-20-76	6	4.3	12	4	0.03	100	0.29	0.86	0.002	7.20
03-16-76	2	4.9	12	6	0.08	110	0.14	0.29	0.002	2.64
04-23-76	2	5.0	6	6	0.2	180	0.14	0.14	0.005	4.32
05-21-76	1	4.8	16	6	0.5	95	0.07	0.19	0.006	1.14
06-18-76	1	4.5	34	6	0.2	115	0.07	0.41	0.002	1.38
07-22-76	1	6.3	70	26	0.3	180	0.31	0.84	0.004	2.16
08-19-76	2	4.9	20	12	0.9	120	0.29	0.48	0.02	2.88
09-22-76	1	5.1	32	8	1.2	180	0.10	0.38	0.01	2.16
MIN.	1	4.3	6	4	0.03	95	0.07	0.14	0.002	1.14
MAX.	6	6.3	70	26	1.2	180	0.58	1.15	0.08	9.36
AVG.	2.4	4.9					0.22	0.53	0.01	3.69

PINEY CREEK WATERSHED WEIR NUMBER PY-334 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	2	4.3	30	8	3.9	95	0.19	0.72	0.09	2.28
02-20-76	2	3.8	194	0	0.1	125	0.48	4.66	0.002	3.00
03-17-76	2	4.2	10	4	0.04	83	0.10	0.24	0.001	1.99
04-23-76	2	5.0	8	8	0.1	93	0.19	0.19	0.002	2.23
05-21-76	2	4.4	20	8	0.2	115	0.19	0.48	0.005	2.76
06-18-76	1	5.0	34	14	5.4	133	0.17	0.41	0.06	1.60
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-19-76	1	4.6	26	4	0.4	185	0.05	0.31	0.005	2.22
09-22-76	1	4.8	28	4	0.9	163	0.05	0.34	0.01	1.96
MIN.	0	3.8	8	4	0.04	83	0	0	0	0
MAX.	2	5.0	194	14	5.4	185	0.48	4.66	0.09	3.00
AVG.	1.4	4.5					0.16	0.82	0.02	2.00

PINEY CREEK WATERSHED WEIR NUMBER PY-335 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

01-22-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	4	4.5	58	10	0.05	100	0.48	2.78	0.002	4.80
03-17-76	2	4.6	10	4	0.05	86	0.10	0.24	0.001	2.06
04-23-76	4	5.3	6	8	0.01	78	0.38	0.29	0.001	3.74
05-21-76	2	4.8	10	8	0.1	120	0.19	0.24	0.002	2.88
06-18-76	1	6.0	26	18	0.03	115	0.22	0.31	0.0004	1.38
07-22-76	1	7.0	32	90	0.5	160	1.08	0.38	0.006	1.92
08-19-76	1	6.3	10	30	0.1	128	0.36	0.12	0.001	1.54
09-22-76	1	5.8	4	48	0.4	135	0.58	0.05	0.01	1.62
MIN.	1	4.5	4	4	0.01	78	0.10	0.05	0.001	1.38
MAX.	4	7.0	58	90	0.5	160	1.08	2.78	0.01	4.80
AVG.	2	5.5					0.42	0.55	0.003	2.49

PINEY CREEK WATERSHED WEIR NUMBER PY-336 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-20-76	2	4.8	10	14	0.1	60	0.34	0.24	0.002	1.44
03-17-76	2	4.3	16	4	0.05	115	0.10	0.38	0.001	2.76
04-23-76	2	5.0	4	4	0.1	95	0.10	0.10	0.002	2.28
05-21-76	1	4.4	20	6	0.2	100	0.07	0.24	0.002	1.20
06-18-76	1	5.7	24	8	0.4	108	0.10	0.29	0.005	1.30
07-22-76	2	6.9	60	40	1.1	155	0.96	1.44	0.03	3.72
08-19-76	2	5.3	22	14	0.4	155	0.34	0.53	0.01	3.72
09-22-76	1	5.9	8	8	0.7	135	0.10	0.10	0.01	1.62
MIN.	1	4.3	4	4	0.1	60	0.07	0.10	0.001	1.20
MAX.	2	6.9	60	40	1.1	155	0.96	1.44	0.03	3.72
AVG.	1.6	5.3					0.21	0.42	0.008	2.26

PINEY CREEK WATERSHED WEIR NUMBER PY-338 Strip mine on unnamed tributary to Brush Run northwest of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-20-76	2	4.6	8	8	0.1	65	0.19	0.19	0.002	1.56
03-17-76	2	4.4	14	6	0.5	120	0.14	0.34	0.01	2.88
04-23-76	2	4.7	12	4	0.1	95	0.10	0.29	0.002	2.28
05-21-76	1	4.5	16	4	0.4	120	0.05	0.19	0.005	1.44
06-18-76	1	5.2	30	8	0.7	75	0.10	0.36	0.008	0.90
07-22-76	1	6.9	44	38	3.6	108	0.46	0.53	0.04	1.30
08-19-76	2	5.9	10	10	2.7	95	0.24	0.24	0.07	2.28
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.4	8	4	0.1	65	0	0	0	0
MAX.	2	6.9	44	38	3.6	120	0.46	0.53	0.07	2.88
AVG.	1.4	5.2					0.16	0.27	0.02	1.58

PINEY CREEK WATERSHED WEIR NUMBER PY-339 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-20-76	4	4.7	10	10	0.1	75	0.48	0.48	0.005	3.60
03-17-76	2	4.1	30	2	0.02	178	0.05	0.72	0.0005	4.27
04-23-76	2	4.5	26	2	0.02	100	0.05	0.62	0.001	2.40
05-21-76	1	4.3	24	0	0.5	115	0	0.29	0.006	1.38
06-18-76	1	4.2	30	10	1.3	75	0.12	0.36	0.02	0.90
07-22-76	1	6.3	46	10	1.1	128	0.12	0.55	0.01	1.54
08-19-76	2	4.3	28	0	0.06	75	0	0.67	0.001	1.80
09-22-76	2	5.7	16	20	7.8	120	0.48	0.38	0.19	2.88
MIN.	1	4.1	10	0	0.02	75	0	0.29	0.001	0.90
MAX.	4	6.3	46	20	7.8	178	0.48	0.72	0.19	4.27
AVG.	1.9	4.8					0.16	0.51	0.03	2.35

PINEY CREEK WATERSHED WEIR NUMBER PY-340 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-20-76	2	4.8	8	6	0.08	60	0.14	0.19	0.002	1.44
03-17-76	2	4.2	16	2	1.1	147	0.05	0.38	0.03	3.53
04-23-76	1	4.7	14	4	2.1	83	0.05	0.17	0.03	1.00
05-21-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.2	8	2	0.08	60	0	0	0	0
MAX.	2	4.8	16	6	2.1	147	0.14	0.38	0.03	3.53
AVG.	0.6	4.6					0.03	0.09	0.007	0.74

PINEY CREEK WATERSHED WEIR NUMBER PY-341 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76			NO SAMPLE AVAILABLE - FROZEN							
02-20-76	4	4.8	6	4	0.1	92	0.19	0.29	0.005	4.42
03-17-76	2	4.7	6	6	0.2	100	0.14	0.14	0.005	2.40
04-23-76	2	5.0	6	6	0.3	70	0.14	0.14	0.007	1.68
05-21-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
06-20-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
07-14-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
08-19-76	1	6.0	14	16	0.5	115	0.19	0.17	0.006	1.38
09-22-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
MIN.	0	4.7	6	4	0.1	70	0	0	0	0
MAX.	4	6.0	14	16	0.5	115	0.19	0.29	0.007	4.42
AVG.	1.1	5.1					0.08	0.09	0.003	1.24

PINEY CREEK WATERSHED WEIR NUMBER PY-342 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	68	3.9	32	0	1.3	185	0	2.61	1.06	151
02-20-76	68	3.5	118	0	2.8	275	0	96	2.28	224
03-17-76	68	3.6	90	0	3.5	365	0	73	2.86	298
04-23-76	17	3.4	88	0	2.7	365	0	18.0	0.55	74
05-21-76	10	3.3	92	0	3.9	380	0	11.0	0.47	45.6
06-18-76	6	2.9	200	0	6.4	600	0	14.4	0.46	43.2
07-22-76	6	3.3	106	0	4.5	800	0	7.63	0.32	58
08-19-76	28	3.4	174	0	2.6	575	0	59	0.87	193
09-22-76	12	3.6	184	0	4.1	550	0	26.5	0.59	79
MIN.	6	2.9	32	0	1.3	185	0	2.61	0.32	43.2
MAX.	68	3.9	200	0	6.4	800	0	96	2.86	298
AVG.	31	3.4					0	34.2	1.05	129

PINEY CREEK WATERSHED WEIR NUMBER PY-343 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	50	3.9	28	0	3.5	195	0	16.8	2.10	117
02-20-76	4	3.9	4.0	0	3.0	375	0	0.19	0.14	18.0
03-17-76	6	3.8	40	0	4.3	770	0	2.88	0.31	55
04-23-76	12	3.4	76	0	9.1	348	0	10.9	1.31	50
05-21-76	6	3.1	100	0	22.5	800	0	7.20	1.62	58
06-18-76	6	2.7	234	0	28.2	900	0	16.8	2.03	65
07-22-76	6	3.1	162	0	32.3	538	0	11.7	2.33	38.7
08-19-76	9	3.2	100	0	28.0	775	0	10.8	3.02	84
09-22-76	6	3.7	200	0	19	775	0	14.4	1.37	56
MIN.	4	2.7	4.0	0	3.0	195	0	0.19	0.14	18.0
MAX.	50	3.9	234	0	32.3	900	0	16.8	3.02	117
AVG.	12	3.4					0	9.07	1.58	60

PINEY CREEK WATERSHED WEIR NUMBER PY-344 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	6	4.1	20	2	66.2	250	0.14	1.44	4.77	18.0
02-20-76	9	4.0	30	0	3.6	250	0	3.24	0.39	27.0
03-17-76	2	3.5	63	0	9.8	1950	0	1.58	0.24	46.8
04-23-76	2	4.3	34	0	2.9	270	0	0.82	0.07	6.48
05-21-76	2	4.2	44	0	1.0	303	0	1.06	0.02	7.39
06-18-76	1	4.1	62	10	2.7	340	0.12	0.74	0.03	4.08
07-22-76	1	5.6	102	20	1.3	270	0.24	1.22	0.02	3.24
08-19-76	2	4.3	46	6	1.8	365	0.14	1.10	0.04	8.76
09-22-76	2	4.6	100	6	6.1	400	0.14	2.40	0.15	9.60
MIN.	1	3.5	20	0	1.0	250	0	0.74	0.02	3.24
MAX.	9	5.6	102	20	66.2	1950	0.24	3.24	4.77	46.8
AVG.	3	4.3					0.09	1.50	0.64	14.6

PINEY CREEK WATERSHED WEIR NUMBER PY-345 Strip mine on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	12	3.7	30	0	4.3	275	0	4.32	0.62	39.4
02-20-76	4	4.7	6	8	0.1	100	0.38	0.29	0.005	4.80
03-17-76	6	3.9	74	0	11.2	575	0	5.83	0.81	41.4
04-23-76	12	3.3	96	0	4.1	380	0	13.8	0.59	55
05-21-76	4	3.0	112	0	7.4	863	0	5.38	0.36	41.4
06-18-76	4	2.8	214	0	14.2	900	0	10.3	0.68	43.2
07-22-76	4	3.0	140	0	7.6	800	0	6.72	0.36	38.4
08-18-76	4	3.3	114	0	5.2	760	0	5.47	0.25	36.5
09-22-76	4	3.9	200	0	8.3	775	0	9.60	0.40	37.2
MIN.	4	2.8	6	0	0.1	100	0	0.29	0.005	4.80
MAX.	12	4.7	214	8	14.2	900	0.38	13.8	0.81	55
AVG.	6	3.5					0.04	6.80	0.45	37.5

PINEY CREEK WATERSHED WEIR NUMBER PY-346 Deep mine to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	50	3.0	208	0	14.7	710	0	125	8.82	426
11-26-75	9	3.0	400	0	22.5	1225	0	43.2	2.43	132
12-19-75	50	3.3	262	0	-	50	0	157	-	30.0
01-19-76	12	3.4	340	0	11.9	875	0	49.0	1.71	126
02-19-76	70	3.6	190	0	17.5	800	0	160	14.7	672
03-22-76	28	3.3	310	0	23.7	925	0	104	7.97	311
04-22-76	12	3.1	283	0	30.0	900	0	40.8	4.32	130
05-20-76	NO SAMPLE AVAILABLE - LOST		-	-	-	-	-	-	-	-
06-21-76	22	2.6	562	0	17.5	1250	0	148	4.62	330
07-21-76	12	2.9	322	0	20.0	1250	0	46.4	2.88	180
08-20-76	17	3.1	378	0	24.5	1500	0	77	5.00	306
09-17-76	17	2.9	426	0	24	1225	0	87	4.90	250
MIN.	9	2.6	190	0	0	50	0	40.8	1.71	30.0
MAX.	70	3.6	562	0	30.0	1250	0	160	14.7	672
AVG.	27	3.1					0	94	5.21	263

PINEY CREEK WATERSHED WEIR NUMBER PY-347 Deep mine to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	3.1	156	0	3.6	500	0	3.74	0.09	12.0
11-26-75	1	3.8	380	0	3.5	975	0	4.56	0.04	11.9
12-19-75	4	3.4	200	0	-	525	0	9.60	-	25.2
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	9	3.6	54	0	0.6	225	0	5.83	0.06	24.3
03-22-76	4	3.6	220	0	2.2	675	0	10.6	0.11	32.4
04-22-76	6	3.3	192	0	2.3	700	0	13.8	0.17	50
05-20-76	NO SAMPLE AVAILABLE - LOST		-	-	-	-	-	-	-	-
06-21-76	4	2.8	446	0	5.5	925	0	21.4	0.26	44.4
07-21-76	4	3.0	374	0	6.9	1150	0	18.0	0.33	55
08-20-76	6	3.2	394	0	4.9	1413	0	28.4	0.35	102
09-17-76	4	2.9	442	0	5.5	1000	0	21.2	0.26	48.0
MIN.	1	2.8	54	0	0	225	0	3.74	0	11.9
MAX.	9	3.6	446	0	6.9	1413	0	28.4	0.35	102
AVG.	4.4	3.3					0	13.7	0.17	40.5

PINEY CREEK WATERSHED WEIR NUMBER PY-348 Seepage to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	2	4.4	24	4	6.9	95	0.01	0.60	0.17	2.28
11-26-75	1	3.9	132	0	3.3	400	0	1.58	0.04	4.80
12-19-75	2	4.6	38	8	2.7	135	0.19	0.91	0.06	3.24
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	12	4.2	24	10	0.6	100	1.44	34.6	0.09	14.4
03-22-76	6	4.0	46	0	1.4	185	0	3.31	0.10	13.3
04-22-76	9	4.3	46	0	0.7	198	0	4.97	0.08	21.4
05-20-76	NO SAMPLE AVAILABLE - LOST		-	-	-	-	-	-	-	-
06-21-76	2	3.4	124	0	3.0	413	0	2.98	0.07	9.91
07-21-76	2	4.0	80	0	15.0	225	0	1.92	0.36	5.40
08-20-76	2	4.6	106	16	37.5	238	0.38	2.54	0.90	5.71
09-17-76	2	5.7	8	32	3.5	100	0.77	0.19	0.08	2.40
MIN.	1	3.4	8	0	0.6	95	0	0.19	0.04	2.28
MAX.	12	5.7	132	32	37.5	413	1.44	34.6	0.90	21.4
AVG.	4.0	4.3					0.28	5.36	0.21	8.28

PINEY CREEK WATERSHED WEIR NUMBER PY-349 Deep mine discharge to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	6	3.0	192	0	5.2	160	0	13.8	0.37	11.5
11-26-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-19-75	1	3.3	142	0	3.8	525	0	1.70	0.05	6.30
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	4	3.3	96	0	4.3	125	0	4.61	0.21	6.00
03-22-76	2	3.3	140	0	2.8	160	0	3.36	0.07	3.84
04-22-76	1	3.2	110	0	3.5	350	0	1.32	0.04	4.20
05-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-21-76	1	2.6	158	0	4.5	350	0	1.90	0.05	4.20
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-20-76	1	3.0	252	0	5.3	863	0	3.02	0.06	10.4
09-17-76	1	2.8	54	0	1.0	238	0	0.65	0.01	2.86
MIN.	0	2.6	54	0	1.0	125	0	0	0	0
MAX.	6	3.3	252	0	5.3	863	0	13.8	0.37	11.5
AVG.	1.6	3.1					0	2.76	0.08	4.48

PINEY CREEK WATERSHED WEIR NUMBER PY-350 Strip mine to unnamed tributary to Brush Run southwest of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	2	3.7	94	0	0.3	225	0	2.26	0.01	5.40
03-18-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
04-27-76	2	4.5	60	0	0.1	75	0	1.44	0.002	1.80
05-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-17-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.7	60	0	0.1	75	0	0	0	0
MAX.	2	4.5	94	0	0.3	225	0	2.26	0.01	5.40
AVG.	0.57	4.1					0	0.53	0.002	1.03

PINEY CREEK WATERSHED WEIR NUMBER PY-351 Deep mine to unnamed tributary to Brush Run west of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	12	3.0	500	0	14.9	1350	0	72	2.15	194
11-18-75	2	3.1	440	0	13.8	2500	0	10.6	0.33	60
12-19-75	6	3.3	424	0	33.0	2300	0	30.5	2.38	166
01-16-76	6	2.9	636	0	18.7	1750	0	45.8	1.35	126
02-19-76	22	3.3	442	0	21.2	1250	0	117	5.60	330
03-18-76	6	3.5	460	0	25.0	1600	0	33.1	1.80	115
04-27-76	12	3.2	388	0	25.0	1225	0	56	3.60	176
05-30-76	2	3.0	280	0	9.6	1700	0	6.72	0.23	40.8
06-17-76	2	2.5	80	0	16.8	1963	0	1.92	0.40	47.1
07-19-76	2	2.9	706	0	8.9	2018	0	16.9	0.21	48.4
08-23-76	4	3.0	694	0	9.8	1738	0	33.3	0.47	83
09-17-76	4	2.8	332	0	1.1	1625	0	15.9	0.05	78
MIN.	2	2.5	80	0	1.1	1225	0	1.92	0.05	40.8
MAX.	22	3.5	706	0	33.0	2500	0	117	5.60	330
AVG.	6.7	3.0					0	52	1.55	122

PINEY CREEK WATERSHED WEIR NUMBER PY-352 Strip mine to unnamed tributary to Brush Run north of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	193	3.2	250	0	57.5	1050	0	579	133	2432
11-21-75	34	3.2	240	0	50.0	1775	0	98	20.4	724
12-17-75	193	3.6	180	0	46.0	975	0	417	107	2258
01-16-76	68	3.8	228	0	38.7	1050	0	186	31.6	857
02-26-76	408	3.5	340	0	30.2	1125	0	1665	148	5508
03-18-76	143	3.6	222	0	22.5	1000	0	381	38.6	1716
04-28-76	90	3.1	184	0	41.2	1413	0	199	44.5	1526
05-25-76	68	3.7	222	0	41.2	1050	0	181	33.6	857
06-23-76	65	3.3	400	0	45.0	350	0	215	35.1	273
07-20-76	68	3.4	276	0	50.0	118	0	225	40.8	96
08-26-76	68	3.1	232	0	56.2	1438	0	189	45.9	1173
09-23-76	65	3.0	368	0	52.0	1350	0	287	40.6	1053
MIN.	34	3.0	180	0	22.5	118	0	98	20.4	96
MAX.	408	3.8	400	0	57.5	1775	0	1665	148	5508
AVG.	122	3.4					0	385	60	1539

PINEY CREEK WATERSHED WEIR NUMBER PY-353 Strip mine to unnamed tributary to Brush Run north of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-10-75	12	3.0	200	0	24.3	1025	0	28.8	3.50	148
11-21-75	6	3.1	200	0	25.0	1025	0	14.4	1.80	74
12-17-75	34	3.5	232	0	19.0	875	0	95	7.75	357
01-16-76	4	3.8	242	0	26.7	825	0	11.6	1.28	39.6
02-26-76	22	3.5	297	0	10.8	1125	0	78	2.85	297
03-18-76	6	3.5	194	0	10.7	800	0	14.0	0.77	58
04-28-76	17	3.1	200	0	7.8	963	0	40.8	1.59	196
05-25-76	9	3.5	376	0	8.7	1025	0	40.6	0.94	111
06-23-76	4	2.8	424	0	24.0	988	0	20.4	1.15	47.4
07-20-76	6	3.1	326	0	17.5	1013	0	23.5	1.26	73
08-26-76	4	3.0	306	0	20.0	1150	0	14.7	0.96	55
09-23-76	4	3.1	388	0	30.0	1225	0	18.6	1.44	59
MIN.	4	2.8	194	0	7.8	800	0	11.6	0.77	39.6
MAX.	34	3.8	424	0	30.0	1225	0	95	7.75	357
AVG.	11	3.3					0	33.4	2.11	126

PINEY CREEK WATERSHED WEIR NUMBER PY-354 Deep mine on unnamed tributary to Brush Run northwest of Rehoboth Church.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-23-75	70	3.8	170	0	49.3	500	0	143	41.4	420	
11-18-75	70	4.6	160	12	50.0	775	10.1	134	42.0	651	
12-19-75	34	3.9	114	0	51.0	575	0	46.5	20.8	235	
01-16-76	34	4.4	160	16	31.7	725	6.53	65	12.9	296	
02-26-76	193	3.4	257	0	41.0	975	0	595	95	2258	
03-18-76	6	3.5	300	0	6.1	1638	0	21.6	0.44	118	
04-27-76	12	3.3	174	0	4.4	1025	0	25.1	0.63	148	
05-26-76	6	3.2	328	0	4.7	1150	0	23.6	0.34	83	
06-23-76	NO SAMPLE AVAILABLE - LOST										
07-19-76	6	3.0	306	0	4.1	1263	0	22.0	0.30	91	
08-26-76	6	3.0	230	0	2.9	1475	0	16.6	0.21	106	
09-22-76	4	3.2	388	0	5.9	1175	0	18.6	0.28	56	
MIN.	4	3.0	114	0	2.9	500	0	16.6	0.21	56	
MAX.	193	4.6	388	16	51.0	1638	10.1	595	95	2258	
AVG.	40	3.6					1.51	101	19.5	406	

PINEY CREEK WATERSHED WEIR NUMBER PY-355 Strip mine on unnamed tributary to Brush Run southeast of Stone House.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-23-75	4	4.3	216	4	0.1	800	0.20	10.4	0.005	38.4	
11-18-75	2	4.2	180	4	0.1	925	0.10	4.32	0.002	22.2	
12-16-75	NO SAMPLE AVAILABLE - DRY										
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-19-76	6	4.0	112	0	0.2	850	0	8.06	0.01	61	
03-18-76	4	3.8	204	0	0.2	1125	0	9.79	0.01	54	
04-27-76	6	4.1	140	0	0.25	775	0	10.1	0.02	56	
05-20-76	2	3.9	226	0	0.2	1088	0	5.42	0.005	26.1	
06-17-76	4	3.4	146	0	0.7	1188	0	7.01	0.03	57	
07-19-76	2	3.7	260	0	0.9	1100	0	6.24	0.02	26.4	
08-23-76	2	3.7	286	0	0.9	1313	0	6.86	0.02	31.5	
09-17-76	4	4.2	64	4	0.3	400	0.19	3.07	0.01	19.2	
MIN.	0	3.4	64	0	0.1	400	0	0	0	0	
MAX.	6	4.3	286	4	0.25	1313	0.20	10.4	0.02	61	
AVG.	3.3	3.9					0.04	6.48	0.01	35.6	

PINEY CREEK WATERSHED WEIR NUMBER PY-356 Deep mine on unnamed tributary to Brush Run southeast of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	70	3.1	200	0	8.3	710	0	168	6.97	596
11-20-75	94	3.2	252	0	11.6	3000	0	284	13.1	3384
12-19-75	94	3.4	248	0	17.7	725	0	280	20.0	818
01-16-76	70	3.4	200	0	7.7	725	0	168	6.47	609
02-26-76	193	3.6	290	0	4.9	1000	0	672	11.3	2316
03-18-76	34	3.4	190	0	8.2	825	0	78	3.35	337
04-26-76	70	3.3	140	0	8.3	825	0	118	6.97	693
05-20-76	50	2.9	240	0	8.5	963	0	144	5.10	578
06-17-76	50	2.7	400	0	15.0	1475	0	240	9.00	885
07-19-76	70	3.1	228	0	9.3	650	0	192	7.81	546
08-23-76	50	3.0	320	0	8.7	988	0	192	5.22	593
09-20-76	70	3.2	172	0	13.0	775	0	145	10.9	651
MIN.	34	2.7	140	0	4.9	650	0	78	3.35	337
MAX.	193	3.6	400	0	17.7	3000	0	672	20.0	3384
AVG.	76	3.2					0	223	8.85	1000

PINEY CREEK WATERSHED WEIR NUMBER PY-357 Below deep mine on unnamed tributary to Brush Run southeast of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	2	7.8	8	10	0.5	48	0.24	0.19	0.01	1.15
02-27-76	12	6.4	10	20	1.5	75	2.88	1.44	0.22	10.8
03-18-76	4	5.4	6	12	1.6	135	0.58	0.29	0.08	6.48
04-26-76	12	5.9	6	6	1.1	83	0.86	0.86	0.16	12.0
05-20-76	6	5.9	10	16	1.0	75	1.15	0.72	0.07	5.40
06-17-76	4	5.4	32	14	2.8	210	0.67	1.54	0.13	10.1
06-23-76	6	2.8	430	0	8.1	1013	0	31.0	0.58	73
07-19-76	6	5.6	20	18	2.1	78	1.30	1.44	0.15	5.62
08-23-76	6	6.4	20	40	36.5	288	2.88	1.44	2.63	20.7
09-20-76	17	6.7	2	40	7.0	55	8.16	0.41	1.43	11.2
MIN.	2	2.8	2	0	0.5	55	0	0.19	0.01	1.15
MAX.	17	7.8	430	40	36.5	1013	8.16	31.0	2.63	73
AVG.	7.5	5.8					1.87	3.93	0.55	15.6

PINEY CREEK WATERSHED WEIR NUMBER PY-358 Above deep mine on unnamed tributary to Brush Run east of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	12	8.0	2	8	1.1	40	1.15	0.29	0.16	5.76
02-27-76	6	7.6	8	10	5.0	70	0.72	0.58	0.36	5.04
03-18-76	2	7.1	2	12	1.4	75	0.29	0.05	0.03	1.80
04-26-76	6	6.3	2	18	1.8	75	1.30	0.14	0.13	5.40
05-20-76	4	6.0	10	14	1.4	83	0.67	0.48	0.07	3.98
06-17-76	2	5.9	26	14	4.5	238	0.34	0.62	0.11	5.71
07-19-76	2	6.0	16	14	2.3	88	0.34	0.38	0.06	2.11
08-23-76	2	6.6	16	26	17.8	75	0.62	0.38	0.43	1.80
09-20-76	9	6.6	2	24	7.6	90	2.60	0.22	0.82	9.72
MIN.	2	5.9	2	8	1.1	40	0.29	0.05	0.03	1.80
MAX.	12	8.0	26	26	17.8	238	2.60	0.62	0.82	9.72
AVG.	5	6.7					0.89	0.35	0.24	67

PINEY CREEK WATERSHED WEIR NUMBER PY-359 Strip mine on unnamed tributary to Brush Run east of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	6	3.3	120	0	4.0	350	0	8.64	0.30	25.2
11-20-75	1	3.4	152	0	3.5	288	0	1.82	0.04	3.45
12-19-75	1	3.8	152	0	4.5	413	0	1.82	0.05	4.96
01-19-76			NO SAMPLE AVAILABLE - FROZEN							
02-26-76	2	3.8	170	0	2.4	230	0	4.08	0.06	5.52
03-18-76	2	3.5	190	0	1.4	550	0	4.56	0.03	13.2
04-26-76	4	3.8	124	0	1.5	325	0	5.95	0.07	15.6
05-20-76	4	3.3	148	0	2.6	198	0	7.10	0.12	9.50
06-17-76	1	2.7	200	0	15.8	538	0	2.40	0.19	6.45
07-19-76	1	3.0	172	0	45.0	225	0	2.06	0.54	2.70
08-23-76	1	3.0	202	0	32.5	538	0	2.42	0.39	6.46
09-20-76	2	3.6	52	0	2.9	150	0	1.25	0.07	3.60
MIN.	1	2.7	52	0	1.4	150	0	1.25	0.03	2.70
MAX.	6	3.8	202	0	45.0	550	0	8.64	0.54	15.6
AVG.	2.3	3.4					0	3.83	0.17	8.79

PINEY CREEK WATERSHED WEIR NUMBER PY-360 Deep mine on unnamed tributary to Brush Run northeast of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	12	4.4	156	6	42.5	675	0.86	22.5	6.12	97
02-26-76	6	3.7	166	0	45.0	410	0	12.0	3.24	29.5
03-18-76	4	4.5	144	4	40.5	600	0.19	6.91	1.94	28.8
04-27-76	9	5.1	126	12	45.0	600	1.30	13.6	4.86	65
05-20-76	6	3.9	196	0	60.0	825	0	14.1	4.32	59
06-17-76	4	3.2	286	0	60.5	575	0	13.7	2.90	27.6
07-19-76	4	3.4	144	0	42.5	838	0	6.91	2.04	40.2
08-23-76	4	3.1	212	0	32.8	800	0	10.2	1.57	38.4
09-20-76	4	3.3	78	0	26.3	550	0	3.74	1.26	26.4
MIN.	4	3.1	78	0	26.3	410	0	3.74	1.26	26.4
MAX.	12	5.1	286	12	60.5	838	0.86	22.5	6.12	97
AVG.	5.9	3.8					0.12	11.6	3.14	46

PINEY CREEK WATERSHED WEIR NUMBER PY-361 Deep mine on unnamed tributary to Brush Run northeast of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	22	3.4	80	0	11.1	275	0	21.1	2.93	73
11-18-75	12	3.3	128	0	11.0	575	0	18.4	1.58	83
12-19-75	6	3.6	92	0	18.7	400	0	6.62	1.35	29.8
01-16-76	6	4.8	72	10	9.2	270	0.72	5.18	0.66	19.4
02-26-76	12	3.9	96	0	20.0	310	0	13.8	2.88	44.6
03-19-76	12	4.0	72	0	9.2	255	0	10.4	1.32	36.7
04-27-76	34	4.3	94	4	15.5	255	1.63	38.4	6.32	104
05-20-76	17	3.1	126	0	25.0	663	0	25.7	5.10	135
06-17-76	17	3.0	200	0	22.0	500	0	40.8	4.49	102
07-19-76	22	3.3	144	0	8.4	525	0	38.0	2.22	139
08-23-76	12	3.1	184	0	30.3	800	0	26.5	4.36	115
09-20-76	22	3.9	34	0	9.3	325	0	8.98	2.45	86
MIN.	6	3.0	34	0	8.4	255	0	5.18	0.66	19.4
MAX.	34	4.8	200	10	30.3	800	1.63	40.8	6.32	139
AVG.	16	3.6					0.20	21.2	2.97	81

PINEY CREEK WATERSHED WEIR NUMBER PY-362 Deep mine stripped on unnamed tributary to Brush Run northeast of Stone House.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	34	3.1	180	0	4.9	500	0	73	2.00	204
11-18-75	22	3.1	240	0	3.5	800	0	63	0.92	211
12-19-75	6	3.3	270	0	4.3	863	0	19.4	0.31	62
01-16-76	6	3.5	258	0	9.5	750	0	18.6	0.68	54
02-26-76	70	3.5	298	0	5.5	975	0	250	4.62	819
03-19-76	34	3.6	220	0	3.9	700	0	90	1.59	286
04-27-76	22	3.2	260	0	4.1	738	0	69	1.08	195
05-20-76	12	3.0	260	0	4.4	863	0	37.4	0.63	124
06-17-76	17	2.6	166	0	7.0	1150	0	33.9	1.43	235
07-19-76	17	3.1	248	0	6.0	875	0	51	1.22	179
08-23-76	12	3.0	348	0	6.0	1025	0	50	0.86	148
09-20-76	22	3.1	160	0	6.7	638	0	42.2	1.77	168
MIN.	6	2.6	160	0	3.5	500	0	18.6	0.31	54
MAX.	70	3.6	348	0	9.5	1150	0	250	4.62	819
AVG.	23	3.2					0	66	1.43	224

PINEY CREEK WATERSHED WEIR NUMBER PY-366 Strip mine on unnamed tributary to Brush Run north of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-75			NO SAMPLE AVAILABLE - STRIPPED OUT							
11-20-75			NO SAMPLE AVAILABLE - DRY				0	0	0	0
12-22-75			NO SAMPLE AVAILABLE - DRY				0	0	0	0
01-19-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
02-26-76	6	3.4	296	0	50.3	1000	0	21.3	3.62	72
03-23-76	2	3.7	96	0	1.8	325	0	2.30	0.04	7.80
04-27-76	1	3.4	190	0	1.0	500	0	2.28	0.01	6.00
05-20-76	1	3.3	178	0	1.1	400	0	2.14	0.01	4.80
06-19-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
07-15-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
08-16-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
09-20-76			NO SAMPLE AVAILABLE - DRY				0	0	0	0
MIN.	0	3.3	96	0	1.0	325	0	0	0	0
MAX.	6	3.7	296	0	50.3	1000	0	21.3	3.62	72
AVG.	0.91	3.4					0	2.55	0.33	8.24

PINEY CREEK WATERSHED WEIR NUMBER PY-367 Spring on unnamed tributary to Brush Run northeast of Stone House.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	12	3.2	150	0	11.5	450	0	21.6	1.66	65
11-18-75	12	3.0	152	0	12.0	750	0	21.9	1.73	108
12-19-75	2	3.4	148	0	20.0	575	0	3.55	0.48	13.8
01-16-76	4	3.2	176	0	22.0	750	0	8.45	1.06	36.0
02-26-76	50	3.6	210	0	27.0	850	0	126	16.2	510
03-19-76	22	3.8	146	0	7.4	400	0	38.5	1.95	106
04-27-76	22	3.5	162	0	7.9	600	0	42.8	2.09	158
05-20-76	12	3.3	118	0	9.7	393	0	17.0	1.40	57
06-17-76	6	2.7	236	0	23.5	475	0	17.0	1.69	34.2
07-19-76	6	3.2	82	0	15.0	438	0	5.90	1.08	31.5
08-23-76	12	3.1	210	0	15.8	925	0	30.2	2.28	133
09-20-76	6	3.3	198	0	62.5	725	0	14.3	4.50	52
MIN.	2	2.7	82	0	7.4	393	0	3.55	1.06	13.8
MAX.	50	3.8	236	0	62.5	925	0	126	16.2	510
AVG.	14	3.3					0	28.9	3.01	9.06

PINEY CREEK WATERSHED WEIR NUMBER PY-368 Spring on unnamed tributary to Brush Run northeast of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	6	3.3	90	0	14.6	375	0	6.48	1.05	27.0
11-18-75	6	3.4	124	0	11.0	550	0	8.93	0.79	39.6
12-19-75	4	3.5	104	0	29.0	463	0	4.99	1.39	22.2
01-16-76	6	3.8	104	0	13.4	400	0	7.49	0.96	2.88
02-26-76	6	4.3	80	4	21.2	275	0.29	5.76	1.53	19.8
03-19-76	4	4.0	60	0	10.4	288	0	2.88	0.50	13.8
04-27-76	17	4.1	94	2	16.5	308	0.41	19.2	3.37	63
05-20-76	12	3.5	66	0	17.5	315	0	9.50	2.52	45.4
06-17-76	12	3.2	130	0	18.5	385	0	18.7	2.66	55.4
07-19-76	6	3.5	104	0	22.0	613	0	7.49	1.58	44.1
08-23-76	6	3.4	126	0	17.8	400	0	9.07	1.28	28.8
09-20-76	4	3.4	154	0	19.3	550	0	7.39	0.93	26.4
MIN.	4	3.2	60	0	10.4	275	0	2.88	0.50	13.8
MAX.	17	4.3	154	4	29.0	613	0.41	19.2	3.37	63
AVG.	7.4	3.6					0.06	8.99	1.55	32.4

PINEY CREEK WATERSHED WEIR NUMBER PY-369 Strip mine on unnamed tributary to Brush Run south of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	12	3.3	160	0	0.3	675	0	23.0	0.04	97
11-18-75	12	3.7	204	0	0.4	900	0	29.4	0.06	130
12-19-75	12	4.0	148	0	0.3	713	0	21.3	0.04	103
01-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
02-19-76	22	3.9	186	0	0.6	1600	0	49.1	0.16	422
03-18-76	12	3.7	248	0	0.3	1150	0	35.7	0.04	166
04-28-76	12	3.6	222	0	0.3	1250	0	32.0	0.04	180
05-25-76	6	4.1	314	0	3.2	988	0	22.6	0.23	71
06-23-76	4	3.4	284	0	0.4	838	0	13.6	0.02	40.2
07-20-76	9	3.8	262	0	0.3	1350	0	28.7	0.03	146
08-26-76	4	3.6	346	0	0.6	1050	0	16.6	0.03	50
09-23-76	9	3.6	410	0	0.8	1350	0	44.3	0.08	146
MIN.	0	3.3	148	0	0.3	675	0	0	0	0
MAX.	22	4.1	410	0	3.2	1600	0	316	0.77	141
AVG.	9.5	3.7					0	26.4	0.06	12.8

PINEY CREEK WATERSHED WEIR NUMBER PY-370 Strip mine on unnamed tributary to Brush Run south of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	1	3.4	740	0	1.5	1400	0	8.88	0.02	16.8
11-19-75	1	3.4	816	0	2.0	2500	0	9.79	0.02	30.0
12-19-75	1	3.7	1052	0	5.2	4050	0	12.6	0.06	48.6
01-19-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-19-76	1	3.7	460	0	1.2	1300	0	5.52	0.01	15.6
03-19-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
04-28-76	1	3.4	1058	0	1.7	2050	0	12.7	0.02	24.6
05-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-20-76	1	3.4	1180	0	4.3	3250	0	14.2	0.05	39.0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.4	460	0	1.2	1300	0	0	0	0
MAX.	1	3.7	1180	0	5.2	4050	0	14.2	0.06	48.6
AVG.	0.6	3.5					0	6.40	0.02	17.5

PINEY CREEK WATERSHED WEIR NUMBER PY-371 Strip mine to unnamed tributary to Brush Run east of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-31-75	4	4.2	48	6	0.3	88	0.29	2.30	0.01	4.22
01-20-76	2	3.7	78	0	0.2	145	0	1.87	0.001	3.48
02-26-76	1	3.8	108	0	0.1	225	0	1.30	0.001	2.70
03-19-76	1	4.0	70	0	0.03	140	0	0.84	0.0004	1.68
04-27-76	2	4.1	72	2	0.1	148	0.05	1.73	0.002	3.55
05-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.7	48	0	0.03	88	0	0	0	0
MAX.	4	4.2	108	6	0.3	225	0.29	2.30	0.01	4.22
AVG.	1	4.0					0.03	0.80	0.003	1.56

PINEY CREEK WATERSHED WEIR NUMBER PY- 372 Strip mine discharge to Brush Run west of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-20-76	6	3.8	200	0	1.5	937	0	14.4	0.11	67
03-17-76	6	3.8	110	0	1.6	1800	0	7.92	0.12	130
04-28-76	2	3.3	256	0	2.8	1638	0	6.14	0.07	39.3
05-25-76	1	3.6	232	0	2.5	1500	0	2.78	0.03	18.0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.3	110	0	1.5	937	0	0	0	0
MAX.	6	3.8	256	0	2.8	1800	0	14.4	0.12	130
AVG.	1.9	3.6					0	3.91	0.04	31.8

PINEY CREEK WATERSHED WEIR NUMBER PY-373 Strip mine discharge to Brush Run west of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	9	3.2	40	0	10.8	1620	0	4.32	1.17	175
11-26-75	6	3.3	280	0	18.7	1975	0	20.2	1.35	142
12-19-75	2	3.7	182	0	21.0	1625	0	4.37	0.50	39.0
01-19-76	1	3.9	236	0	10.6	1550	0	2.83	0.13	18.6
02-20-76	12	4.8	10	4	10.4	1800	0.58	1.44	1.50	259
03-17-76	9	4.0	136	0	10.4	1413	0	14.7	1.12	153
04-28-76	12	3.3	174	0	8.9	1638	0	25.1	1.28	236
05-25-76	6	3.8	183	0	17.5	1663	0	13.5	1.26	120
06-23-76	2	2.9	310	0	7.4	1525	0	7.44	0.18	36.6
07-22-76	9	3.4	126	0	20.5	1475	0	13.6	2.21	159
08-24-76	4	3.3	266	0	7.2	1850	0	12.8	0.35	89
09-22-76	4	3.4	316	0	19.5	1850	0	15.2	0.94	89
MIN.	1	2.9	10	0	7.2	1413	0	1.44	0.13	18.6
MAX.	12	4.8	316	4	21.0	1975	0.58	25.1	2.21	259
AVG.	6.3	3.6					0.05	11.3	0.99	126

PINEY CREEK WATERSHED WEIR NUMBER PY-374 Strip mine discharge to Brush Run west of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	6	3.4	112	0	6.4	1175	0	8.06	0.46	85
11-26-75	12	3.4	280	0	7.1	1850	0	40.3	1.02	266
12-19-75	34	3.6	214	0	7.8	1450	0	87	3.18	592
01-19-76	6	3.8	272	0	5.2	1550	0	19.6	0.37	112
02-20-76	82	3.2	376	0	6.3	1125	0	370	6.20	1107
03-17-76	50	3.8	180	0	4.2	1413	0	180	2.52	848
04-28-76	22	3.5	230	0	6.5	2000	0	61	1.72	528
05-25-76	22	3.9	270	0	6.4	1475	0	71	1.69	389
06-23-76	12	3.1	438	0	9.0	1845	0	63	1.30	266
07-22-76	17	2.9	250	0	22.5	1500	0	51	4.59	306
08-24-76	28	3.0	416	0	18.2	1225	0	140	6.12	412
09-22-76	17	3.4	358	0	18.3	1850	0	73	3.73	377
MIN.	6	2.9	112	0	4.2	1125	0	8.06	0.37	85
MAX.	82	3.9	438	0	22.5	2000	0	370	6.20	1107
AVG.	26	3.4					0	91	2.74	441

PINEY CREEK WATERSHED WEIR NUMBER PY-375 Deep mine stripped on unnamed tributary to Brush Run northeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	28	3.3	100	0	3.6	230	0	33.6	1.21	77
11-21-75	22	3.4	160	0	7.9	575	0	42.2	2.09	152
12-19-75	12	3.5	124	0	6.2	350	0	17.9	0.89	50
01-19-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-26-76	34	4.0	200	0	3.4	350	0	82	1.39	143
03-24-76	28	3.5	170	0	4.0	350	0	57	1.34	118
04-28-76	22	3.2	170	0	6.9	863	0	44.9	1.82	228
05-25-76	12	3.7	242	0	11.1	738	0	34.8	1.60	106
06-23-76	12	2.8	350	0	7.7	563	0	50	1.11	81
07-26-76	22	3.2	186	0	6.7	638	0	49.1	1.77	168
08-25-76	17	3.2	358	0	6.1	550	0	73	1.24	112
09-23-76	9	3.2	258	0	10.4	600	0	27.9	1.12	65
MIN.	9	2.8	100	0	3.4	230	0	17.9	0.89	50
MAX.	34	4.0	358	0	11.1	863	0	82	2.09	228
AVG.	20	3.4					0	42	1.42	118

PINEY CREEK WATERSHED WEIR NUMBER PY-376 Strip mine on unnamed tributary to Brush Run east of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	6	3.1	180	0	4.1	350	0	13.0	0.30	25.2
11-21-75	6	3.4	152	0	4.7	475	0	10.9	0.34	34.2
12-19-75	1	3.3	128	0	6.7	350	0	1.54	0.08	4.20
01-19-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-26-76	17	3.8	164	0	3.8	250	0	33.5	0.78	51
03-24-76	6	3.5	178	0	4.5	330	0	12.8	0.32	23.8
04-28-76	12	3.1	144	0	5.8	600	0	20.7	0.84	86
05-25-76	12	3.5	190	0	5.1	475	0	27.4	0.73	68
06-23-76	12	2.7	218	0	5.7	563	0	31.4	0.82	81
07-23-76	12	3.1	200	0	5.8	600	0	28.8	0.84	86
08-25-76	6	3.1	240	0	5.9	600	0	17.3	0.43	43.2
09-23-76	4	3.0	280	0	8.8	325	0	13.4	0.42	15.6
MIN.	1	2.7	128	0	3.8	250	0	1.54	0.08	4.20
MAX.	17	3.8	280	0	8.8	600	0	33.5	0.84	86
AVG.	8.5	3.2					0	19.2	0.54	47.1

PINEY CREEK WATERSHED WEIR NUMBER PY-377 Deep mine stripped on unnamed tributary to Brush Run east of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	123	3.0	190	0	43.5	525	0	280	64	775
11-21-75	108	3.2	176	0	32.5	675	0	228	42.1	875
12-19-75	123	3.4	200	0	39.0	575	0	295	58	849
01-22-76	50	3.6	188	0	29.5	700	0	113	17.7	420
02-26-76	193	3.5	266	0	42.5	750	0	616	98	1737
03-25-76	94	3.8	200	0	31.7	625	0	226	35.8	705
04-28-76	70	3.0	150	0	28.5	863	0	126	23.9	725
05-25-76	70	3.6	214	0	29.7	600	0	180	24.9	504
06-23-76	22	2.8	248	0	45.0	525	0	65	11.9	139
07-23-76	50	3.2	216	0	45.0	575	0	130	27.0	345
08-25-76	50	3.2	242	0	40.5	675	0	145	24.3	405
09-23-76	28	3.0	280	0	40.0	500	0	94	13.4	168
MIN.	22	2.8	150	0	28.5	500	0	65	11.9	139
MAX.	193	3.8	280	0	45.0	863	0	616	98	1737
AVG.	82	3.3					0	208	36.8	637

PINEY CREEK WATERSHED WEIR NUMBER PY-378 Seepage discharge on unnamed tributary to Brush Run east of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	4	3.6	90	0	0.7	230	0	4.32	0.03	11.0
11-21-75	1	3.6	80	0	5.4	525	0	0.96	0.06	6.30
12-19-75	1	3.8	70	0	0.5	238	0	0.84	0.006	2.86
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-26-76	2	3.9	106	0	0.5	275	0	2.56	0.01	6.60
03-25-76	2	3.9	104	0	0.3	350	0	2.50	0.007	8.40
04-28-76	2	3.6	86	0	0.7	333	0	2.06	0.02	7.99
05-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.6	70	0	0.3	230	0	0	0	0
MAX.	4	3.9	106	0	5.4	525	0	4.32	0.06	11.0
AVG.	1.1	3.7					0	1.20	0.01	3.93

PINEY CREEK WATERSHED WEIR NUMBER PY-379 Strip mine on unnamed tributary to Brush Run east of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	2	3.7	110	0	1.1	350	0	2.64	0.03	8.40
11-21-75	1	3.8	120	0	1.3	550	0	1.44	0.02	6.60
12-19-75	1	3.2	254	0	64.0	388	0	3.05	0.77	4.66
01-19-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-26-76	6	3.4	280	0	53.2	750	0	20.2	3.83	54
03-25-76	6	3.5	234	0	13.8	750	0	16.8	0.99	54
04-28-76	12	3.0	178	0	17.5	800	0	25.6	2.52	115
05-25-76	6	3.4	262	0	18.0	738	0	19.2	1.30	53
06-23-76	2	2.6	322	0	22.5	650	0	7.73	0.54	15.6
07-26-76	6	3.0	246	0	14.8	800	0	17.7	1.07	58
08-25-76	4	3.1	300	0	16.5	725	0	14.4	0.79	34.8
09-23-77	2	3.0	360	0	22.0	550	0	8.64	0.53	13.2
MIN.	1	2.6	110	0	1.1	350	0	1.44	0.02	4.66
MAX.	12	3.8	360	0	64.0	800	0	25.6	3.83	115
AVG.	4.4	3.2					0	12.5	1.13	37.9

PINEY CREEK WATERSHED WEIR NUMBER PY-380 Strip mine on unnamed tributary to Brush Run east of Strattanville.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-23-75	6	2.9	260	0	51.5	350	0	18.7	3.71	25.2	
11-21-75	6	3.0	228	0	50.0	700	0	16.4	3.60	50	
12-19-75	1	3.4	232	0	31.0	325	0	2.78	0.37	3.90	
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-26-76	6	3.7	334	0	6.1	740	0	24.0	0.44	53	
03-25-76	2	3.6	276	0	5.5	750	0	6.62	0.13	18.0	
04-23-76	2	3.2	188	0	5.4	775	0	4.51	0.13	18.6	
05-25-76	4	3.4	260	0	7.3	700	0	12.5	0.35	33.6	
06-23-76	2	2.7	320	0	6.2	788	0	7.68	0.15	18.9	
07-26-76	2	3.1	208	0	6.3	738	0	4.99	0.15	17.7	
08-25-76	1	3.2	318	0	6.0	850	0	3.82	0.07	10.2	
09-23-76	1	3.1	344	0	15.0	600	0	4.13	0.18	7.20	
MIN.	1	2.7	188	0	5.4	325	0	2.78	0.07	3.90	
MAX.	6	3.7	344	0	51.5	850	0	24.0	3.71	53	
AVG.	3	3.2					0	9.64	0.84	23.3	

PINEY CREEK WATERSHED WEIR NUMBER PY-381 Strip mine on unnamed tributary to Brush Run east of Strattanville.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-23-75	6	3.1	270	0	6.9	800	0	19.4	0.50	58	
11-21-75	6	3.3	192	0	10.0	800	0	13.8	0.72	58	
12-19-75	2	3.9	120	0	1.0	413	0	2.88	0.02	9.91	
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-26-76	4	4.0	126	0	0.5	225	0	6.05	0.02	10.8	
03-25-76	4	4.0	130	0	0.6	500	0	6.24	0.03	24.0	
04-28-76	4	3.8	110	0	0.6	410	0	5.28	0.03	19.7	
05-25-76	2	4.2	140	0	1.7	288	0	3.36	0.04	6.91	
06-23-76	1	3.5	166	0	2.2	475	0	1.99	0.03	5.70	
07-26-76	1	3.9	62	0	2.5	308	0	0.74	0.03	3.70	
08-25-76	1	3.7	134	0	2.9	550	0	1.61	0.04	6.60	
09-23-76	1	3.8	246	0	2.2	500	0	2.95	0.03	6.00	
MIN.	1	3.1	62	0	0.5	225	0	0.74	0.02	3.70	
MAX.	6	4.2	270	0	10.0	800	0	19.4	0.72	58	
AVG.	2.9	3.7					0	5.82	0.14	19	

PINEY CREEK WATERSHED WEIR NUMBER PY-382 Strip mine on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
11-10-75	1	3.0	184	0	15.0	550	0	2.21	0.18	6.60	
11-21-75	1	3.3	80	0	6.3	525	0	0.96	0.08	6.30	
12-17-75	2	4.1	100	16	9.6	365	0.38	2.40	0.23	8.76	
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-26-76	2	4.0	70	0	2.6	200	0	1.68	0.06	4.80	
03-18-76	NO SAMPLE AVAILABLE - FROZEN										
04-28-76	NO SAMPLE AVAILABLE - DRY										
05-25-76	NO SAMPLE AVAILABLE - DRY										
06-20-76	NO SAMPLE AVAILABLE - DRY										
07-14-76	NO SAMPLE AVAILABLE - DRY										
08-16-76	NO SAMPLE AVAILABLE - DRY										
09-17-76	NO SAMPLE AVAILABLE - DRY										
MIN.	0	3.0	70	0	2.6	200	0	0	0	0	
MAX.	2	4.1	184	16	15.0	550	0.38	2.40	0.23	8.76	
AVG.	0.6	3.6					0.04	0.73	0.06	2.65	

PINEY CREEK WATERSHED WEIR NUMBER PY-383 Strip mine on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-10-75	1	3.0	200	0	22.5	825	0	2.40	0.27	9.90
11-21-75	1	3.5	120	0	2.8	575	0	1.44	0.03	6.90
12-17-75	1	3.6	176	0	4.1	575	0	2.11	0.05	6.90
01-20-76	1	3.5	228	0	18.2	800	0	2.74	0.22	9.60
02-26-76	1	3.2	298	0	23	1000	0	3.58	0.28	12.0
03-18-76	1	3.4	276	0	23.5	863	0	3.31	0.28	10.4
04-21-76	1	3.2	238	0	20.0	1500	0	2.86	0.24	18.0
05-26-76	1	3.0	376	0	8.1	863	0	4.51	0.10	10.4
06-15-76	1	2.8	360	0	20.5	963	0	4.32	0.25	11.6
07-16-76	2	3.1	214	0	45.0	875	0	5.14	1.08	21.0
08-18-76	2	3.0	174	0	30.0	813	0	4.18	0.72	19.5
09-16-76	1	3.0	190	0	30.5	425	0	2.28	0.37	5.10
MIN.	1	2.8	120	0	2.8	425	0	1.44	0.03	5.10
MAX.	2	3.6	376	0	45.0	1000	0	5.14	1.08	21.0
AVG.	1.2	3.2					0	3.24	0.32	11.8

PINEY CREEK WATERSHED WEIR NUMBER PY-384 Deep mine stripped on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	50	3.5	80	0	1.3	580	0	48.0	0.80	348
11-21-75	123	3.6	128	0	1.4	900	0	189	2.07	1328
12-17-75	70	3.8	84	0	1.1	730	0	71	0.92	613
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	70	3.7	218	0	0.9	900	0	183	0.76	756
03-16-76	94	3.9	160	0	1.0	750	0	180	1.13	846
04-21-76	50	3.5	200	0	1.7	1025	0	120	1.02	615
05-19-76	34	3.6	290	0	2.0	2063	0	118	0.82	842
06-19-76	12	2.8	430	0	4.1	1275	0	62	0.59	184
07-16-76	12	3.4	210	0	3.1	1050	0	30.2	0.45	151
08-18-76	34	3.5	204	0	2.6	1088	0	83	1.06	444
09-16-76	12	3.4	272	0	3.0	1138	0	39.2	0.43	164
MIN.	12	2.8	80	0	0.9	580	0	30.2	0.43	151
MAX.	123	3.9	430	0	4.1	2063	0	189	2.07	1328
AVG.	51	3.5					0	102	0.92	572

PINEY CREEK WATERSHED WEIR NUMBER PY-385 Strip mine on unnamed tributary to Brush Run northwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	2	4.5	24	8	0.2	276	0.20	0.58	0.005	6.62
11-19-75	1	6.4	8	16	0.3	400	0.19	0.10	0.004	4.80
12-17-75	1	6.0	8	24	0.3	215	0.29	0.10	0.004	2.58
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	6	3.6	266	0	0.2	890	0	19.2	0.01	64
03-16-76	2	3.9	110	0	0.03	373	0	2.64	0.0007	8.95
04-21-76	1	4.5	110	0	0.1	640	0	1.32	0.001	7.68
05-19-76	1	4.9	88	18	0.2	380	0.22	1.06	0.002	4.56
06-15-76	NO SAMPLE AVAILABLE - LOST									
07-16-76	1	6.5	32	82	1.9	525	0.98	0.38	0.02	6.30
08-18-76	2	4.5	138	0	0.4	1000	0	3.31	0.01	24.0
09-16-76	1	6.2	60	44	0.6	638	0.53	0.72	0.007	7.66
MIN.	1	3.6	8	0	0.03	215	0	0.10	0.0007	2.58
MAX.	6	6.5	266	44	1.9	1000	0.98	19.2	0.02	64
AVG.	1.8	5.1					0.24	2.94	0.006	13.7

PINEY CREEK WATERSHED WEIR NUMBER PY-386 Deep mine on unnamed tributary to Brush Run northwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	12	3.3	208	0	1.4	580	0	30.0	0.20	84
11-19-75	2	4.3	124	4	0.3	525	0.10	3.02	0.007	12.6
12-17-75	4	4.5	148	12	0.5	1020	0.58	7.10	0.024	49.0
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	28	3.3	438	0	4.6	1225	0	147	1.55	412
03-16-76	12	3.4	340	0	2.0	825	0	49.0	0.29	119
04-21-76	4	3.4	254	0	2.2	987	0	12.2	0.11	47.4
05-19-76	2	3.7	316	0	1.8	600	0	7.58	0.04	14.4
06-15-76	1	3.8	218	0	2.7	700	0	2.62	0.03	8.40
07-16-76	4	3.1	648	0	2.5	1050	0	31.1	0.12	50
08-18-76	12	3.2	406	0	2.1	1550	0	58	0.30	223
09-16-76	2	6.4	116	14	1.3	375	0.34	2.78	0.03	9.00
MIN.	1	3.1	116	0	0.3	375	0	2.62	0.007	8.40
MAX.	28	6.4	648	14	4.6	1550	0.58	147	1.55	412
AVG.	7.5	3.9					0.09	31.8	0.25	94

PINEY CREEK WATERSHED WEIR NUMBER PY-387 Strip mine on unnamed tributary to Brush Run northwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	9	3.2	184	0	6.6	490	0	19.9	0.71	53
11-19-75	2	3.1	264	0	8.4	800	0	6.34	0.20	19.2
12-17-75	4	3.5	184	0	5.3	550	0	8.83	0.25	26.4
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	12	3.4	294	0	7.7	850	0	42.3	1.11	122
03-19-76	12	3.5	304	0	10.0	750	0	43.8	1.44	108
04-27-76	12	3.4	244	0	7.7	128	0	35.1	1.11	18.4
05-19-76	6	3.1	370	0	8.9	775	0	26.6	0.64	56
06-16-76	4	2.7	532	0	9.0	1225	0	25.5	0.43	59
07-16-76	6	3.0	408	0	7.3	875	0	29.4	0.53	63
08-18-76	6	3.2	246	0	7.9	725	0	17.7	0.57	52
09-16-76	2	4.0	326	0	5.3	900	0	7.82	0.13	22
MIN.	2	2.7	184	0	5.3	128	0	6.34	0.13	18.4
MAX.	12	4.0	532	0	10.0	1225	0	43.8	1.44	122
AVG.	6.8	3.3					0	23.9	0.65	54

PINEY CREEK WATERSHED WEIR NUMBER PY-388 Strip mine on unnamed tributary to Brush Run northwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	9	3.7	72	0	1.1	195	0	7.78	0.12	21.1
11-19-75	2	4.0	92	0	2.0	400	0	2.21	0.05	9.60
12-17-75	2	3.6	124	0	3.3	510	0	2.98	0.08	12.2
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	28	3.6	332	0	4.7	850	0	112	1.58	286
03-19-76	2	3.5	316	0	3.8	750	0	7.58	0.09	18.0
04-27-76	9	4.0	164	0	2.4	500	0	17.7	0.26	54
05-19-76	6	3.9	190	0	2.2	295	0	13.7	0.16	21.2
06-16-76	2	3.7	102	0	3.0	180	0	2.45	0.07	4.32
07-16-76	4	4.0	56	0	1.3	220	0	2.69	0.06	10.6
08-18-76	9	3.6	154	0	2.3	1225	0	16.6	0.25	132
09-16-76	4	3.5	170	0	2.2	450	0	8.16	0.11	21.6
MIN.	2	3.5	56	0	1.1	180	0	2.21	0.05	4.32
MAX.	28	4.0	332	0	4.7	1225	0	112	1.58	286
AVG.	7	3.7					0	17.6	0.26	54

PINEY CREEK WATERSHED WEIR NUMBER PY-389 Strip mine on unnamed tributary to Brush Run west of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-25-76	6	3.8	60	0	0.2	730	0	4.32	0.01	53
02-26-76	34	4.2	156	2	1.4	975	0.82	64	0.57	398
03-23-76	2	4.1	78	2	0.3	900	0.05	1.87	0.007	21.6
04-26-76	4	4.0	120	0	0.3	963	0	5.76	0.01	46.2
05-25-76	2	3.9	216	0	0.7	1088	0	5.18	0.02	26.1
06-22-76	2	3.7	224	0	0.5	1188	0	5.37	0.01	28.5
07-23-76	2	4.4	120	10	0.4	775	0.24	2.88	0.01	18.6
08-25-76	2	3.9	166	0	0.3	1000	0	3.98	0.007	24.0
09-22-76	1	4.2	164	0	0.5	1000	0	1.97	0.006	12.0
MIN.	1	3.7	60	0	0.2	730	0	1.87	0.007	12.0
MAX.	34	4.4	224	10	1.4	1188	0.82	64	0.57	398
AVG.	6.1	4.0					0.12	10.6	0.07	70

PINEY CREEK WATERSHED WEIR NUMBER PY-390 Strip mine on unnamed tributary to Brush Run northwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	4	3.2	160	0	4.0	1140	0	7.68	0.20	55
11-19-75	1	3.4	184	0	2.7	1300	0	2.21	0.03	15.6
12-17-75	2	3.6	176	0	3.7	1250	0	4.22	0.09	30.0
01-20-76	1	3.6	184	0	76.2	1400	0	2.21	0.91	16.8
02-26-76	9	3.8	348	0	3.7	1000	0	37.6	0.40	108
03-19-76	2	3.6	360	0	3.2	1100	0	8.64	0.08	26.4
04-21-76	4	3.5	284	0	1.5	1662	0	13.6	0.07	80
05-26-76	4	3.5	500	0	3.1	1413	0	24.0	0.15	68
06-16-76	1	3.5	520	0	1.0	1413	0	6.24	0.01	17.0
07-16-76	1	3.7	136	0	0.7	1400	0	1.63	0.008	16.8
08-25-76	2	3.4	354	0	2.4	1350	0	8.50	0.06	32.4
09-16-76	2	3.7	228	0	1.1	1225	0	5.47	0.03	29.4
MIN.	1	3.2	136	0	0.7	1000	0	1.63	0.008	15.6
MAX.	9	3.8	520	0	76.2	1662	0	37.6	0.91	108
AVG.	2.8	3.5					0	10.2	0.17	41.3

PINEY CREEK WATERSHED WEIR NUMBER PY-391 Strip mine on unnamed tributary to Brush Run north of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-21-75	50	3.2	152	0	25.0	1050	0	91	15.0	630
12-19-75	82	3.6	204	0	35.0	925	0	201	34.4	910
01-20-76	22	4.0	158	0	38.2	725	0	41.7	10.1	191
02-26-76	70	4.0	212	0	10.6	750	0	178	8.91	630
03-23-76	NO SAMPLE AVAILABLE - LOST									
04-28-76	50	3.4	144	0	26.0	1150	0	86	15.6	690
05-26-76	28	3.2	248	0	27.7	775	0	83	9.31	260
06-23-76	22	3.1	228	0	36.0	948	0	60	9.50	250
07-26-76	42	3.2	152	0	41.0	1125	0	77	20.7	567
08-25-76	22	3.2	262	0	39.3	1000	0	69	10.4	264
09-23-76	22	3.1	286	0	29.0	1088	0	76	7.66	287
MIN.	22	3.1	144	0	10.6	725	0	41.7	7.66	191
MAX.	82	4.0	286	0	41.0	1150	0	201	34.4	910
AVG.	41	3.4					0	96.3	14.2	468

PINEY CREEK WATERSHED WEIR NUMBER PY-392 Strip mine on unnamed tributary to Brush Run north of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	12	3.4	112	0	2.7	1500	0	16.1	0.40	50.4
11-21-75	70	3.5	128	0	2.8	2225	0	108	2.35	216
12-19-75	4	3.6	200	0	2.0	1675	0	9.60	0.10	1869
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	70	4.3	203	4	8.9	1625	3.36	175	7.48	80
03-25-76	22	4.4	184	6	5.6	1625	1.58	48.6	1.48	1365
04-28-76	34	3.8	72	0	5.8	1460	0	29.4	2.37	429
05-26-76	22	4.7	236	8	7.7	1700	2.11	62	2.03	596
06-23-76	12	4.8	263	22	9.0	2625	3.17	37.9	1.30	449
07-26-76	22	3.9	50	0	17.3	1475	0	13.2	4.57	378
08-25-76	12	3.4	236	0	9.6	1588	0	34.0	1.38	389
09-23-76	12	3.5	378	0	9.4	1800	0	54	1.35	229
MIN.	4	3.4	50	0	2.0	1460	0	9.60	0.10	259
MAX.	70	4.8	378	22	17.3	2625	3.36	175	7.48	80
AVG.	27	3.9					0.93	53.5	2.25	1869

PINEY CREEK WATERSHED WEIR NUMBER PY-393 Strip mine on unnamed tributary to Brush Run north of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	22	3.5	248	0	1.2	1725	0	65	0.32	455
11-19-75	1	3.6	260	0	2.4	2225	0	3.12	0.03	27.1
12-17-75	6	3.8	248	0	1.6	1925	0	17.9	0.12	139
01-20-76	2	3.8	260	0	1.3	1825	0	6.24	0.03	43.8
02-26-76	22	3.9	350	0	0.7	1990	0	92	0.18	525
03-19-76	2	3.7	346	0	1.1	1550	0	8.30	0.03	37.2
04-21-76	6	3.6	300	0	1.6	1962	0	21.6	0.12	141
05-19-76	4	3.5	656	0	2.1	1863	0	31.5	0.10	89
06-16-76	6	2.9	740	0	3.6	1925	0	53	0.26	139
07-16-76	4	3.5	100	0	2.3	2625	0	4.80	0.11	126
08-18-76	9	3.6	242	0	2.8	2800	0	26.1	0.30	302
09-16-76	6	3.4	538	0	3.9	2175	0	38.7	0.28	157
MIN.	1	2.9	100	0	0.7	1550	0	3.12	0.03	27.1
MAX.	22	3.9	740	0	3.9	2800	0	92	0.32	525
AVG.	7.5	3.6					0	30.7	0.16	182

PINEY CREEK WATERSHED WEIR NUMBER PY-394 Deep mine on unnamed tributary to Brush Run east of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
11-10-75	6	3.1	144	0	2.2	300	0	10.4	0.16	21.6
11-18-75	6	3.3	72	0	2.3	475	0	5.18	0.17	34.2
12-19-75	6	3.3	156	0	5.3	550	0	11.2	0.38	39.6
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	12	3.1	220	0	6.7	750	0	31.7	0.96	108
03-18-76	4	3.5	200	0	5.2	800	0	9.60	0.25	38.4
04-27-76	9	3.3	114	0	3.0	350	0	12.3	0.32	37.8
05-20-76	2	3.1	180	0	1.7	500	0	4.32	0.04	12.0
06-17-76	2	3.0	180	0	3.3	225	0	4.32	0.08	5.40
07-19-76	2	3.2	178	0	3.5	388	0	4.32	0.08	9.31
08-23-76	2	3.2	188	0	4.0	500	0	4.51	0.10	12.0
09-20-76	2	3.4	78	0	2.1	425	0	1.87	0.05	10.2
MIN.	2	3.0	72	0	1.7	225	0	1.87	0.01	5.40
MAX.	12	3.5	220	0	6.7	800	0	31.7	0.96	108
AVG.	4.8	3.2					0	9.09	0.24	29.9

PINEY CREEK WATERSHED WEIR NUMBER PY-395 Deep mine on unnamed tributary to Brush Run east of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-21-75	NO SAMPLE AVAILABLE - DRY									
11-20-75	NO SAMPLE AVAILABLE - DRY									
12-23-75	NO SAMPLE AVAILABLE - DRY									
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	2	4.0	64	0	0.1	300	0	1.54	0.002	7.20
03-18-76	NO SAMPLE AVAILABLE - FROZEN									
04-27-76	6	3.7	40	0	0.2	70	0	2.88	0.01	5.04
05-19-76	NO SAMPLE AVAILABLE - DRY									
06-19-76	NO SAMPLE AVAILABLE - DRY									
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-20-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.7	40	0	0.1	70	0	0	0	0
MAX.	6	4.0	64	0	0.2	300	0	2.88	0.01	7.20
AVG.	0.8	3.8					0	0.44	0.001	1.22

PINEY CREEK WATERSHED WEIR NUMBER PY-396 Strip mine on unnamed tributary to Brush Run east of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	50	3.3	140	0	6.1	325	0	84	3.66	195
11-18-75	50	3.7	96	0	1.6	525	0	58	0.96	315
12-19-75	22	3.6	130	0	6.4	350	0	34.3	1.69	92
01-16-76	28	3.7	108	0	2.3	335	0	36.3	0.77	113
02-19-76	284	3.5	112	0	11.2	200	0	38.2	38.2	682
03-18-76	17	3.7	160	0	1.3	875	0	32.6	0.27	179
04-27-76	94	4.0	112	0	0.7	275	0	126	0.79	310
05-20-76	22	3.6	190	0	1.6	775	0	50	0.42	205
06-15-76	6	3.2	152	0	0.8	380	0	10.9	0.06	27.4
07-19-76	12	3.5	122	0	2.4	475	0	17.6	0.35	68
08-23-76	12	3.5	162	0	5.1	600	0	23.3	0.73	86
09-20-76	12	3.1	70	0	2.3	275	0	10.1	0.33	39.6
MIN.	6	3.1	70	0	0.7	200	0	10.1	0.06	27.4
MAX.	284	4.0	190	0	11.2	875	0	38.2	38.2	682
AVG.	51	3.5					0	72	4.02	193

PINEY CREEK WATERSHED WEIR NUMBER PY-397 Seepage on Brush Run to Piney Creek east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-24-76	2	7.7	8	12	29.2	90	0.29	0.19	0.70	2.16
03-18-76	2	5.3	56	14	25.0	250	0.34	1.34	0.60	6.00
04-23-76	2	5.5	6	10	20.0	205	0.24	0.14	0.48	4.92
05-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	5.3	6	10	20.0	90	0	0	0	0
MAX.	2	7.7	56	14	29.2	250	0.34	1.34	0.70	6.00
AVG.	0.75	6.2					0.11	0.21	0.22	1.64

PINEY CREEK WATERSHED WEIR NUMBER PY-398 Seepage on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-75	123	3.4	160	0	5.1	350	0	236	7.53	517
11-21-75	34	3.5	116	0	6.5	1025	0	47.3	2.65	418
12-19-75	123	3.3	246	0	20.0	775	0	363	29.5	1144
01-16-76	34	3.6	200	0	8.2	750	0	82	3.35	306
02-27-76	193	3.7	192	0	20.0	1440	0	445	46.3	3335
03-23-76	123	4.0	184	0	9.9	1150	0	272	14.6	1697
04-30-76	284	3.3	180	0	8.2	737	0	613	27.9	2512
05-26-76	50	3.3	278	0	6.8	1150	0	167	4.08	690
06-23-76	28	2.9	272	0	5.4	1013	0	91	1.81	340
07-26-76	50	3.4	120	0	5.7	825	0	72	3.42	495
08-25-76	22	3.6	216	0	18.5	1225	0	57	4.88	323
09-22-76	22	3.3	316	0	16.8	813	0	83	4.44	215
MIN.	22	2.9	116	0	5.1	350	0	47.3	1.81	215
MAX.	284	4.0	316	0	20.0	1440	0	613	46.3	3335
AVG.	91	3.4					0	211	12.5	999

PINEY CREEK WATERSHED WEIR NUMBER PY-399 Spring on Brush Run to Piney Creek east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-24-76	22	7.8	4	12	0.04	90	3.17	1.06	0.01	23.8
03-18-76	12	6.7	12	10	0.3	88	1.44	1.73	0.04	12.7
04-23-76	12	5.6	4	10	0.1	41	1.44	0.58	0.01	5.90
05-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-17-76	2	5.6	22	8	0.9	140	0.19	0.53	0.02	3.36
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	5.6	4	8	0.04	41	0	0	0	0
MAX.	22	7.8	22	12	0.9	140	3.17	1.73	0.04	23.8
AVG.	6	6.4					0.78	0.49	0.01	5.72

PINEY CREEK WATERSHED WEIR NUMBER PY-400 Spring on unnamed tributary to Little Piney Creek northwest of Limestone.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	34	5.3	18	22	27.5	310	8.98	7.34	11.2	126
11-20-75	34	4.8	12	32	37.0	400	13.1	4.90	15.1	163
12-22-75	28	7.0	12	10	1.1	110	3.36	4.03	0.37	37.0
01-22-76	34	8.1	2	20	0.5	110	8.16	0.82	0.20	44.9
02-26-76	284	7.7	8	2	0.2	150	6.82	27.3	0.68	511
03-23-76	70	6.2	22	16	27.5	250	13.4	18.5	23.1	210
04-30-76	50	5.1	22	14	31.2	250	8.40	13.2	18.7	150
05-26-76	70	6.0	68	22	36.3	300	18.5	57	30.5	252
06-23-76	28	5.1	34	6	43.8	369	2.02	11.4	14.7	124
07-20-76	50	5.6	34	20	37.5	388	12.0	20.4	22.5	233
08-24-76	50	5.3	44	42	33.0	228	25.2	26.4	19.8	137
09-16-76	34	5.8	36	8	36	280	3.26	14.7	14.7	114
MIN.	28	4.8	2	2	0.2	110	2.02	0.82	0.20	37.0
MAX.	284	7.7	68	42	43.8	400	18.5	27.3	30.5	511
AVG.	64	6.0					10.3	17.2	14.3	175

PINEY CREEK WATERSHED WEIR NUMBER PY-403 Strip mine on unnamed tributary to Little Piney Creek south of Mechanicsville.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-20-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-22-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-23-76	4	7.6	8	14	0.3	100	0.67	0.38	0.01	4.80
03-23-76	2	7.8	4	20	0.09	75	0.48	0.10	0.002	1.80
04-22-76	2	5.5	4	18	0.2	100	0.43	0.10	0.005	2.40
05-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	5.5	4	14	0.09	75	0	0	0	0
MAX.	4	7.8	8	20	0.3	100	0.67	0.38	0.01	4.80
AVG.	0.73	7.0					0.14	0.05	0.002	0.82

PINEY CREEK WATERSHED WEIR NUMBER PY-404 Strip mine on unnamed tributary to Little Piney Creek south of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	2	3.2	230	0	4.4	1200	0	5.52	0.11	28.8
11-20-75	1	3.2	388	0	2.6	5025	0	4.66	0.03	60
12-22-75	1	3.9	292	0	4.3	650	0	3.50	0.05	7.80
01-20-76	1	3.6	224	0	1.7	975	0	2.69	0.02	11.7
02-23-76	9	3.4	266	0	5.3	900	0	28.7	0.57	97
03-22-76	2	4.0	94	0	2.6	275	0	2.26	0.06	6.60
04-22-76	17	3.3	292	0	2.8	775	0	60	0.57	158
05-25-76	1	3.0	424	0	2.9	738	0	5.09	0.03	8.86
06-22-76	2	2.8	374	0	5.0	1150	0	8.98	0.12	27.6
07-20-76	1	3.0	508	0	7.3	388	0	6.10	0.09	4.66
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	1	3.2	804	0	6.6	1200	0	9.65	0.08	14.4
MIN.	0	2.8	94	0	1.7	275	0	0	0	0
MAX.	17	4.0	804	0	7.3	5025	0	60	0.57	97
AVG.	3.2	3.3					0	11.4	0.14	35.4

PINEY CREEK WATERSHED WEIR NUMBER PY-405 Strip mine on unnamed tributary to Little Piney Creek south of Mechanicsville.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	2	3.2	330	0	4.1	770	0	7.92	0.10	18.5
11-20-75	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-22-75	1	4.8	64	10	3.6	245	0.12	0.77	0.04	2.94
01-14-76	NO SAMPLE AVAILABLE - FROZEN		-	-	-	-	-	-	-	-
02-23-76	2	3.9	62	0	0.07	180	0	1.49	0.002	4.32
03-22-76	9	3.7	300	0	2.6	700	0	32.4	0.28	76
03-23-76	IRON ONLY				0.05				0.0054	
04-22-76	6	4.5	62	0	0.2	250	0	4.46	0.01	18.0
05-25-76	1	4.1	220	0	0.3	575	0	2.64	0.004	6.90
06-22-76	1	3.9	220	0	0.5	475	0	2.64	0.006	5.70
07-20-76	1	3.8	172	0	1.2	438	0	2.06	0.01	5.26
08-25-76	1	3.9	252	0	1.5	600	0	3.02	0.02	7.20
09-22-76	1	3.2	726	0	6.5	1450	0	8.71	0.08	17.4
MIN.	0	3.2	62	0	0.05	180	0	0	0	0
MAX.	9	4.8	726	10	6.5	1450	0.12	32.4	0.28	76
AVG.	2.3	3.9					0.01	6.00	0.05	14.7

PINEY CREEK WATERSHED WEIR NUMBER PY-406 Strip mine on unnamed tributary to Little Piney Creek south of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	34	3.5	170	0	1.9	335	0	69	0.78	137
11-20-75	22	3.4	104	0	2.0	538	0	27.5	0.53	142
12-22-75	42	3.8	80	0	0.9	230	0	40.3	0.45	116
01-20-76	34	3.9	80	0	2.2	295	0	32.6	0.90	120
02-23-76	397	3.6	134	0	8.4	280	0	638	40.0	1334
03-22-76	34	3.9	116	0	1.8	250	0	47.3	0.73	102
04-22-76	28	3.7	80	0	2.7	638	0	26.8	0.91	214
05-25-76	6	3.3	196	0	2.2	663	0	14.1	0.16	47.7
06-22-76	6	3.0	200	0	2.7	600	0	14.4	0.19	43.2
07-20-76	6	3.3	106	0	3.0	438	0	7.63	0.22	31.5
08-25-76	4	2.8	162	0	4.1	550	0	7.78	0.20	26.4
09-24-76	6	3.7	240	0	4.8	500	0	17.3	0.35	36.0
MIN.	4	2.8	80	0	0.9	230	0	7.63	0.16	26.4
MAX.	397	3.9	240	0	8.4	663	0	638	0.91	1334
AVG.	52	3.5					0	79	3.79	196

PINEY CREEK WATERSHED WEIR NUMBER PY-407 Strip mine on unnamed tributary to Little Piney Creeksoutheast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-31-75	2	5.1	14	8	0.3	100	0.19	0.34	0.007	2.40
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-23-76	2	7.3	4	8	1.1	150	0.19	0.10	0.03	3.60
03-22-76	1	5.2	20	8	0.1	120	0.10	0.24	0.001	1.44
04-22-76	1	5.1	12	18	0.3	115	0.22	0.14	0.004	1.43
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-19-76	NO SAMPLE AVAILABLE - DRY									
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-20-76	1	5.6	26	52	0.3	148	0.62	0.31	0.004	1.78
09-17-76	1	5.4	6	40	7.1	65	0.48	0.07	0.09	0.78
MIN.	0	5.1	4	8	0.1	65	0	0	0	0
MAX.	2	7.3	26	52	7.1	150	0.62	0.34	0.09	3.60
AVG.	0.89	5.6					0.20	0.13	0.02	1.27

PINEY CREEK WATERSHED WEIR NUMBER PY-408 Deep mine on unnamed tributary to Little Piney Creek east of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	12	3.4	230	0	6.9	1100	0	33.1	0.99	158
11-20-75	12	3.3	336	0	4.4	1375	0	48.4	0.63	193
12-18-75	9	3.5	228	0	5.7	1250	0	24.6	0.62	135
01-19-76	22	3.8	256	0	4.2	925	0	68	1.11	244
02-26-76	22	3.6	200	0	3.5	325	0	53	0.92	86
03-19-76	6	3.8	200	0	4.5	888	0	14.4	0.32	64
04-27-76	9	3.5	126	0	4.0	863	0	13.6	0.43	93
05-25-76	9	3.3	422	0	4.2	1150	0	45.6	0.45	124
06-22-76	6	3.1	444	0	3.4	1375	0	32.0	0.24	99
07-21-76	9	3.5	234	0	2.7	1188	0	25.3	0.29	128
08-25-76	6	3.2	298	0	2.8	1588	0	21.5	0.20	114
09-24-76	6	3.6	450	0	4.2	1450	0	32.4	0.30	104
MIN.	6	3.1	126	0	2.7	325	0	13.6	0.20	64
MAX.	22	3.8	450	0	6.9	1588	0	68	1.11	244
AVG.	11	3.5					0	34.3	0.54	129

PINEY CREEK WATERSHED WEIR NUMBER PY-409 Strip mine on unnamed tributary to Little Piney Creek northeast of Limestone.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-31-75	12	4.4	64	10	0.1	98	1.44	9.22	0.14	14.1
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-26-76	2	7.2	10	16	0.2	150	0.38	0.24	0.005	3.60
03-23-76	1	7.4	6	28	0.5	125	0.34	0.07	0.006	1.50
04-27-76	NO SAMPLE AVAILABLE - DRY									
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-19-76	NO SAMPLE AVAILABLE - DRY									
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-16-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	4.4	6	10	0.1	98	0	0	0	0
MAX.	12	7.4	64	28	0.5	150	1.44	9.22	0.14	14.1
AVG.	1.7	6.3					0.24	1.06	0.02	2.13

PINEY CREEK WATERSHED WEIR NUMBER PY-410 Strip mine on Little Piney Creek southeast of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-31-75	34	4.0	196	0	0.4	345	0	80	0.16	141
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-26-76	4	3.3	274	0	0.5	725	0	13.2	0.02	34.8
03-23-76	2	3.5	226	0	0.3	500	0	5.42	0.007	12.0
04-30-76	2	4.2	234	0	0.5	637	0	5.62	0.01	15.3
05-25-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	0	3.3	196	0	0.3	196	0	0	0	0
MAX.	34	4.2	274	0	0.5	725	0	80	0.16	80
AVG.	4.7	3.8					0	11.6	0.02	22.6

PINEY CREEK WATERSHED WEIR NUMBER PY-411 Strip mine on unnamed tributary to Little Piney Creek southwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-18-75	70	3.3	326	0	10.4	788	0	274	8.74	662
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-26-76	123	3.0	656	0	53.0	1065	0	968	78	1572
03-23-76	70	3.2	426	0	18.0	1200	0	358	15.1	1008
04-27-76	34	3.1	260	0	17.5	738	0	106	7.14	301
05-25-76	22	3.0	540	0	18.0	963	0	143	4.75	254
06-22-76	12	2.8	534	0	20.5	1250	0	77	2.95	180
07-23-76	22	3.1	416	0	22.5	1050	0	110	5.94	277
08-25-76	22	2.8	448	0	17.5	1000	0	118	4.62	264
09-27-76	12	3.2	564	0	25.0	1175	0	81	3.60	169
MIN.	12	2.8	260	0	10.4	738	0	77	2.95	169
MAX.	123	3.3	656	0	53.0	1250	0	968	78	1572
AVG.	43	3.0					0	248	14.6	515

PINEY CREEK WATERSHED WEIR NUMBER PY-412 Spring on unnamed tributary to Little Piney Creek southwest of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-19-76	1	7.1	8	22	0.02	60	0.26	0.09	0.0002	0.72
02-26-76	6	4.7	20	14	0.1	72	1.01	1.44	0.007	5.18
03-23-76	12	5.6	10	12	0.6	98	1.73	1.44	0.09	14.1
04-27-76	12	4.7	4	10	0.02	50	1.44	0.58	0.003	7.20
05-25-76	6	4.6	26	12	0.7	75	0.86	1.87	0.05	5.40
06-22-76	6	5.4	18	10	0.03	70	0.72	1.30	0.002	5.04
07-23-76	12	6.5	10	20	0.5	128	1.44	1.44	0.07	18.4
08-25-76	2	5.5	18	22	0.25	65	0.53	0.43	0.006	1.56
09-27-76	2	6.4	14	28	0.5	90	0.67	0.34	0.01	2.16
MIN.	1	4.6	4	10	0.02	50	0.26	0.09	0.0002	0.72
MAX.	12	7.1	26	28	0.25	128	1.73	1.87	0.09	18.4
AVG.	6.6	5.6					0.96	0.99	0.03	6.64

PINEY CREEK WATERSHED WEIR NUMBER PY-415 Gas well on unnamed tributary to Little Piney Creek south of Waterson.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	12	6.8	0	107	5.7	60	15.4	0	0.82	8.64
11-26-75	12	6.2	0	112	3.6	140	2.30	0	0.52	20.2
12-17-75	12	6.8	0	104	3.5	58	14.9	0	0.50	8.35
01-19-76	6	8.5	0	103	4.9	58	7.78	0	0.35	4.18
02-26-76	NO SAMPLE	AVAILABLE - NOT TAKEN	-	-	-	-	-	-	-	-
03-23-76	NO SAMPLE	AVAILABLE - NOT TAKEN	-	-	-	-	-	-	-	-
04-30-76	22	6.3	0	104	4.8	120	27.5	0	1.27	31.7
05-26-76	22	6.9	34	128	4.1	95	33.8	8.98	1.08	25.1
06-22-76	22	7.0	10	140	4.5	83	37.0	2.64	1.19	21.9
07-23-76	22	7.0	24	86	15	103	22.7	6.34	3.96	28.5
08-25-76	17	6.1	8	128	4.4	48	26.1	1.63	0.90	9.79
09-16-76	12	6.6	2	130	4.9	55	18.7	0.29	0.71	7.92
MIN.	12	6.1	0	86	3.5	55	2.30	0	0.35	4.18
MAX.	22	8.5	34	140	15	140	37.0	8.98	3.96	31.7
AVG.	16	6.8					20.6	1.99	1.13	16.6

PINEY CREEK WATERSHED WEIR NUMBER PY-417 Deep mine stripped to unnamed tributary to Little Piney Creek southwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	1	3.4	490	0	6.6	1125	0	5.88	0.08	14.7
11-18-75	1	3.3	100	0	7.2	3100	0	1.20	0.09	15.6
12-16-75	1	3.8	316	0	12.4	1175	0	3.79	0.15	14.1
01-14-76	1	3.4	166	0	6.0	385	0	1.99	0.07	4.62
02-16-76	2	4.2	56	4	3.7	400	0.10	1.34	0.09	9.60
03-16-76	2	3.5	300	0	10.8	825	0	7.20	0.26	19.8
04-21-76	1	3.4	208	0	2.7	900	0	2.50	0.03	10.8
05-18-76	1	3.6	386	0	5.4	900	0	4.63	0.06	10.8
06-15-76	1	2.9	420	0	15.0	800	0	5.04	0.18	9.60
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	1	3.3	628	0	9.0	1538	0	7.54	0.11	18.5
09-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	2.9	56	0	2.7	385	0	0	0	0
MAX.	2	4.2	628	4	15.0	1538	0.10	7.54	0.26	19.8
AVG.	1	3.5					0.008	3.43	0.09	10.7

PINEY CREEK WATERSHED WEIR NUMBER PY-418 Strip mine to unnamed tributary to Little Piney Creek southwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-28-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-16-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
02-16-76	22	4.2	88	4	1.5	600	1.06	23.2	0.40	158
03-16-76	4	8.3	0	56	2.4	120	2.69	0	0.12	5.76
04-21-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	4.2	0	4	1.5	120	0	0	0	0
MAX.	22	8.3	88	56	2.4	600	2.69	23.2	0.40	158
AVG.	2.2	6.3					0.31	1.93	0.04	13.7

PINEY CREEK WATERSHED WEIR NUMBER PY-419 Strip mine to unnamed tributary to Little Piney Creek west of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	9	3.5	160	0	3.5	875	0	17.3	0.38	95
11-18-75	12	3.3	180	0	2.4	650	0	25.9	0.35	94
12-16-75	34	3.8	144	0	1.5	435	0	59	0.61	177
01-14-76	12	3.5	180	0	2.4	800	0	25.9	0.35	115
02-16-76	34	4.0	90	0	1.6	365	0	36.7	0.65	149
03-15-76	17	3.5	268	0	4.7	863	0	55	0.96	176
04-19-76	6	3.5	268	0	2.8	988	0	19.3	0.20	71
05-17-76	4	3.7	196	0	3.1	800	0	9.41	0.15	38.4
06-14-76	2	3.2	282	0	2.2	863	0	6.77	0.05	20.7
07-14-76	12	3.5	234	0	1.6	650	0	33.7	0.23	94
08-16-76	70	3.5	176	0	2.0	850	0	148	1.68	714
09-14-76	1	3.3	270	0	1.7	900	0	3.24	0.02	10.8
MIN.	1	3.2	90	0	1.5	365	0	3.24	0.02	10.8
MAX.	70	4.0	282	0	4.7	988	0	148	1.68	714
AVG.	18	3.5					0	36.7	0.47	146

PINEY CREEK WATERSHED WEIR NUMBER PY-421 Strip mine on Little Piney Creek west of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	2	3.5	90	0	3.7	325	0	2.16	0.08	7.80
11-18-75	1	3.3	104	0	6.5	400	0	1.25	0.08	4.80
12-16-75	2	3.6	56	0	3.2	830	0	1.34	0.08	19.9
01-14-76	4	4.0	110	0	4.1	205	0	5.28	0.20	9.84
02-12-76	4	4.0	48	0	2.7	100	0	2.30	0.13	4.80
03-16-76	2	3.3	100	0	8.6	218	0	2.40	0.21	5.23
04-19-76	2	3.1	172	0	12.5	300	0	4.13	0.30	7.20
05-17-76	1	3.2	138	0	28.5	246	0	1.66	0.34	2.95
06-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-17-76	2	3.4	82	0	1.2	135	0	1.97	0.03	3.24
09-17-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	3.1	48	0	1.2	100	0	0	0	0
MAX.	4	4.0	172	0	18.5	830	0	5.28	0.34	19.9
AVG.	1.7	3.5					0	1.88	0.12	5.50

PINEY CREEK WATERSHED WEIR NUMBER PY-422 Strip mine on Little Piney Creek west of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	6	2.8	2660	0	625	4400	0	191	45	317
11-18-75	4	2.7	2280	0	475	3950	0	109	23	190
12-16-75	2	2.8	2672	0	760	525	0	64	18.2	12.6
01-14-76	12	2.3	2360	0	970	1975	0	340	140	284
02-12-76	6	3.0	970	0	230.0	1000	0	70	17	72
03-16-76	12	2.5	2554	0	626.0	4000	0	368	90	576
04-19-76	6	2.7	2396	0	447.5	1638	0	173	32.2	118
05-17-76	2	2.9	2136	0	750.0	2375	0	51	18.0	57
06-14-76	2	2.4	2174	0	375.0	2950	0	52	9.00	71
07-14-76	2	2.5	2156	0	533.0	2018	0	52	12.8	48.4
08-17-76	6	2.6	2660	0	692.0	3175	0	163	50	229
09-14-76	2	2.6	1662	0	928.0	5000	0	39.9	22.3	120
MIN.	2	2.3	970	0	230.0	525	0	39.9	12.8	12.6
MAX.	12	3.0	2672	0	970	5000	0	368	140	576
AVG.	5.2	2.6					0	139	39.8	175

PINEY CREEK WATERSHED WEIR NUMBER PY-423 Strip mine on Little Piney Creek north of Holden.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-16-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
02-12-76	6	2.9	1090	0	207.0	800	0	78	14.9	58
03-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
04-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
05-17-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-14-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	2.9	1090	0	207.0	800	0	0	0	0
MAX.	6	2.9	1090	0	207.0	800	0	78	14.9	58
AVG.	0.5	2.9					0	6.50	1.24	4.83

PINEY CREEK WATERSHED WEIR NUMBER PY-424 Runoff past active tipple to Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-22-76	2	3.0	1080	0	370	2500	0	25.9	8.88	60
01-14-76	2	2.6	1000	0	352	2000	0	24	8.45	48
02-12-76	34	3.4	500	0	132.0	675	0	204	54	275
03-16-76	6	2.8	996	0	230.0	1925	0	72	16.6	139
04-19-76	4	2.4	1020	0	162.5	1663	0	49.0	7.80	80
05-17-76	12	2.8	1284	0	232.5	1475	0	185	33.5	212
06-14-76	2	2.5	1640	0	190.0	1863	0	39.4	4.56	44.7
07-14-76	1	2.4	1830	0	247.3	1975	0	22.0	3.00	23.7
08-17-76	2	2.3	1504	0	190.0	2000	0	37.0	4.56	48.0
09-14-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	2.3	500	0	132.0	675	0	0	0	0
MAX.	34	3.4	1830	0	370	2500	0	204	54	275
AVG.	5.4	2.7					0	55	11.8	78

PINEY CREEK WATERSHED WEIR NUMBER PY-425 Runoff past active tipple to Little Piney Creek southwest of Corsica.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-22-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
02-16-76	6	3.4	768	0	216.0	1950	0	55	15.6	140
03-16-76	6	3.1	788	0	210.0	1825	0	57	15.1	131
04-19-76	17	2.4	708	0	172.7	1350	0	144	35.2	275
05-17-76	12	3.5	644	0	169.0	1375	0	93	24.3	198
06-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	1	2.8	366	0	41.5	1313	0	4.40	0.50	15.8
08-17-76	1	2.5	1270	0	375.0	2175	0	15.2	4.50	26.1
09-14-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	2.4	366	0	41.5	1313	0	0	0	0
MAX.	17	3.5	1270	0	375.0	2175	0	144	35.2	275
AVG.	3.6	2.9					0	30.8	7.92	66

PINEY CREEK WATERSHED WEIR NUMBER PY-427 Unnamed tributary to Little Piney Creek north of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-22-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-15-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
02-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
03-18-76	126	3.5	466	0	68.0	1225	0	705	103	1852
04-19-76	68	2.8	550	0	81.2	1700	0	449	66	1387
05-17-76	34	3.1	368	0	79.2	1550	0	150	32.3	632
06-14-76	34	2.7	742	0	83.0	1925	0	303	33.9	785
07-14-76	49	2.7	546	0	72.3	1050	0	321	42.5	617
08-17-76	34	3.0	468	0	53.8	1800	0	191	22.0	734
09-14-76	10	4.6	320	4	94.5	1313	0.48	38.4	11.3	158
MIN.	0	2.7	320	0	53.8	1050	0	0	0	0
MAX.	126	4.6	742	4	94.5	1925	0.48	705	103	1852
AVG.	30	3.2					0.04	180	25.9	514

PINEY CREEK WATERSHED WEIR NUMBER PY-428 Strip mine on Little Piney Creek west of Corsica.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-05-75	1	3.3	144	0	1.0	400	0	1.73	0.01	4.80
12-22-76	1	4.4	60	18	0.3	325	0.22	0.72	0.004	3.90
01-14-76	4	3.4	422	0	11.9	1125	0	20.3	0.57	54
02-16-76	22	3.5	378	0	28.2	1825	0	100	7.44	482
03-16-76	22	3.3	614	0	27.7	1763	0	162	7.31	465
04-19-76	6	2.8	528	0	7.4	1375	0	38.0	0.53	99
05-17-76	4	3.2	446	0	5.1	925	0	21.4	0.24	44.4
06-14-76	2	2.9	392	0	5.0	863	0	9.41	0.12	20.7
07-14-76	2	3.1	198	0	5.4	700	0	4.75	0.13	16.8
08-17-76	6	3.3	232	0	3.9	425	0	16.7	0.28	30.6
09-14-76	1	3.0	474	0	5.0	1138	0	5.69	0.06	13.7
MIN.	1	2.8	60	0	0.3	325	0	0.72	0.004	3.90
MAX.	22	4.4	614	18	28.2	1825	0.22	162	7.44	482
AVG.	6.5	3.3					0.02	34.6	1.52	112

PINEY CREEK WATERSHED WEIR NUMBER PY-429 Deep mine on unnamed tributary to Little Piney Creek east of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-26-76	1	3.7	254	0	32.5	1000	0	3.05	0.39	12.0
03-19-76	1	3.6	252	0	32.5	975	0	3.02	0.39	11.7
04-27-76	1	3.5	170	0	42.5	1088	0	2.04	0.51	13.1
05-25-76	1	3.3	458	0	32.2	1350	0	5.50	0.39	16.2
06-22-76	1	2.9	410	0	30.0	1475	0	4.92	0.36	17.7
07-21-76	1	3.1	268	0	3.6	1088	0	3.22	0.04	13.1
08-25-76	1	2.9	396	0	44.8	1488	0	4.75	0.54	17.9
09-27-76	2	3.2	436	0	81.3	1225	0	10.5	1.95	29.4
MIN.	1	2.9	170	0	3.6	975	0	2.04	0.04	11.7
MAX.	2	3.7	458	0	81.3	1488	0	10.5	1.95	29.4
AVG.	1.1	3.3					0	4.63	0.57	16.4

PINEY CREEK WATERSHED WEIR NUMBER PY-430 Tipple settling pond on Little Piney Creek north of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-15-76	68	2.8	838	0	188.0	1925	0	684	153	1571
04-19-76	34	2.5	632	0	120.0	1700	0	258	49.0	694
05-18-76	34	2.7	880	0	131.0	1863	0	359	53	760
06-14-76	12	2.5	1000	0	100.0	1763	0	144	14.4	254
07-14-76	12	2.5	786	0	102.0	650	0	113	14.7	94
08-17-76	34	2.7	846	0	99.3	2000	0	345	40.5	816
09-14-76	34	2.7	768	0	115.0	2350	0	313	46.9	959
MIN.	12	2.5	632	0	99.3	650	0	113	14.4	94
MAX.	68	2.8	1000	0	188.0	2350	0	684	153	1571
AVG.	33	2.6					0	317	53	735

PINEY CREEK WATERSHED WEIR NUMBER PY-431 Strip mine on Little Piney Creek west of Corsica.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-18-76	34	3.5	180	0	3.4	625	0	73	1.39	255
04-19-76	17	3.3	284	0	3.7	800	0	58	0.75	163
05-17-76	6	3.9	264	0	4.1	663	0	19.0	0.30	47.7
06-14-76	2	3.2	352	0	5.5	825	0	8.45	0.13	19.8
07-14-76	4	6.6	64	42	1.9	175	2.02	3.07	0.09	8.40
08-17-76	34	6.2	22	52	0.9	155	21.2	8.98	0.37	63
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.2	22	0	0.9	175	0	0	0	0
MAX.	34	6.6	352	52	5.5	825	21.2	73	1.39	255
AVG.	14	4.5					3.32	24.4	0.43	80

PINEY CREEK WATERSHED WEIR NUMBER PY-432 Tipple seepage on Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-76	6	2.6	910	0	133.2	1413	0	66	9.59	102
04-19-76	4	3.2	614	0	121.0	2000	0	29.5	5.81	96
05-17-76	4	3.1	1170	0	78.5	1700	0	56	3.77	82
06-14-76	1	2.5	1444	0	220.0	1825	0	17.3	2.64	21.9
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.5	614	0	78.5	1700	0	0	0	0
MAX.	6	3.2	1444	0	220.0	2000	0	66	9.59	102
AVG.	2.1	2.9					0	24.1	3.12	43.1

PINEY CREEK WATERSHED WEIR NUMBER PY-433 Seepage on Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-23-76	22	4.9	20	10	0.05	100	2.64	5.28	0.01	26.4
04-20-76	2	4.3	12	8	18.7	775	0.19	0.29	0.45	18.6
05-18-76	4	3.8	344	0	66.2	738	0	16.5	3.18	35.4
06-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-18-76	4	2.9	228	0	13.3	813	0	10.9	0.64	39.0
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.9	12	0	0.05	100	0	0	0	0
MAX.	22	4.9	344	10	66.2	813	2.64	16.5	3.18	39.0
AVG.	4.6	4.0					0.40	3.96	0.61	17.1

PINEY CREEK WATERSHED WEIR NUMBER PY-434 Seepage on Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-76	22	4.2	16	2	0.2	110	0.53	4.22	0.05	29.0
04-20-76	2	4.7	10	6	20.5	140	0.14	0.24	0.49	3.36
05-18-76	4	4.0	170	0	58.5	638	0	8.16	2.81	30.6
06-15-76	2	3.1	158	0	71.3	245	0	3.79	1.71	5.88
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-18-76	2	2.9	236	0	15.5	1088	0	5.66	0.37	26.1
09-14-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.1	10	0	0.2	110	0	0	0	0
MAX.	22	4.7	236	6	71.3	1088	0.53	8.16	2.81	30.6
AVG.	4.6	4.0					0.09	3.16	0.78	13.6

PINEY CREEK WATERSHED WEIR NUMBER PY-435 Spring on Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-76	6	4.4	10	4	0.01	70	0.29	0.72	0.001	5.04
04-20-76	6	4.6	14	2	0.7	88	0.14	1.01	0.05	6.34
05-18-76	4	5.3	46	12	0.1	70	0.58	2.21	0.005	3.36
06-16-76	4	2.4	548	0	57.5	988	0	26.3	2.76	47.4
07-16-76	4	2.6	258	0	58.8	1050	0	12.4	2.82	50
08-18-76	6	3.2	288	0	29.8	500	0	20.7	2.15	36.0
09-21-76	2	6.6	2	24	0.4	65	0.58	0.05	0.01	1.56
MIN.	2	2.4	2	0	0.01	65	0	0.05	0.005	1.56
MAX.	6	6.6	548	24	58.8	1050	0.58	26.3	2.82	47.4
AVG.	4.6	4.2					0.23	9.06	1.11	21.4

PINEY CREEK WATERSHED WEIR NUMBER PY-436 Seepage on Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-20-76	2	5.1	6	6	0.02	600	0.14	0.14	0.001	14.4
05-18-76	1	6.3	22	24	0.2	70	0.29	0.26	0.002	0.84
06-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-16-76	1	6.7	48	28	0.3	28	0.34	0.58	0.004	0.34
08-18-76	4	4.8	18	12	0.15	75	0.58	0.86	0.007	3.60
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.8	6	6	0.02	28	0	0	0	0
MAX.	4	6.7	48	28	0.15	600	0.58	0.86	0.007	14.4
AVG.	1.3	5.7					0.23	0.31	0.002	3.20

PINEY CREEK WATERSHED WEIR NUMBER PY-437 Seepage on Little Piney Creek northwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-20-76	1	5.2	6	6	9.9	128	0.07	0.07	0.12	1.54
05-18-76	4	3.2	130	0	52.0	198	0	6.24	2.50	9.50
06-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-18-76	6	2.9	264	0	20.0	1175	0	19.0	1.44	85
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.9	6	0	9.9	128	0	0	0	0
MAX.	6	5.2	264	6	52.0	1175	0.07	19.0	2.50	85
AVG.	1.8	3.8					0.01	4.22	0.68	16.0

PINEY CREEK WATERSHED WEIR NUMBER PY-438 Strip mine to unnamed tributary to Little Piney Creek south of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-19-76	1	3.6	180	0	3.6	538	0	2.16	0.04	6.46
05-17-76	2	3.9	196	0	2.3	65	0	4.70	0.06	1.56
06-14-76	1	4.4	46	10	1.4	218	0.12	0.55	0.02	2.62
07-15-76	1	3.7	158	0	1.9	313	0	1.90	0.02	3.76
08-17-76	2	3.8	124	0	1.8	813	0	2.98	0.04	19.5
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.6	46	0	1.4	65	0	0	0	0
MAX.	2	4.4	196	10	3.6	813	0.12	4.70	0.06	19.5
AVG.	1.2	3.9					0.02	2.05	0.03	5.65

PINEY CREEK WATERSHED WEIR NUMBER PY-439 Strip mine on Little Piney Creek southwest of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-19-76	1	4.0	170	0	3.9	320	0	2.04	0.05	3.84
05-18-76	1	4.1	302	0	5.2	863	0	3.62	0.06	10.4
06-14-76	1	5.0	144	24	5.3	988	0.29	1.73	0.06	11.9
07-15-76	1	4.0	196	0	5.9	650	0	2.35	0.07	7.80
08-17-76	2	4.2	224	0	1.3	1088	0	5.38	0.03	26.1
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.0	144	0	1.3	320	0	0	0	0
MAX.	2	5.0	302	24	5.9	1088	0.29	5.38	0.07	26.1
AVG.	1	4.3					0.05	2.52	0.05	10.0

PINEY CREEK WATERSHED WEIR NUMBER PY-440 Seepage and strip mine on Little Piney Creek west of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-19-76	1	2.8	604	0	30.7	1375	0	7.25	0.37	16.5
05-18-76	2	3.0	190	0	8.2	500	0	4.56	0.20	12.0
06-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	2.8	190	0	8.2	500	0	0	0	0
MAX.	2	3.0	604	0	30.7	1375	0	7.25	0.37	16.5
AVG.	0.5	2.9					0	1.97	0.10	4.75

PINEY CREEK WATERSHED WEIR NUMBER PY-441 Seepage on Little Piney Creek west of Holden.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-20-76	1	4.6	30	0	0.8	538	0	0.36	0.01	6.46
05-18-76	2	4.1	70	0	3.5	165	0	1.68	0.08	3.96
06-15-76	1	3.8	122	0	23.5	288	0	1.46	0.28	3.46
07-16-76	1	7.0	40	38	2.6	45	0.46	0.48	0.03	0.54
08-18-76	4	6.0	8	34	0.4	148	1.63	0.38	0.02	7.10
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.8	8	0	0.4	45	0	0	0	0
MAX.	4	7.0	122	34	23.5	538	1.63	1.68	0.28	7.10
AVG.	1.5	5.1					0.35	0.73	0.07	3.59

PINEY CREEK WATERSHED WEIR NUMBER PY-442 Strip mine seepage on unnamed tributary to Little Piney Creek east of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-27-76	1	3.7	168	0	7.8	925	0	2.02	0.09	11.1
05-25-76	2	6.1	144	38	0.7	963	0.91	3.46	0.02	23.1
06-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-22-76	1	6.8	58	88	0.3	185	1.06	0.70	0.004	2.22
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	3.7	144	0	0.7	185	0	0	0	0
MAX.	2	6.8	168	88	7.8	963	1.06	3.46	0.09	23.1
AVG.	0.6	5.0					0.28	0.88	0.02	5.20

PINEY CREEK WATERSHED WEIR NUMBER PY-500 Strip mine on Gathers Run to Piney Creek southwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	12	5.8	0	48	2.9	980	6.91	0	0.42	141
11-19-75	6	5.4	16	16	1.3	925	1.15	1.15	0.09	67
12-18-75	12	5.5	32	12	0.4	925	1.73	4.61	0.06	133
01-16-76	34	6.3	54	10	1.2	400	4.08	22.0	0.49	163
02-20-76	34	4.5	50	4	0.2	310	1.63	20.4	0.08	126
03-19-76	9	4.5	80	4	10.5	1950	0.43	8.64	1.13	211
04-21-76	6	4.7	40	14	0.3	1275	1.01	2.88	0.02	92
05-18-76	4	6.2	76	26	0.9	825	1.25	3.65	0.04	39.6
06-16-76	22	5.4	56	24	0.8	910	6.34	14.8	0.21	240
07-16-76	6	6.2	82	34	0.9	1100	2.45	5.90	0.06	79
08-20-76	6	5.7	34	32	0.7	963	2.30	2.45	0.05	69
09-20-76	6	6.9	18	34	3.4	1000	2.45	1.30	0.25	72
MIN.	4	4.5	0	4	0.2	310	0.43	0	0.02	67
MAX.	34	6.9	82	48	10.5	1950	6.91	22.0	1.13	240
AVG.	13	5.6					2.64	7.33	0.24	119

PINEY CREEK WATERSHED WEIR NUMBER PY-501 Strip mine on Gathers Run to Piney Creek southwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	1	3.5	20	0	0.6	550	0	0.24	0.007	6.60
11-16-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-20-76	6	4.0	128	0	0.3	1540	0	9.22	0.02	111
03-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
04-21-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	3.5	20	0	0.3	550	0	0	0	0
MAX.	6	4.0	128	0	0.6	1540	0	9.22	0.02	111
AVG.	0.64	3.7					0	0.86	0.003	10.7

PINEY CREEK WATERSHED WEIR NUMBER PY-503 Strip mine on Gathers Run to Piney Creek southwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	12	3.4	196	0	3.9	1350	0	28.2	0.56	194
11-19-75	12	3.5	240	0	2.5	2225	0	34.6	0.36	320
12-18-75	9	3.7	180	0	3.0	1825	0	19.4	0.32	197
01-16-76	22	4.0	200	0	2.5	1675	0	53	0.66	442
02-20-76	12	4.0	120	0	4.1	1420	0	17.3	0.59	204
03-19-76	12	3.8	180	0	4.5	1925	0	25.9	0.65	277
04-21-76	12	3.4	200	0	4.5	2875	0	28.8	0.65	414
05-18-76	6	4.0	260	0	12.0	1600	0	18.7	0.86	115
06-16-76	12	3.6	264	0	4.3	1638	0	38.0	0.62	236
07-16-76	9	3.9	188	0	8.1	1925	0	20.3	0.87	208
08-20-76	4	3.7	186	0	4.9	1925	0	8.93	0.24	92
09-20-76	12	3.5	98	0	9.3	1588	0	14.1	1.34	229
MIN.	4	3.4	98	0	2.5	1350	0	14.1	0.24	92
MAX.	22	4.0	264	0	12.0	2875	0	53	1.34	442
AVG.	11	3.7					0	25.6	0.64	244

PINEY CREEK WATERSHED WEIR NUMBER PY-504 Strip mine on Gathers Run to Piney Creek southwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-17-75	6	3.5	152	0	5.3	1250	0	10.9	0.38	90
11-19-75	12	3.5	252	0	4.0	1775	0	36.3	0.58	257
12-18-75	12	3.6	200	0	5.2	1875	0	28.8	0.75	270
01-16-76	34	3.9	210	0	4.9	1725	0	86	1.99	704
02-20-76	34	3.9	122	0	4.3	1800	0	50	1.75	734
03-19-76	6	3.8	186	0	4.0	1350	0	13.4	0.29	97
04-21-76	6	3.4	184	0	2.3	1862	0	13.2	0.17	134
05-18-76	12	3.7	262	0	4.9	1313	0	37.7	0.71	189
06-16-76	9	3.2	260	0	4.2	1313	0	28.1	0.45	142
07-16-76	9	3.6	150	0	25.2	1050	0	16.2	2.72	113
08-20-76	6	3.6	166	0	4.6	1900	0	12.0	0.33	137
09-17-76	4	3.5	112	0	5.3	1263	0	5.38	0.25	61
MIN.	4	3.2	112	0	2.3	1050	0	5.38	0.17	61
MAX.	34	3.9	262	0	25.2	1900	0	86	2.72	734
AVG.	13	3.6					0	28.2	0.86	244

PINEY CREEK WATERSHED WEIR NUMBER PY-505 Strip mine on Gathers Run to Piney Creek southwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-17-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	12	3.9	192	0	0.4	2480	0	27.6	0.06	357
03-19-76	2	3.8	290	0	0.3	1563	0	6.96	0.007	37.5
04-21-76	2	4.2	256	0	0.7	2150	0	6.14	0.02	52
05-18-76	2	4.7	420	0	0.7	1638	0	10.1	0.02	39.3
06-15-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	3.8	192	0	0.3	1563	0	0	0	0
MAX.	12	4.7	420	0	0.7	2480	0	27.6	0.06	357
AVG.	1.6	4.2					0	4.64	0.01	44.2

PINEY CREEK WATERSHED WEIR NUMBER PY-506 Strip mine on Gathers Run to Piney Creek southwest of Reidsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-16-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-17-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-20-76	6	7.9	10	22	2.2	150	1.58	0.72	0.16	10.8
03-19-76	2	3.7	132	0	4.4	625	0	3.17	0.11	15.0
04-21-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-18-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-15-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	3.7	10	0	2.2	150	0	0	0	0
MAX.	6	7.9	132	22	4.4	625	1.58	3.17	0.16	15.0
AVG.	0.73	5.8					0.14	0.35	0.02	2.35

PINEY CREEK WATERSHED WEIR NUMBER PY-600 Strip mine on Parsons Run to Sloan Run southwest of Limestone.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	22	6.7	10	32	1.0	525	8.45	2.64	0.26	139
11-26-75	6	5.9	4	36	0.6	250	2.59	0.29	0.04	18.0
12-22-75	17	6.6	28	34	2.4	315	6.94	5.71	0.49	64
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-24-76	193	3.5	40	0	3.4	272	0	93	7.87	630
03-24-76	12	6.8	16	30	1.7	240	4.32	2.30	0.24	34.6
04-27-76	17	6.5	24	18	1.8	250	3.67	4.90	0.37	51
05-26-76	2	6.5	4	14	4.3	155	0.34	0.10	0.10	3.67
06-23-76	34	6.1	34	20	0.2	220	8.16	13.9	0.08	90
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-25-76	4	6.3	70	24	0.6	500	1.15	3.36	0.03	24.0
09-27-76	22	6.0	10	22	0.8	235	5.81	2.64	0.21	62
MIN.	0	3.5	4	14	0.2	155	0	0	0	0
MAX.	193	6.8	70	36	3.4	525	10.4	13.9	7.87	630
AVG.	30	6.1					3.94	11.7	0.88	104

PINEY CREEK WATERSHED WEIR NUMBER PY-601 Strip mine on Parsons Run to Sloan Run southwest of Limestone.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	6.5	8	26	0.1	28	0.62	0.20	0.002	0.70
11-26-75	2	5.9	0	20	0.1	50	0.48	0	0.002	1.20
12-22-75	1	6.3	8	20	0.1	100	0.24	0.09	0.001	1.20
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-24-76	2	6.7	2	12	0.3	98	0.29	0.05	0.01	2.35
03-24-76	2	7.0	6	24	0.05	100	0.58	0.14	0.001	2.40
04-27-76	6	7.0	8	12	0.2	108	0.86	0.58	0.01	7.78
05-26-76	1	7.3	2	40	0.3	120	0.48	0.02	0.004	1.44
06-23-76	2	6.4	16	40	7.8	78	0.96	0.38	0.19	1.87
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-27-76	4	6.1	6	18	0.2	38	0.86	0.29	0.01	1.82
MIN.	0	5.9	0	12	0.05	28	0	0	0	0
MAX.	6	7.3	16	40	7.8	120	0.96	0.58	0.19	7.78
AVG.	2	6.6					0.49	0.16	0.02	1.89

PINEY CREEK WATERSHED WEIR NUMBER PY-602 Runoff to Parsons Run to Sloan Run southwest of Limestone.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-29-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-18-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-24-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
03-24-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
04-27-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-26-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-20-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-27-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	0	0	0	0	0	0	0	0	0
MAX.	0	0	0	0	0	0	0	0	0	0
AVG.	0	0	0	0	0	0	0	0	0	0

PINEY CREEK WATERSHED WEIR NUMBER PY-603 Strip mine on Parsons Run to Sloan Run southwest of Limestone.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	4.6	116	6	0.3	540	0.14	2.78	0.007	13.0
11-25-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-23-75	2	4.8	160	10	0.4	630	0.24	3.84	0.01	15.1
01-16-76	12	4.0	228	0	0.2	950	0	32.8	0.03	137
02-24-76	12	3.3	246	0	0.1	1000	0	35.4	0.01	144
03-24-76	2	4.1	94	2	0.2	375	0.05	2.26	0.005	9.00
04-27-76	2	4.8	80	2	0.2	328	0.05	1.92	0.005	7.87
05-26-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-23-76	9	4.1	188	0	0.75	278	0	20.3	0.08	30.0
07-14-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-25-76	2	4.0	248	0	1.7	813	0	5.95	0.04	19.5
09-27-76	2	4.4	120	2	0.4	375	0.05	2.88	0.01	9.00
MIN.	0	3.3	80	2	0.1	278	0	0	0	0
MAX.	12	4.8	248	10	1.7	1000	0.24	35.4	0.08	144
AVG.	3.8	4.2					0.04	9.00	0.02	32.0

PINEY CREEK WATERSHED WEIR NUMBER PY-604 Spring on Parsons Run to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	6	6.0	8	12	0.1	264	0.90	0.60	0.007	19.0
11-26-75	6	6.2	44	18	0.05	300	1.30	3.17	0.004	21.6
12-19-75	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-25-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
03-23-76	22	5.8	10	20	0.1	275	5.28	2.64	0.03	73
04-27-76	34	5.5	14	10	0.1	283	4.08	5.71	0.04	115
05-25-76	12	5.5	26	8	0.04	245	1.15	3.74	0.006	35.3
06-23-76	12	5.2	50	12	0.07	263	1.73	7.20	0.01	37.9
07-22-76	12	6.2	86	16	0.2	193	2.30	12.4	0.03	27.8
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-27-76	2	6.4	34	46	7.7	65	1.10	0.82	0.18	1.56
MIN.	0	5.2	8	8	0.04	65	0	0	0	0
MAX.	34	6.4	86	46	7.7	300	5.28	12.4	0.18	115
AVG.	11	5.9					1.78	3.63	0.03	33.1

PINEY CREEK WATERSHED WEIR NUMBER PY-605 Strip mine on Parsons Run to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	1	3.2	192	0	3.7	770	0	2.30	0.04	9.24
11-17-75	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
01-14-76	NO SAMPLE AVAILABLE	- FROZEN	-	-	-	-	-	-	-	-
02-25-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
03-23-76	1	4.9	12	12	0.1	250	0.14	0.14	0.001	3.00
04-27-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
05-25-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
09-17-76	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	0	3.2	12	0	0.1	250	0	0	0	0
MAX.	1	4.9	192	12	3.7	770	0.14	2.30	0.04	9.24
AVG.	0.2	4.0					0.01	0.24	0.004	1.22

PINEY CREEK WATERSHED WEIR NUMBER PY-606 Strip mine on Parsons Run to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	1	4.0	40	0	0.1	400	0	0.48	0.001	4.80
11-26-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - FROZEN									
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
03-23-76	1	4.0	42	0	0.8	330	0	0.50	0.01	3.96
04-27-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
05-25-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-17-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	4.0	40	0	0.1	330	0	0	0	0
MAX.	1	4.0	42	0	0.8	400	0	0.50	0.01	4.80
AVG.	0.2	4.0					0	0.09	0.001	0.88

PINEY CREEK WATERSHED WEIR NUMBER PY-712 Strip mine on Sloan Run to Piney Creek southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-26-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-23-75	NO SAMPLE AVAILABLE - FROZEN									
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
03-23-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
04-27-76	2	5.6	34	14	0.04	255	0.34	0.82	0.001	6.12
05-25-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-17-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	5.6	34	14	0.04	255	0	0	0	0
MAX.	2	5.6	34	14	0.04	255	0.34	0.82	0.001	6.12
AVG.	0.2	5.6					0.03	0.08	0.0001	0.61

PINEY CREEK WATERSHED WEIR NUMBER PY-700 Strip mine to unnamed tributary to Sloan Run northwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-19-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-24-76	1	7.4	2	32	0.7	95	0.38	0.02	0.01	1.14
03-24-76	1	7.8	4	36	0.6	150	0.43	0.05	0.007	1.80
04-23-76	2	6.5	2	30	0.4	88	0.72	0.05	0.01	2.11
05-25-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	6.5	2	30	0.4	88	0	0	0	0
MAX.	2	7.8	4	36	0.7	150	0.72	0.05	0.01	2.11
AVG.	0.36	7.2					0.14	0.01	0.002	0.46

PINEY CREEK WATERSHED WEIR NUMBER PY-701 Strip mine to unnamed tributary to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	3.5	108	0	3.9	1775	0	2.59	0.09	42.6
11-18-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	1	3.3	416	0	0.15	2000	0	4.99	0.002	24.0
03-23-76	1	4.0	180	0	1.8	1875	0	2.16	0.02	22.5
04-27-76	2	4.7	90	4	0.2	333	0.10	2.16	0.005	7.99
05-25-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	3.3	90	0	0.2	333	0	0	0	0
MAX.	2	4.7	416	4	3.9	2000	0.10	4.99	0.09	42.6
AVG.	0.55	3.9					0.009	0.99	0.01	8.83

PINEY CREEK WATERSHED WEIR NUMBER PY-702 Strip mine discharge to unnamed tributary to Sloan Run southwest of Frog-town.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	4.1	140	1	3.9	1875	0.02	3.36	0.10	45.0
11-18-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-25-76	2	3.3	440	0	0.07	1800	0	10.6	0.002	43.2
03-23-76	2	3.9	194	0	1.5	1800	0	4.66	0.04	43.2
04-27-76	2	4.8	98	6	0.2	320	0.14	2.35	0.005	7.68
05-25-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
06-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	0	3.3	98	0	0.07	320	0	0	0	0
MAX.	2	4.8	440	6	3.9	1875	0.14	10.6	0.10	45.0
AVG.	0.73	4.0					0.02	1.75	0.01	12.6

PINEY CREEK WATERSHED WEIR NUMBER PY-703 Strip mine discharge to unnamed tributary to Sloan Run southwest of Frog-town.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	6	5.3	8	12	0.7	700	0.86	0.58	0.05	50
11-18-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-25-76	2	5.4	90	12	0.15	900	0.29	2.16	0.004	21.6
03-23-76	2	6.6	20	28	0.7	398	0.67	0.48	0.02	9.55
04-27-76	1	4.0	36	0	2.3	88	0	0.43	0.03	1.06
05-25-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
06-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	0	4.0	8	12	0.7	88	0	0	0	0
MAX.	6	6.6	90	28	2.3	900	0.86	2.16	0.05	21.6
AVG.	1	5.3					0.17	0.30	0.009	7.47

PINEY CREEK WATERSHED WEIR NUMBER PY-704 Strip mine discharge to unnamed tributary to Sloan Run southwest of Frog-town.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	6	4.7	32	8	0.2	825	0.58	2.30	0.01	59
11-18-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-25-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
03-23-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
04-27-76	2	4.8	20	6	2.3	95	0.14	0.48	0.06	2.28
05-25-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
06-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	0	4.7	20	6	0.2	95	0	0	0	0
MAX.	6	4.8	32	8	2.3	825	0.58	2.30	0.06	59
AVG.	0.73	4.7					0.07	0.25	0.006	5.57

PINEY CREEK WATERSHED WEIR NUMBER PY-705 Strip mine discharge to unnamed tributary to Sloan Run southwest of Frog-town.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	1	4.7	32	4	0.1	975	0.05	0.38	0.001	11.7
11-18-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-19-75	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-76	NO SAMPLE	AVAILABLE - FROZEN	-	-	-	-	-	-	-	-
02-25-76	9	3.6	168	0	0.15	850	0	18.1	0.02	92
03-23-76	2	7.6	4	14	7.4	122	0.34	0.10	0.18	2.93
04-28-76	4	4.4	14	6	2.4	120	0.29	0.67	0.12	5.76
05-25-76	2	5.5	18	10	0.02	288	0.24	0.43	0.001	6.91
06-23-76	1	4.1	62	0	0.2	109	0	0.74	0.002	1.31
07-22-76	2	6.8	22	22	4.1	173	0.53	0.53	0.10	4.15
08-16-76	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
09-27-76	1	6.7	8	76	7.6	55	0.91	0.10	0.09	0.66
MIN.	0	3.6	4	4	0.02	55	0	0	0	0
MAX.	9	7.6	168	76	7.6	975	0.91	18.1	0.18	92
AVG.	2	5.4					0.22	1.92	0.05	11.4

PINEY CREEK WATERSHED WEIR NUMBER PY-706 Strip mine discharge to unnamed tributary to Sloan Run southwest of Frog-town.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	6	4.5	32	8	0.1	750	0.58	2.30	0.007	54
11-17-75	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	2	3.7	102	0	0.04	720		2.45	0.001	17.3
03-23-76	6	4.9	20	10	0.04	400	0.72	1.44	0.003	28.8
04-27-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
05-25-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
06-23-76	6	7.5	22	34	0.1	110	2.45	1.58	0.007	7.92
07-15-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
MIN.	0	3.7	20	8	0.04	110	0	0	0	0
MAX.	6	7.5	102	34	0.1	750	2.45	2.45	0.007	54
AVG.	1.8	5.1					0.34	0.71	0.002	9.82

PINEY CREEK WATERSHED WEIR NUMBER PY-707 Strip mine discharge to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
11-17-75	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
12-19-75	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	6	3.8	110	0	0.15	800		7.92	0.01	58
03-23-76	2	3.9	156	0	1.2	1750	0	3.74	0.03	42.0
04-28-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
05-25-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
06-15-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
09-16-76	NO SAMPLE AVAILABLE - DRY				0	0	0	0	0	0
MIN.	0	3.8	110	0	0.15	800	0	0	0	0
MAX.	6	3.9	156	0	1.2	1750	0	7.92	0.03	58
AVG.	0.73	3.8					0	1.06	0.004	9.09

PINEY CREEK WATERSHED WEIR NUMBER PY-708 Strip mine discharge to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	6	4.2	68	3	1.3	390	0.22	4.90	0.09	28.1
11-26-75	1	4.2	100	6	2.1	450	0.07	1.20	0.03	5.40
12-22-75	6	4.9	48	10	3.5	575	0.72	3.45	0.25	41.4
01-22-76	2	4.3	66	6	2.3	1025	0.14	1.58	0.06	24.6
02-25-76	2	3.6	130	0	0.45	900	0	3.12	0.01	21.6
03-23-76	6	4.5	38	4	2.4	400	0.29	2.74	0.17	28.8
04-28-76	6	4.3	80	2	0.8	410	0.14	5.76	0.06	29.5
05-26-76	2	4.6	38	10	1.9	400	0.24	0.91	0.05	9.60
06-23-76	12	4.4	56	6	1.4	313	0.86	8.06	0.20	45.1
07-22-76	2	4.3	80	0	1.5	288	0	1.92	0.04	6.91
08-25-76	4	4.0	146	0	1.9	638	0	7.01	0.09	30.6
09-27-76	4	5.0	48	22	2.9	375	1.06	2.30	0.14	18.0
MIN.	1	3.6	38	0	0.8	288	0	0	0	0
MAX.	12	5.0	146	22	3.5	1025	1.06	8.06	0.25	45.1
AVG.	4.4	4.4					0.31	3.58	0.10	24.1

PINEY CREEK WATERSHED WEIR NUMBER PY-709 Strip mine discharge to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	27	4.8	48	9	4.1	290	2.92	15.6	1.33	94
11-26-75	6	5.7	40	16	2.2	450	1.15	2.88	0.16	32.4
12-22-75	2	5.8	4	12	0.1	235	0.29	0.10	0.002	5.64
01-22-76	4	7.4	12	14	2.5	275	0.67	0.58	0.12	13.2
02-02-76	12	5.4	20	40	2.4	375	5.76	2.88	0.35	54
02-25-76	6	4.4	74	16	2.75	325	1.15	5.33	0.20	23.4
03-23-76	12	5.9	14	10	3.0	360	1.44	2.02	0.43	52
04-28-76	17	5.6	32	18	2.4	348	3.67	6.53	0.49	71
05-26-76	6	5.8	48	16	0.7	308	1.15	3.45	0.05	22.2
06-23-76	12	6.2	80	18	1.6	544	2.59	11.5	0.23	78
07-22-76	9	6.5	62	20	2.2	663	2.16	6.70	0.24	72
08-25-76	6	5.2	86	34	2.7	550	2.45	6.19	0.19	39.4
09-27-76	6	6.4	32	20	1.9	400	1.44	2.30	0.14	28.8
MIN.	2	4.4	4	9	0.1	235	0.29	0.10	0.002	6.00
MAX.	27	7.4	86	40	4.1	663	5.76	15.6	1.33	78
AVG.	9.6	5.7					2.06	5.08	0.30	45.1

PINEY CREEK WATERSHED WEIR NUMBER PY-710 Strip mine discharge to Sloan Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	12	5.8	14	16	0.1	150	2.30	2.02	0.01	21.6
11-17-75	NO SAMPLE AVAILABLE - DRY									
11-26-75	1	6.2	0	16	0.3	250	0.19	0	0.004	3.00
12-22-75	12	5.9	60	22	3.2	650	3.17	8.64	0.46	94
01-22-76	1	8.1	2	14	0.1	225	0.17	0.02	0.001	2.70
02-02-76	12	8.1	4	26	0.05	180	3.74	0.58	0.007	26.0
02-25-76	2	5.0	16	4	0.2	180	0.10	0.38	0.005	4.32
03-23-76	12	6.8	10	14	0.5	180	2.02	1.44	0.07	26.0
04-28-76	4	6.2	8	18	0.2	205	0.86	0.38	0.01	9.84
05-26-76	2	6.1	14	20	0.5	198	0.48	0.34	0.01	4.75
06-23-76	6	7.5	22	34	0.1	110	2.45	1.58	0.007	7.92
07-22-76	2	6.7	22	36	0.4	185	0.86	0.53	0.01	4.44
08-25-76	6	5.8	38	14	1.8	218	1.01	2.74	0.13	16.0
09-27-76	2	6.8	18	46	0.8	245	1.10	0.43	0.02	5.88
MIN.	0	5.0	0	4	0.05	110	0	0	0	0
MAX.	12	8.2	60	46	3.2	650	3.74	8.64	0.46	94
AVG.	5.3	6.5					1.32	1.36	0.05	16.2

PINEY CREEK WATERSHED WEIR NUMBER PY-711 Strip mine discharge to Sloan Run southwest of Frogtown.

10-24-75	60	5.8	4	20	0.2	107.5	14.4	2.88	0.14	77
11-26-75	12	6.0	16	12	0.1	120	1.73	2.30	0.01	17.3
12-22-75	22	6.6	8	14	0.1	160	3.70	2.11	0.03	42.2
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	12	5.0	10	12	0.1	225	1.73	1.44	0.01	32.4
03-23-76	22	7.1	6	18	0.1	140	4.75	1.58	0.03	37.0
04-28-76	22	6.3	6	14	0.7	128	3.70	1.58	0.18	33.8
05-26-76	2	6.3	4	16	5.9	173	0.38	0.10	0.14	4.15
06-23-76	34	6.2	28	16	0.5	350	6.53	11.4	0.20	143
07-22-76	12	6.8	16	10	0.6	275	1.44	2.30	0.09	39.6
08-25-76	12	6.1	12	24	0.2	155	3.46	1.73	0.03	22.3
09-27-76	1	6.8	18	44	3.1	128	0.53	0.22	0.04	1.54
MIN.	1	5.0	4	10	0.1	107.5	0.38	0.10	0.01	1.54
MAX.	60	7.1	28	44	5.9	350	14.4	11.4	0.20	77
AVG.	19	6.3					3.85	2.51	0.08	40.9

PINEY CREEK WATERSHED WEIR NUMBER PY-800 Strip mine on unnamed tributary to Glade Run west of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-20-75	NO SAMPLE AVAILABLE - DRY									
11-19-75	NO SAMPLE AVAILABLE - DRY									
12-19-75	NO SAMPLE AVAILABLE - DRY									
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-23-76	2	8.1	2	50	0.2	100	1.20	0.05	0.005	2.40
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-23-76	2	7.0	0	68	4.2	83	1.63	0	0.10	1.99
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-15-76	NO SAMPLE AVAILABLE - DRY									
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-23-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	7.0	0	50	0.2	83	0	0	0	0
MAX.	2	8.1	2	68	4.2	100	1.63	0.05	0.10	2.40
AVG.	0.36	7.5					0.26	0.004	0.01	0.40

PINEY CREEK WATERSHED WEIR NUMBER PY-801 Strip mine on unnamed tributary to Glade Run southeast of Frogtown.

12-22-75	6	4.8	36	4	1.2	315	0.29	2.59	0.09	22.7
01-20-76	6	4.7	16	6	2.9	215	0.43	1.15	0.21	15.5
02-23-76	1	4.0	40	0	0.3	180	0	0.48	0.004	2.16
03-22-76	6	4.7	34	6	0.4	235	0.43	2.45	0.03	16.9
04-23-76	6	5.3	6	10	0.6	218	0.72	0.43	0.04	15.7
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	6	4.6	26	8	0.8	238	0.58	1.87	0.06	17.1
07-22-76	4	6.2	80	14	1.1	245	0.67	3.84	0.05	11.8
08-24-76	2	4.7	52	70	0.9	245	1.68	1.25	0.02	5.88
09-23-76	2	4.3	56	6	2.9	280	0.29	1.34	0.07	6.72
MIN.	1	4.0	6	4	0.3	180	0.29	0.43	0.004	2.16
MAX.	6	6.2	80	70	2.9	315	1.68	3.84	0.21	22.7
AVG.	4.3	4.8					0.57	1.71	0.06	12.7

PINEY CREEK WATERSHED WEIR NUMBER PY-802 Strip mine on unnamed tributary to Glade Run southeast of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	5.5	10	20	0.5	190	0.48	0.24	0.01	4.56
11-26-75	6	5.5	4	12	1.0	90	0.86	0.29	0.07	6.48
12-22-75	22	6.3	16	10	1.7	95	2.64	4.22	0.45	25.1
01-20-76	6	5.5	12	16	1.3	110	1.15	86	0.09	7.92
02-25-76	4	5.6	22	20	0.2	90	0.96	1.06	0.001	4.32
03-22-76	12	7.5	4	16	0.8	115	2.30	0.58	0.12	16.6
04-26-76	17	6.0	4	8	0.9	80	1.63	0.82	0.18	16.3
05-26-76	NO SAMPLE AVAILABLE - DRY									
06-21-76	34	6.2	10	12	0.6	88	4.90	4.08	0.24	35.9
07-22-76	6	6.6	60	20	0.9	160	1.44	4.32	0.06	11.5
08-24-76	6	6.6	14	68	1.3	120	4.90	1.01	0.09	8.64
09-23-76	4	6.0	10	30	1.2	128	1.44	0.48	0.06	6.14
MIN.	2	5.5	4	8	0.2	80	0.48	0.24	0.001	4.32
MAX.	34	7.5	60	68	1.7	190	4.90	4.32	0.45	35.9
AVG.	11	6.1					2.06	9.37	0.13	13.0

PINEY CREEK WATERSHED WEIR NUMBER PY-803 Strip mine on unnamed tributary to Glade Run southeast of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	6.9	4	32	1.7	450	0.77	0.10	0.04	10.8
11-26-75	2	6.2	0	36	0.7	75	0.86	0	0.02	1.80
12-22-75	6	6.3	16	26	7.9	58	1.87	1.15	0.57	4.18
01-20-76	2	6.8	8	32	2.1	90	0.77	0.19	0.05	2.16
02-23-76	4	7.2	4	20	0.3	125	0.19	0.96	0.01	6.00
03-22-76	9	7.5	6	40	0.7	95	4.32	0.65	0.08	10.3
04-26-76	6	6.0	4	30	0.8	64	2.16	0.29	0.06	4.61
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	12	6.3	14	40	0.5	288	5.76	2.02	0.07	41.5
07-22-76	2	6.8	50	64	2.1	128	1.54	1.20	0.05	3.07
08-24-76	2	6.9	6	144	4.6	90	3.46	0.14	0.11	2.16
09-23-76	1	6.2	10	18	1.1	145	0.22	0.12	0.01	1.74
MIN.	1	6.0	0	18	0.3	58	0.19	0	0.01	1.74
MAX.	12	7.5	50	144	7.9	450	5.76	2.02	0.57	41.5
AVG.	4.4	6.6					1.99	0.62	0.09	8.03

PINEY CREEK WATERSHED WEIR NUMBER PY-804 Strip mine on unnamed tributary to Glade Run southeast of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	1	3.8	220	0	1.5	2025	0	2.64	0.02	24.3
11-21-75	NO SAMPLE AVAILABLE - DRY									
12-19-75	NO SAMPLE AVAILABLE - DRY									
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-23-76	NO SAMPLE AVAILABLE - DRY									
03-22-76	1	7.8	4	56	0.2	75	0.67	0.05	0.002	0.90
04-26-76	1	6.8	6	48	0.2	155	0.58	0.07	0.002	1.86
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-21-76	NO SAMPLE AVAILABLE - DRY									
07-22-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-20-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.8	4	0	0.2	75	0	0	0	0
MAX.	1	7.8	220	56	1.5	2025	0.67	2.64	0.02	24.3
AVG.	0.27	6.1					0.11	0.25	0.002	2.46

PINEY CREEK WATERSHED WEIR NUMBER PY-805 Strip mine on unnamed tributary to Glade Run southeast of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	22	3.8	210	0	1.5	2250	0	55	0.40	594
11-26-75	12	3.8	200	0	1.1	2350	0	28.8	0.16	338
12-22-75	12	4.1	292	2	1.4	1575	0.29	42.1	0.20	227
01-20-76	34	3.9	588	0	1.0	1425	0	240	0.41	581
02-23-76	50	3.6	176	0	1.0	1550	0	106	0.60	930
03-22-76	22	4.0	316	0	0.7	1275	0	83	0.18	337
04-26-76	22	3.8	220	0	1.2	1575	0	58	0.32	416
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	22	3.5	364	0	1.9	1350	0	96	0.50	356
07-22-76	9	3.8	350	0	1.6	1475	0	37.8	0.17	159
08-24-76	6	3.9	326	0	1.6	2000	0	23.5	0.12	144
09-23-76	4	3.8	338	0	2.3	1750	0	16.2	0.11	84
MIN.	4	3.5	176	0	0.7	1275	0	16.2	0.11	84
MAX.	50	4.1	588	2	2.3	2350	0.29	240	0.60	930
AVG.	19.6	3.8					0.03	72	0.29	379

PINEY CREEK WATERSHED WEIR NUMBER PY-806 Strip mine on unnamed tributary to Glade Run southeast of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	5.5	18	12	0.6	230	0.29	0.43	0.01	5.52
11-26-75	4	4.8	48	18	0.3	287	0.86	2.30	0.01	13.8
12-22-75	2	5.2	48	6	0.4	260	0.14	1.15	0.01	6.24
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-23-76	4	5.4	22	10	0.2	225	0.48	1.06	0.01	10.8
03-22-76	6	3.9	276	0	0.1	550	0	19.9	0.007	39.6
04-26-76	12	5.4	8	24	0.2	245	3.46	1.15	0.03	35.3
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-21-76	6	5.8	24	16	2.5	225	1.15	1.73	0.18	16.2
07-22-76	1	6.1	68	10	38.2	140	0.12	0.82	0.46	1.68
08-24-76	2	6.2	40	50	40.3	190	1.20	0.96	0.97	4.56
09-23-76	1	5.8	32	20	1.9	253	0.24	0.38	0.02	3.04
MIN.	1	3.9	8	6	0.1	140	0.12	0.38	0.007	1.68
MAX.	12	6.2	276	50	40.3	550	3.46	19.9	0.97	39.6
AVG.	4	5.0					0.80	2.90	0.17	13.6

PINEY CREEK WATERSHED WEIR NUMBER PY-807 Strip mine on unnamed tributary to Glade Run southwest of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-24-76	4	3.8	132	0	9.5	1875	0	6.34	0.46	90
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-26-76	6	3.4	240	0	20.0	1475	0	17.3	1.44	106
05-26-76	NO SAMPLE AVAILABLE - LOST									
06-23-76	2	3.0	442	0	28.0	1288	0	10.6	0.67	30.9
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-20-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.0	132	0	0	1288	0	0	0	0
MAX.	6	3.8	442	0	28.0	1875	0	17.3	1.44	106
AVG.	1.7	3.4					0	5.0	0.36	32.4

PINEY CREEK WATERSHED WEIR NUMBER PY-808 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-25-76	NO SAMPLE AVAILABLE - DRY									
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-26-76	1	3.0	466	0	15.0	1475	0	5.59	0.18	17.7
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-20-76	NO SAMPLE AVAILABLE - DRY									
07-14-76	NO SAMPLE AVAILABLE - DRY									
08-16-76	NO SAMPLE AVAILABLE - DRY									
09-20-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.0	466	0	15.0	1475	0	0	0	0
MAX.	1	3.0	466	0	15.0	1475	0	5.59	0.18	17.7
AVG.	0.13	3.0					0	0.70	0.02	2.21

PINEY CREEK WATERSHED WEIR NUMBER PY-809 Deep mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	1	3.3	380	0	130.8	900	0	4.56	1.57	10.8
11-26-75	1	3.0	640	0	9.3	1100	0	7.68	0.11	13.2
12-23-75	NO SAMPLE AVAILABLE - FROZEN									
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	1	3.2	480	0	9.9	875	0	5.76	0.12	10.5
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-26-76	2	3.0	464	0	14.4	1150	0	11.1	0.35	27.6
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-21-76	1	4.8	58	12	1.5	538	0.14	0.70	0.02	6.46
07-15-76	NO SAMPLE AVAILABLE - DRY									
08-24-76	NO SAMPLE AVAILABLE - DRY									
09-20-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.0	58	0	1.5	538	0	0	0	0
MAX.	2	4.8	640	12	130.8	1150	0.14	11.1	1.57	27.6
AVG.	0.6	3.5					0.01	2.98	0.22	6.86

PINEY CREEK WATERSHED WEIR NUMBER PY-810 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-24-75	1	2.8	680	0	9.9	900	0	8.16	0.12	10.8	
11-26-75	1	3.1	640	0	9.3	1300	0	7.68	0.11	15.6	
12-23-75	NO SAMPLE AVAILABLE - FROZEN										
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-25-76	NO SAMPLE AVAILABLE - DRY										
03-22-76	NO SAMPLE AVAILABLE - DRY										
04-26-76	2	3.3	282	0	0.26	1125	0	6.77	0.006	27.0	
05-25-76	NO SAMPLE AVAILABLE - DRY										
06-20-76	NO SAMPLE AVAILABLE - DRY										
07-14-76	NO SAMPLE AVAILABLE - DRY										
08-16-76	NO SAMPLE AVAILABLE - DRY										
09-20-76	NO SAMPLE AVAILABLE - DRY										
MIN.	0	2.8	282	0	0.26	900	0	0	0	0	
MAX.	2	3.8	680	0	9.9	1300	0	8.16	0.12	27.0	
AVG.	0.4	3.2					0	2.26	0.02	5.34	

PINEY CREEK WATERSHED WEIR NUMBER PY-811 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-24-75	1	3.5	470	0	1.9	1050	0	5.64	0.02	12.6	
11-26-75	1	3.5	668	0	0.6	1350	0	8.02	0.01	16.2	
12-23-75	NO SAMPLE AVAILABLE - FROZEN										
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-25-76	1	3.6	320	0	1.1	1250	0	3.84	0.01	15.0	
03-22-76	1	3.7	330	0	4.1	863	0	3.96	0.05	10.4	
04-26-76	2	3.4	286	0	6.9	1150	0	6.86	0.17	27.6	
05-26-76	NO SAMPLE AVAILABLE - LOST										
06-21-76	2	3.2	616	0	4.4	1375	0	14.8	0.11	33.0	
07-22-76	2	3.5	182	0	5.5	600	0	4.37	0.13	14.4	
08-24-76	2	3.7	284	0	2.7	850	0	6.82	0.06	20.4	
09-23-76	2	3.5	522	0	5.5	1263	0	12.5	0.13	30.3	
MIN.	1	3.2	182	0	0.6	600	0	3.84	0.01	10.4	
MAX.	2	3.7	668	0	6.9	1350	0	14.8	0.17	33.0	
AVG.	1.5	3.5					0	7.40	0.07	20.0	

PINEY CREEK WATERSHED WEIR NUMBER PY-812 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-24-75	2	3.3	450	0	3.7	775	0	10.8	0.09	18.6	
11-26-75	2	3.4	452	0	4.5	1050	0	10.8	0.11	25.2	
12-23-75	NO SAMPLE AVAILABLE - FROZEN										
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-25-76	NO SAMPLE AVAILABLE - DRY										
03-22-76	1	3.7	316	0	4.0	825	0	3.79	0.05	9.90	
04-26-76	2	3.4	252	0	11.5	963	0	6.05	0.28	23.1	
05-26-76	NO SAMPLE AVAILABLE - LOST										
06-21-76	1	3.2	636	0	4.4	1666	0	7.63	0.05	20.0	
07-22-76	2	3.6	188	0	5.4	700	0	4.51	0.13	16.8	
08-24-76	2	3.7	326	0	3.4	775	0	7.82	0.08	18.6	
09-23-76	2	3.4	520	0	5.5	1400	0	12.5	0.13	33.6	
MIN.	0	3.2	188	0	3.4	700	0	0	0	0	
MAX.	2	3.7	636	0	11.5	1666	0	12.5	0.28	33.6	
AVG.	1.5	3.5					0	7.10	0.10	18.4	

PINEY CREEK WATERSHED WEIR NUMBER PY-813 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
10-24-75	1	3.9	120	0	53.0	500	0	1.44	0.64	6.00	
11-26-75	6	4.2	200	4	0.5	825	0.29	14.4	0.04	59.4	
12-23-75	NO SAMPLE AVAILABLE - FROZEN										
01-19-76	NO SAMPLE AVAILABLE - FROZEN										
02-25-76	NO SAMPLE AVAILABLE - DRY										
03-22-76	NO SAMPLE AVAILABLE - DRY										
04-26-76	6	3.7	114	0	2.0	380	0	8.21	0.14	27.4	
05-25-76	NO SAMPLE AVAILABLE - DRY										
06-21-76	4	4.7	70	10	1.5	475	0.48	3.36	0.07	22.8	
07-22-76	6	4.0	110	0	5.0	400	0	7.92	0.36	28.8	
08-24-76	2	4.1	132	10	3.9	1000	0.24	3.17	0.09	24.0	
09-20-76	NO SAMPLE AVAILABLE - DRY										
MIN.	0	3.7	70	0	0.5	380	0	0	0	0	
MAX.	6	4.7	200	10	53.0	1000	0.48	14.4	0.63	59.4	
AVG.	2.5	4.1					1.10	3.85	0.13	16.8	

PINEY CREEK WATERSHED WEIR NUMBER PY-814 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	1	2.7	2040	0	3.8	4400	0	24.5	0.05	50.4
11-26-75	1	3.4	400	0	4.5	975	0	4.80	0.05	53
12-23-75	NO SAMPLE AVAILABLE - FROZEN									
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	NO SAMPLE AVAILABLE - DRY									
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-26-76	1	3.5	228	0	6.8	1225	0	2.74	0.08	14.7
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-20-76	NO SAMPLE AVAILABLE - DRY									
07-14-76	NO SAMPLE AVAILABLE - DRY									
08-24-76	NO SAMPLE AVAILABLE - DRY									
09-23-76	2	4.4	92	0	6	450	0	2.21	0.14	10.8
MIN.	0	2.7	92	0	3.8	450	0	0	0	0
MAX.	2	4.4	2040	0	6.8	4400	0	24.5	0.14	53
AVG.	0.5	3.5					0	3.43	0.03	22.5

PINEY CREEK WATERSHED WEIR NUMBER PY-815 Strip mine on unnamed tributary to Glade Run south of Frogtown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-24-75	1	3.3	230	0	3.9	775	0	2.76	0.05	9.30
11-26-75	1	3.4	400	0	4.5	975	0	4.80	0.05	11.7
12-23-75	NO SAMPLE AVAILABLE - FROZEN									
01-19-76	NO SAMPLE AVAILABLE - FROZEN									
02-25-76	NO SAMPLE AVAILABLE - DRY									
03-22-76	NO SAMPLE AVAILABLE - DRY									
04-26-76	1	3.5	240	0	6.7	1475	0	2.88	0.08	17.7
05-25-76	NO SAMPLE AVAILABLE - DRY									
06-20-76	NO SAMPLE AVAILABLE - DRY									
07-14-76	NO SAMPLE AVAILABLE - DRY									
08-24-76	NO SAMPLE AVAILABLE - DRY									
09-20-76	NO SAMPLE AVAILABLE - DRY									
MIN.	0	3.3	230	0	3.9	775	0	0	0	0
MAX.	1	3.5	400	0	6.7	1475	0	4.80	0.08	17.7
AVG.	0.3	3.4					0	1.04	0.02	3.87

PINEY CREEK WATERSHED WEIR NUMBER PY-900 Strip mine on unnamed tributary to Poc Run northwest of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	2	4.6	28	5	3.3	300	0.12	0.67	0.08	7.20
11-26-75	2	4.4	16	4	2.7	125	0.10	0.38	0.06	3.00
12-19-75	NO SAMPLE AVAILABLE - FROZEN									
01-22-76	12	8.0	4	16	1.0	85	2.30	0.58	0.14	12.2
02-23-76	4	5.6	18	8	4.1	150	0.38	0.86	0.20	7.20
03-24-76	2	4.6	14	10	0.9	110	0.24	0.34	0.02	2.64
04-28-76	1	4.5	12	8	32.5	140	0.10	0.14	0.39	1.68
05-26-76	1	4.9	12	6	12.5	155	0.07	0.14	0.15	1.86
06-24-76	1	4.5	36	8	15.8	140	0.10	0.43	0.19	1.68
07-26-76	1	4.3	22	8	7.1	115	0.10	0.26	0.09	1.38
08-26-76	1	6.1	16	28	1.5	95	0.34	0.19	0.02	1.14
09-28-76	2	5.0	12	12	2.7	90	0.29	0.29	0.06	2.16
MIN.	1	4.3	4	4	0.9	85	0.07	0.14	0.02	1.14
MAX.	12	8.0	36	28	32.5	300	2.30	0.86	0.39	12.2
AVG.	2.6	5.1					0.38	0.39	0.13	3.83

PINEY CREEK WATERSHED WEIR NUMBER PY-902 Strip mine on unnamed tributary to Poe Run northwest of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-27-75	4	4.0	32	0	0.3	190	0	1.54	0.01	9.12
11-26-75	6	3.8	36	0	0.3	140	0	2.59	0.02	10.1
12-16-75	NO SAMPLE AVAILABLE - FROZEN									
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-23-76	22	3.8	32	0	1.7	195	0	8.45	0.45	51
03-24-76	6	4.2	30	2	0.1	140	0.14	2.16	0.007	10.1
04-28-76	4	4.0	30	0	0.3	173	0	1.44	0.01	8.30
05-26-76	2	3.9	68	0	0.4	210	0	1.63	0.01	5.04
06-24-76	2	3.9	58	0	3.9	173	0	1.39	0.09	4.15
07-26-76	2	3.6	38	0	0.7	128	0	0.91	0.02	3.07
08-26-76	6	3.9	72	0	0.7	180	0	5.18	0.05	13.0
09-28-76	2	3.7	68	0	4.4	155	0	1.63	0.11	3.72
MIN.	2	3.6	30	0	0.1	128	0	0.91	0.007	3.07
MAX.	22	4.2	72	2	4.4	210	0.14	8.45	0.45	51
AVG.	5.6	3.5					0.01	2.69	0.08	11.8

PINEY CREEK WATERSHED WEIR NUMBER PY-904 Runoff on unnamed tributary to Poe Run west of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	6	4.8	64	9	0.2	275	0.65	4.61	0.01	19.8
11-26-75	4	4.6	68	8	0.1	312	0.38	3.26	0.005	15.0
12-22-75	6	5.0	84	10	0.15	260	0.72	6.05	0.01	18.7
01-14-76	NO SAMPLE AVAILABLE - FROZEN									
02-23-76	12	4.0	46	0	0.7	250	0	6.62	0.10	36.0
03-24-76	6	4.4	54	6	0.1	225	0.43	3.89	0.007	16.2
04-28-76	6	4.7	36	4	0.2	245	0.29	2.59	0.01	17.6
05-26-76	2	6.4	70	22	0.2	348	0.53	1.68	0.005	8.35
06-24-76	2	6.3	52	18	0.2	230	0.43	1.25	0.005	5.52
07-26-76	2	5.9	40	30	0.15	238	0.72	0.96	0.004	5.71
08-26-76	1	6.0	32	28	0.1	263	0.34	0.38	0.001	3.16
09-28-76	9	5.7	8	22	0.3	75	2.38	0.86	0.03	8.10
MIN.	1	4.0	8	4	0.1	75	0.29	0.38	0.001	3.16
MAX.	12	6.4	84	30	0.15	348	2.38	6.62	0.10	36.0
AVG.	5.1	5.2					0.62	2.93	0.02	14.0

PINEY CREEK WATERSHED WEIR NUMBER PY-905 Strip mine on unnamed tributary to Poe Run west of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	12	4.1	48	2	0.9	350	0.29	6.91	0.13	50
11-26-75	12	4.0	44	0	0.8	275	0	6.34	0.12	39.6
12-22-75	6	4.3	76	4	0.9	175	0.29	5.47	0.06	12.6
01-20-76	6	4.0	56	0	0.6	425	0	4.03	0.04	30.6
02-23-76	70	3.9	54	0	0.5	210	0	45.4	0.42	176
03-24-76	22	4.2	54	2	0.5	200	0.53	14.3	0.13	53
04-28-76	50	4.2	32	0	0.6	148	0	19.2	0.36	89
05-26-76	12	3.9	82	0	0.8	238	0	11.8	0.12	34.3
06-24-76	6	5.7	40	14	0.5	140	1.01	2.88	0.04	10.1
07-26-76	6	5.7	28	26	0.5	193	1.87	2.02	0.04	13.9
08-26-76	6	6.0	40	18	1.0	238	1.30	2.88	0.07	17.1
09-28-76	22	6.2	6	22	0.4	75	5.81	1.58	0.11	19.8
MIN.	6	3.9	6	0	0.4	75	0	1.58	0.04	10.1
MAX.	70	6.2	82	26	1.0	425	1.87	45.4	0.42	176
AVG.	19	4.7					0.93	10.3	0.14	45.5

PINEY CREEK WATERSHED WEIR NUMBER PY-906 Strip mine on unnamed tributary to Poe Run north of Crates.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-30-75	6	2.9	580	0	72.5	800	0	41.8	5.22	58
11-26-75	2	3.0	328	0	45.0	525	0	7.87	1.08	12.6
12-22-75	12	3.3	252	0	50.0	400	0	36.3	7.20	58
01-22-76	22	2.5	434	0	73.4	825	0	115	19.4	218
02-23-76	50	2.6	640	0	146	1750	0	384	87.6	1050
03-24-76	34	3.1	264	0	37.5	700	0	108	15.3	286
04-28-76	22	3.0	208	0	23.2	638	0	55	6.12	168
05-26-76	17	2.8	316	0	28.7	662	0	64	5.85	135
06-24-76	17	2.8	278	0	27.3	383	0	57	5.57	78
07-26-76	17	2.7	404	0	42.0	700	0	82	8.57	143
08-26-76	12	4.0	84	0	3.6	210	0	12.1	0.52	30.2
09-28-76	4	4.2	70	2	4.2	210	0.10	3.36	0.20	10.1
MIN.	4	2.5	70	0	3.6	210	0	3.36	0.20	10.1
MAX.	50	4.2	640	2	146	1750	0.10	384	87.6	1050
AVG.	18	3.1					0.008	81	13.6	187

PINEY CREEK WATERSHED WEIR NUMBER PY-1000 Old gas well on unnamed tributary to Brush Run northwest of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76	193	3.4	192	0	38.2	963	0	445	88	2230
02-23-76	68	3.6	164	0	30.5	375	0	134	24.9	306
03-18-76	68	3.7	210	0	38.2	1250	0	171	31.2	1020
04-27-76	90	4.3	254	4	53.7	988	4.32	274	58	1067
05-19-76	108	4.1	304	0	57.5	963	0	394	75	1248
06-15-76	68	3.6	300	0	75.3	1275	0	245	61	1040
07-19-76	65	3.7	252	0	64.0	1263	0	197	50	985
08-23-76	108	3.6	268	0	67.2	1050	0	347	87	1361
09-20-76	108	3.5	180	0	70.6	1175	0	233	92	1523
MIN.	65	3.4	164	0	30.5	375	0	134	24.9	306
MAX.	193	4.3	304	4	75.3	1275	4.32	445	92	2230
AVG.	97	3.7					0.48	271	63	1198

PINEY CREEK WATERSHED WEIR NUMBER PY-1001 Strip mine on unnamed tributary to Brush Run northwest of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-22-76			NO SAMPLE AVAILABLE - FROZEN							
02-23-76	34	3.5	332	0	27.2	1250	0	135	11.1	510
03-18-76	2	3.5	200	0	17.5	1275	0	4.80	0.42	30.6
04-27-76	2	3.4	230	0	4.3	700	0	5.52	0.10	16.8
05-19-76	1	3.3	354	0	4.3	1125	0	4.25	0.05	13.5
06-15-76	1	2.8	326	0	5.0	863	0	3.91	0.06	10.4
07-19-76	1	3.2	328	0	2.2	763	0	3.94	0.03	9.16
08-23-76	1	3.2	288	0	4.6	1088	0	3.46	0.06	13.1
09-21-76	2	2.5	124	0	2.1	298	0	2.98	0.05	7.15
MIN.	1	2.5	124	0	2.1	298	0	2.98	0.03	7.15
MAX.	34	3.5	354	0	27.2	1275	0	135	11.1	510
AVG.	5.5	3.2					0	20.5	1.49	76

PINEY CREEK WATERSHED WEIR NUMBER PY-1002 Strip mine on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-27-76	2	3.5	200	0	23.0	800	0	4.80	0.55	19.2
03-18-76	9	3.5	160	0	4.8	1100	0	17.3	0.52	119
04-21-76	6	3.3	146	0	2.7	640	0	10.5	0.19	46.1
05-19-76	4	3.2	230	0	3.6	600	0	11.0	0.17	28.8
06-16-76	4	2.8	200	0	3.8	700	0	9.60	0.18	33.6
07-16-76	6	3.5	552	0	3.7	525	0	39.7	0.27	37.8
08-17-76	9	3.5	204	0	4.0	1175	0	22.0	0.43	127
09-16-76	4	3.2	208	0	3.7	500	0	9.98	0.18	24.0
MIN.	2	2.8	146	0	2.7	500	0	4.80	0.17	19.2
MAX.	9	3.5	552	0	23.0	1100	0	39.7	0.55	119
AVG.	5.5	3.3					0	15.6	0.31	54

PINEY CREEK WATERSHED WEIR NUMBER PY-1003 Strip mine on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-27-76	1	3.5	200	0	26.0	800	0	2.40	0.31	9.60
03-18-76	6	3.5	160	0	9.7	1025	0	11.5	0.70	74
04-21-76	6	3.3	152	0	7.3	615	0	10.9	0.53	44.3
05-19-76	4	3.3	224	0	9.2	638	0	10.8	0.44	30.6
06-16-76	4	2.8	192	0	6.0	638	0	9.22	0.29	30.6
07-16-76	4	3.4	154	0	6.5	438	0	7.39	0.31	21.0
08-17-76	6	3.3	244	0	8.2	813	0	17.6	0.59	59
09-16-76	4	3.1	198	0	6.8	450	0	9.50	0.33	21.6
MIN.	1	2.8	152	0	6.0	438	0	2.40	0.29	9.60
MAX.	6	3.5	244	0	26.0	1025	0	11.5	0.70	74
AVG.	4.4	3.3					0	9.91	0.44	36.3

PINEY CREEK WATERSHED WEIR NUMBER PY-1004 Deep mine on unnamed tributary to Brush Run southeast of Strattanville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-27-75	2	3.0	220	0	30.0	750	0	5.28	0.72	18.0
03-18-76	2	3.5	174	0	4.3	1100	0	4.18	0.10	26.4
04-21-76	2	3.3	164	0	3.5	880	0	3.94	0.08	21.1
05-19-76	2	3.4	226	0	5.2	700	0	5.42	0.12	16.8
06-16-76	2	2.8	210	0	4.2	638	0	5.04	0.10	15.3
07-16-76	2	3.4	175	0	7.9	563	0	4.22	0.19	13.5
08-17-76	4	3.3	234	0	4.6	1000	0	11.2	0.22	48.0
09-16-76	2	3.1	206	0	26.5	500	0	4.94	0.64	12.0
MIN.	2	2.8	164	0	3.5	500	0	3.94	0.08	12.0
MAX.	4	3.5	234	0	30.0	1100	0	11.2	0.72	48.0
AVG.	2.3	3.2					0	5.53	0.27	21.4

PINEY CREEK WATERSHED WEIR NUMBER PY-1005 Spring discharge to Brush Run east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-18-76	2	7.7	4	16	2.6	225	0.38	0.10	0.06	5.40
04-23-76	2	5.8	4	14	7.6	113	0.34	0.10	0.18	2.71
05-21-76	1	6.0	6	14	7.1	155	0.17	0.07	0.09	1.86
06-17-76	1	5.7	46	18	9.4	218	0.22	0.55	0.11	2.62
07-19-76	2	5.9	20	20	7.0	175	0.48	0.48	0.17	4.20
08-23-76	1	5.9	36	44	6.1	155	0.53	0.43	0.07	1.86
09-15-76	1	5.6	52	22	8.2	145	0.24	0.62	0.10	1.74
MIN.	1	5.6	4	14	2.6	113	0.17	0.07	0.06	1.74
MAX.	2	7.7	46	44	9.4	225	0.53	0.62	0.18	5.40
AVG.	1.4	6.1					0.34	0.34	0.11	2.91

PINEY CREEK WATERSHED WEIR NUMBER PY-1006 Spring on Brush Run east of Williamsburg.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-18-76	2	8.0	2	26	35.2	255	0.62	0.05	0.84	6.12
04-23-76	2	6.1	4	16	40.0	120	0.38	0.10	0.96	2.88
05-21-76	1	5.9	8	18	27.5	160	0.22	0.10	0.33	1.92
06-17-76	2	5.7	34	14	7.5	165	0.34	0.82	0.18	3.96
07-19-76	1	6.0	20	18	8.8	175	0.22	0.24	0.11	2.10
08-24-76	1	5.5	28	88	8.6	210	1.06	0.34	0.10	2.52
09-15-76	1	5.7	50	32	8.2	170	0.38	0.60	0.10	2.04
MIN.	1	5.5	2	14	7.5	120	0.22	0.05	0.10	1.92
MAX.	2	8.0	50	88	40.0	255	1.06	0.82	0.96	6.12
AVG.	1.4	6.1					0.46	0.05	0.37	3.08

PINEY CREEK WATERSHED WEIR NUMBER PY-1007 Spring discharge to Brush Run east of Williamsburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-18-76	6	7.9	4	24	13.8	255	1.73	0.29	0.99	18.4
04-23-76	2	5.9	4	16	67.5	120	0.38	0.10	1.62	2.88
05-24-76	2	5.8	20	20	6.7	165	0.48	0.48	0.16	3.96
06-17-76	2	5.8	30	32	13.8	255	0.77	0.72	0.33	6.12
07-19-76	1	5.8	16	22	7.3	193	0.26	0.19	0.09	2.32
08-24-76	1	5.7	68	36	6.4	245	0.43	0.82	0.08	2.94
09-15-76	1	5.8	50	36	8.2	200	0.43	0.60	0.10	2.40
MIN.	1	5.7	4	16	6.4	120	0.26	0.10	0.08	2.32
MAX.	6	7.9	68	36	67.5	255	1.73	0.82	1.62	18.4
AVG.	2.1	6.1					0.64	0.46	0.48	5.57

PINEY CREEK WATERSHED WEIR NUMBER PY-1008 Seepage on unnamed tributary to Brush Run northwest of Waterson.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-27-76	694	3.8	146	0	1.3	413	0	1216	10.8	3439
05-19-76	70	3.4	232	0	2.5	775	0	195	2.10	651
06-16-76	6	2.9	356	0	3.5	925	0	25.6	0.25	67
07-16-76	34	3.6	18	0	2.7	350	0	7.34	1.10	143
08-18-76	82	3.8	232	0	2.1	900	0	228	2.17	886
09-16-76	34	4.0	156	0	2.4	600	0	64	0.98	245
MIN.	6	2.9	18	0	1.3	350	0	7.34	0.25	67
MAX.	694	4.0	356	0	3.5	925	0	1216	10.8	3439
AVG.	153	3.6					0	289	2.90	905

PINEY CREEK WATERSHED WEIR NUMBER PY-1009 Strip mine on unnamed tributary to Brush Run east of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-22-76	12	3.3	118	0	6.5	600	0	17.0	0.94	86
04-27-76	42	4.4	106	2	0.6	300	1.01	53	0.30	151
05-25-76	2	3.9	170	0	14.0	663	0	4.08	0.34	15.9
06-15-76	4	4.0	134	0	4.2	300	0	6.43	0.20	14.4
07-20-76	2	3.9	76	0	4.6	350	0	1.82	0.11	8.40
08-18-76	9	4.8	142	18	3.0	500	1.94	15.3	0.32	54
09-23-76	1	4.2	158	0	4.3	1713	0	1.90	0.05	20.6
MIN.	1	3.3	76	0	0.6	300	0	1.82	0.05	8.40
MAX.	42	4.8	170	18	14.0	1713	1.94	17.0	0.94	151
AVG.	10	4.1					0.42	14.3	0.32	50

PINEY CREEK WATERSHED WEIR NUMBER PY-1010 Deep mine on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-22-76	9	5.6	8	12	0.6	95	1.30	0.86	0.06	10.3
05-25-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
06-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	5.6	8	12	0.6	95	0	0	0	0
MAX.	9	5.6	8	12	0.6	95	1.30	0.86	0.06	10.3
AVG.	1.5	5.6					0.22	0.14	0.01	1.72

PINEY CREEK WATERSHED WEIR NUMBER PY-1011 Deep mine stripped on unnamed tributary to Brush Run north of Mechanicsville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-22-76	6	4.7	36	20	9.2	380	1.44	2.59	0.66	27.4
05-25-76	NO SAMPLE AVAILABLE - LOST		-	-	-	-	-	-	-	-
06-21-76	4	3.4	158	0	6.5	575	0	7.58	0.31	27.6
07-22-76	1	3.6	130	0	77.5	193	0	1.56	0.93	2.32
08-20-76	2	4.4	86	12	23.5	695	0.29	2.06	0.56	16.7
09-17-76	1	5.3	14	32	16	400	0.38	0.17	0.19	4.80
MIN.	1	3.4	14	0	16	193	0	0.17	0.19	2.32
MAX.	6	5.3	158	32	77.5	695	1.44	7.58	0.93	27.6
AVG.	2.8	4.3					0.42	2.79	0.53	15.7

PINEY CREEK WATERSHED WEIR NUMBER PY-1012 Strip mine on Brush Run southeast of Stone House.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-27-76	2	6.1	14	34	2.7	155	0.82	0.33	0.06	3.72
05-20-76	2	5.9	12	20	1.3	160	0.48	0.29	0.03	3.84
06-15-76	1	6.0	62	84	5.8	255	1.01	0.74	0.07	3.06
07-19-76	2	7.3	30	212	3.3	123	5.09	0.72	0.08	2.95
08-24-76	1	6.2	18	46	1.8	48	0.55	0.22	0.02	0.58
09-21-76	2	5.2	8	38	4.0	90	0.91	0.19	0.10	2.16
MIN.	1	5.2	8	20	1.3	48	0.48	0.19	0.02	0.58
MAX.	2	7.3	62	212	5.8	255	5.09	0.74	0.10	3.84
AVG.	1.7	6.1					1.48	0.42	0.06	2.72

PINEY CREEK WATERSHED WEIR NUMBER PY-1013 Strip mine on Brush Run southeast of Stone House.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-27-76	2	6.4	14	12	0.8	173	0.29	0.34	0.02	4.15
05-19-76	1	4.4	54	0	0.08	120	0	0.65	0.001	1.44
06-15-76	2	6.2	34	16	0.3	173	0.38	0.82	0.007	4.15
07-15-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-24-76	1	6.7	20	32	0.5	135	0.38	0.24	0.006	1.62
09-20-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	0	4.4	14	0	0.08	120	0	0	0	0
MAX.	2	6.7	54	32	0.8	173	0.38	0.82	0.02	4.15
AVG.	1	5.9					0.18	0.34	0.006	1.89

PINEY CREEK WATERSHED WEIR NUMBER PY-1014 Deep mine on unnamed tributary to Brush Run west of Mechanicsville.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
06-21-76	6	2.7	358	0	20.0	775	0	25.8	1.44	56
07-22-76	6	3.0	188	0	37.5	738	0	13.5	2.70	53.1
08-20-76	12	3.1	230	0	21.8	1150	0	33.1	3.14	166
09-17-76	6	2.5	146	0	39	600	0	10.5	2.81	43.2
MIN.	6	2.5	146	0	20.0	600	0	10.5	1.44	43.2
MAX.	12	3.1	358	0	39	1150	0	33.1	3.14	166
AVG.	7.5	2.8					0	20.7	2.52	80

PINEY CREEK WATERSHED WEIR NUMBER PY-1015 Strip mine on Brush Run south of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-23-76	2	4.6	16	8	0.2	300	0.19	0.38	0.005	7.20
05-21-76	1	4.1	36	0	0.4	863	0	0.43	0.005	10.4
06-18-76	1	4.3	80	8	0.1	308	0.10	0.96	0.001	3.70
07-19-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-16-76	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
09-22-76	2	5.6	80	116	0.4	450	2.78	1.92	0.01	10.8
MIN.	0	4.1	16	8	0.1	300	0	0	0	0
MAX.	2	5.6	80	116	0.4	863	2.78	1.92	0.01	10.8
AVG.	1	4.6					0.51	0.62	0.004	5.35

PINEY CREEK WATERSHED WEIR NUMBER PY-1016 Strip mine on Brush Run south of Rehoboth Church.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-23-76	34	3.2	204	0	7.7	863	0	83	3.14	352
05-21-76	22	3.0	280	0	15.0	1050	0	74	3.96	277
06-18-76	17	2.7	444	0	12.0	963	0	91	2.45	196
07-22-76	17	2.5	382	0	6.9	988	0	78	1.82	202
08-25-76	22	2.8	344	0	11.2	1225	0	91	2.96	323
09-22-76	22	3.4	288	0	17	1350	0	76	4.49	356
MIN.	17	2.5	204	0	7.7	863	0	74	1.82	196
MAX.	34	3.4	444	0	15.0	1350	0	91	4.49	356
AVG.	22	2.9					0	82	3.14	284

PINEY CREEK WATERSHED WEIR NUMBER PY-1017 Strip mine on Brush Run south of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-23-76	2	3.1	154	0	7.3	863	0	3.70	0.18	20.7
05-21-76	2	3.1	194	0	16.3	963	0	4.66	0.39	23.1
06-21-76	2	2.8	270	0	33.7	1088	0	6.48	0.81	26.1
07-22-76	2	2.6	238	0	20.0	825	0	5.71	0.48	19.8
08-25-76	2	2.8	228	0	11.5	1000	0	5.47	0.28	24.0
09-23-76	2	3.0	238	0	16.0	1138	0	5.71	0.38	27.3
MIN.	2	2.6	154	0	7.3	825	0	3.70	0.18	19.8
MAX.	2	3.1	270	0	33.7	1138	0	6.48	0.81	27.3
AVG.	2	2.9					0	5.29	0.42	23.5

PINEY CREEK WATERSHED WEIR NUMBER PY-1018 Strip mine on Brush Run south of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-23-76	2	3.1	130	0	5.0	700	0	3.12	0.12	16.8
05-21-76	2	3.1	158	0	5.8	1050	0	3.79	0.14	25.2
06-18-76	2	2.8	238	0	7.3	1188	0	5.71	0.18	28.5
07-22-76	2	2.6	186	0	5.1	962	0	4.46	0.12	23.1
08-25-76	1	2.8	198	0	5.0	1050	0	2.32	0.06	12.6
09-23-76	2	3.2	178	0	5.9	725	0	4.27	0.14	17.4
MIN.	1	2.6	130	0	5.0	700	0	2.32	0.06	12.6
MAX.	2	3.2	238	0	7.3	1188	0	5.71	0.18	28.5
AVG.	1.8	2.9					0	3.95	0.13	20.6

PINEY CREEK WATERSHED WEIR NUMBER PY-1019 Strip mine on Brush Run south of Rehoboth Church.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-23-76	12	3.0	172	0	8.2	963	0	24.8	1.18	139
05-21-76	9	3.2	170	0	27.5	1125	0	18.4	2.97	122
06-18-76	9	2.8	252	0	16.7	1150	0	27.2	1.80	124
07-22-76	9	2.6	238	0	7.7	925	0	25.7	0.83	100
08-25-76	6	2.7	214	0	7.7	813	0	15.4	0.55	59
09-23-76	9	3.5	256	0	15.0	1088	0	27.7	1.62	118
MIN.	6	2.6	170	0	7.7	813	0	18.4	0.55	59
MAX.	12	3.5	256	0	27.5	1150	0	27.7	2.97	139
AVG.	9	3.0					0	23.2	1.49	110