

APPENDIX A
CHEMICAL ANALYSIS AND FLOW DATA
SOURCE SAMPLING

*Denotes questionable chemical analysis on the following pages,
not included in data averaging.

DEER CREEK WATERSHED WEIR NUMBER DC-1 Strip Mine on unnamed tributary to Deer Creek south of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73				0	0	0	0	0	0	0
10-15-73				0	0	0	0	0	0	0
11-15-73				0	0	0	0	0	0	0
12-17-73				0	0	0	0	0	0	0
01-14-74				0	0	0	0	0	0	0
02-11-74				0	0	0	0	0	0	0
03-12-74	9	2.9	600	0	3.0	175	0	65	0.30	19
04-15-74	1	3.0	280	0	7.0	350	0	3.4	0.10	4.2
05-17-74				0	0	0	0	0	0	0
06-17-74				0	0	0	0	0	0	0
07-15-74				0	0	0	0	0	0	0
08-13-74				0	0	0	0	0	0	0
MIN.	1	2.9	280	0	3.0	175	0	3.4	0.10	4.2
MAX.	9	3.0	600	0	7.0	350	0	65	0.30	19
AVG.	5.0						0	34	0.20	12

DEER CREEK WATERSHED WEIR NUMBER DC-2 Spring on Deer Creek just south of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73				0	0	0	0	0	0	0
10-15-73	2	4.5	11	0	0.10	19	0	0.30	0.002	0.50
11-15-73	2	4.6	11	0	0.10	53	0	0.30	0.002	1.3
12-17-73	6	3.9	14	0	0.15	20	0	1.0	0.01	1.4
01-14-74	2	4.5	12	0	0	37	0	0.30	0	0.90
02-11-74	4	4.5	8	0	0	20	0	0.40	0	1.0
03-12-74	17	4.5	10	0	0.15	35	0	2.0	0.03	7.1
04-15-74	12	4.5	8	0	0	150	0	1.2	0	22
05-17-74	6	4.3	12	0	0.10	175	0	0.90	0.007	13
06-17-74				0	0	0	0	0	0	0
07-15-74				0	0	0	0	0	0	0
08-13-74				0	0	0	0	0	0	0
MIN.	2	3.9	8	0	0	19	0	0.30	0	0.50
MAX.	17	4.6	14	0	0.15	175	0	2.0	0.03	22
AVG.	6.4						0	0.80	0.006	5.9

DEER CREEK WATERSHED WEIR NUMBER DC-3 Road cut and strip mine on I-80 near Deer Creek.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	12	2.9	460	0	3.6	970	0	66	0.50	140
10-15-73	22	3.0	480	0	13	1100	0	127	3.4	290
11-15-73	12	3.0	410	0	10	1000	0	59	1.4	144
12-17-73	22	2.8	364	0	12	525	0	96	3.0	139
01-14-74	17	3.2	432	0	11	950	0	88	2.2	194
02-11-74	34	3.1	434	0	22	500	0	177	8.9	204
*03-12-74	156	3.1	600	0	15	225	0	1123	29	421
04-15-74	123	3.2	214	0	13	275	0	316	19	406
05-17-74	94	3.0	360	0	13	675	0	406	15	761
06-13-74	6	2.9	540	0	5.7	725	0	39	0.40	52
*07-15-74	12	2.6	1100	0	6.2	850	0	158	0.90	122
08-13-74	2	2.8	500	0	3.2	1175	0	12	0.10	28
MIN.	2	2.8	214	0	3.2	275	0	12	0.10	28
MAX.	123	3.2	540	0	22	1175	0	406	19	761
AVG.	34						0	139	5.4	236

DEER CREEK WATERSHED WEIR NUMBER DC-4 Spring on Deer Creek just north of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	1	3.5	220	0	1.9	470	0	2.6	0.02	5.6
10-15-73	6	3.7	160	0	0.90	380	0	12	0.10	27
11-15-73	6	3.8	70	0	0.40	210	0	5.0	0.02	15
12-17-73	12	3.6	32	0	0.15	85	0	4.6	0.02	12
01-14-74	2	4.0	50	0	0.15	76	0	1.2	0.004	4.2
02-11-74	2	4.0	14	0	0.15	130	0	0.30	0.004	3.1
*03-12-74	22	4.1	300	0	0.15	175	0	79	0.04	46
04-15-74	12	4.1	18	0	2.0	150	0	2.6	0.30	22
05-17-74	9	4.0	12	0	0.10	150	0	1.3	0.01	16
06-13-74	2	3.8	50	0	0.10	100	0	1.2	0.002	2.4
07-15-74	1	3.4	84	0	0.70	150	0	1.0	0.008	1.8
08-13-74	1	3.4	60	0	0.80	300	0	0.70	0.01	3.6
MIN.	1	3.4	12	0	0.10	76	0	0.30	0.002	1.8
MAX.	12	4.1	220	0	1.9	470	0	12	0.30	27
AVG.	4.9						0	3.0	0.05	10

DEER CREEK WATERSHED WEIR NUMBER DC-5 Strip mine on unnamed tributary to Deer Creek just north of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-15-73	2	4.7	7	0	0.10	14	0	0.20	0.002	0.30
11-15-73	6	4.7	8	0	0.10	12	0	0.60	0.007	0.90
12-17-73	17	4.1	4	0	0	18	0	0.80	0.00	3.7
01-14-74	NO SAMPLE AVAILABLE - BROKEN IN TRANSIT			0	0	0	0	0	0	0
02-11-74	6	4.5	4	0	0	19	0	0.30	0.00	1.4
*03-12-74	17	4.5	200	0	0.15	100	0	41	0.03	20
04-15-74	22	4.6	4	2	1.0	17	0.50	1.1	0.30	4.5
05-17-74	12	4.2	6	0	0.10	175	0	0.90	0.01	25
*06-18-74	1	2.8	40	0	0	200	0	0.50	0.00	2.4
07-15-74	1	4.1	22	0	0.80	150	0	0.30	0.01	1.8
08-13-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	4.1	4	0	0	12	0	0.20	0	0.3
MAX.	22	4.7	22	2	1.0	175	0.50	1.1	0.30	25
AVG.	9.4						0.07	0.60	0.05	5.4

DEER CREEK WATERSHED WEIR NUMBER DC-6 Deep mine (stripped) on unnamed tributary to Deer Creek just north of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-17-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-74	1	3.4	32	0	0.59	80	0	0.40	0.007	1.0
02-11-74	2	3.4	54	0	0.44	70	0	1.3	0.01	1.7
*03-12-74	6	3.5	200	0	0.44	200	0	14	0.03	14
04-15-74	12	3.6	38	0	1.0	150	0	5.5	0.10	22
05-17-74	12	3.4	32	0	0.20	175	0	4.6	0.30	25
06-17-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	3.4	32	0	0.20	70	0	0.40	0.007	1.0
MAX.	12	3.6	54	0	1.0	175	0	5.5	0.30	25
AVG.	6.5						0	3.0	0.11	12

DEER CREEK WATERSHED WEIR NUMBER DC-7 Strip mine on unnamed tributary to Deer Creek just north of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	12	2.9	230	0	11	610	0	33	1.6	88
10-15-73	34	3.3	150	0	3.1	470	0	61	1.3	192
11-15-73	34	3.3	150	0	5.5	500	0	61	2.2	204
12-17-73	34	3.1	114	0	4.4	345	0	47	1.8	141
01-14-74	34	3.3	144	0	6.4	455	0	59	2.6	186
02-11-74	50	3.4	170	0	6.9	425	0	102	4.1	255
03-12-74	284	3.5	100	0	2.5	275	0	341	8.6	937
04-15-74	193	3.6	88	0	2.0	200	0	204	4.6	463
05-16-74	94	3.4	92	0	2.2	150	0	104	2.5	169
06-18-74	28	2.9	160	0	7.1	400	0	54	2.4	134
*07-15-74	50	2.8	1900	0	13	450	0	1140	7.6	270
08-13-74	22	2.8	400	0	13	600	0	106	3.4	158
MIN.	12	2.8	88	0	2.0	150	0	33	1.3	88
MAX.	284	3.6	400	0	13	610	0	341	8.6	937
AVG.	74						0	107	3.2	266

DEER CREEK WATERSHED WEIR NUMBER DC-8 Strip mine on unnamed tributary to Deer Creek just north of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-15-73	4	3.8	70	0	0.30	330	0	3.4	0.01	16
12-17-73	22	3.5	68	0	0.44	235	0	18	0.10	62
01-14-74	22	3.8	92	0	0.44	325	0	24	0.10	86
02-11-74	17	3.7	106	0	1.1	370	0	22	0.20	76
*03-12-74	108	3.6	200	0	1.5	175	0	259	2.0	227
04-15-74	123	3.4	72	0	4.0	150	0	106	5.9	221
05-16-74	42	3.4	88	0	1.0	150	0	44	0.50	76
06-13-74	2	3.4	96	0	1.5	350	0	2.3	0.04	8.4
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-13-74	1	3.3	80	0	1.4	300	0	1.0	0.02	3.6
MIN.	1	3.3	68	0	0.30	150	0	1.0	0.01	3.6
MAX.	123	3.8	106	0	4.0	370	0	106	5.9	221
AVG.	29						0	28	0.86	69

DEER CREEK WATERSHED WEIR NUMBER DC-9 Strip mine on unnamed tributary to Deer Creek south of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
10-15-73	1	2.8	390	0	13	610	0	4.7	0.20	7.3
11-15-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-17-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-74	34	2.7	700	0	29	975	0	286	12	398
*02-11-74	2	2.9	696	0	50	575	0	17	1.2	14
03-12-74	1	2.9	300	0	29	475	0	3.6	0.30	5.7
*04-15-74	1	2.6	960	0	149	725	0	12	1.8	8.7
05-15-74	6	2.8	900	0	39	1075	0	65	2.8	77
06-17-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-13-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	1	2.7	300	0	13	475	0	3.6	0.20	5.7
MAX.	34	2.9	900	0	39	1075	0	286	12	398
AVG.	11						0	90	3.8	122

DEER CREEK WATERSHED WEIR NUMBER DC-10 Strip mine on unnamed tributary to Deer Creek south of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
10-15-73	2	2.9	690	0	11	980	0	17	0.30	24
11-15-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-17-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
*01-14-74	6	5.2	4	4	10	40	0.30	0.30	0.70	2.9
02-11-74	1	3.4	514	0	9.2	325	0	6.2	0.10	3.9
03-12-74	1	2.7	800	0	77	850	0	9.6	0.92	10
*04-15-74	1	2.6	980	0	160	900	0	12	1.9	11
05-15-74	1	3.2	152	0	5.9	600	0	1.8	0.10	7.2
06-17-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-13-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	1	2.7	152	0	5.7	325	0	1.8	0.10	3.9
MAX.	2	3.4	800	0	77	980	0	17	0.92	24
AVG.	1.3						0	8.7	0.36	11

DEER CREEK WATERSHED WEIR NUMBER DC-11 Strip mine on unnamed tributary to Paint Creek south of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	2	3.2	140	0	2.1	230	0	3.4	0.10	5.5
10-15-73	2	3.9	28	0	0.30	120	0	0.70	0.007	2.9
11-15-73	2	3.9	26	0	0.10	110	0	0.60	0.002	2.6
12-17-73	12	3.8	20	0	0.15	65	0	2.9	0.02	9.4
01-14-74	2	3.7	14	0	0.15	70	0	0.30	0.004	1.7
02-11-74	12	3.9	24	0	0.15	80	0	3.5	0.02	12
*03-12-74	28	4.3	200	0	0.15	175	0	67	0.05	59
04-15-74	17	4.0	14	0	1.0	70	0	2.9	0.20	14
05-15-74	22	4.2	12	0	0.00	150	0	3.2	0.00	40
06-13-74	2	3.7	30	0	0.10	200	0	0.70	0.002	4.8
07-15-74	2	3.1	32	0	0.90	225	0	0.80	0.02	5.4
08-13-74	2	3.8	30	0	0.80	300	0	0.70	0.02	7.2
MIN.	2	3.1	12	0	0	65	0	0.30	0.002	1.7
MAX.	22	4.2	140	0	2.1	300	0	3.5	0.20	40
AVG.	7.0						0	1.8	0.04	9.6

DEER CREEK WATERSHED WEIR NUMBER DC-12 Strip mine on unnamed tributary to Paint Creek south of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	2	3.7	34	0	0.50	160	0	0.80	0.01	3.8
10-15-73	6	3.4	86	0	1.7	180	0	6.2	0.10	13
11-15-73	6	3.4	61	0	0.60	130	0	4.4	0.04	9.4
12-17-73	6	3.4	46	0	0.44	90	0	3.3	0.03	6.5
01-14-74	2	3.4	42	0	0.29	120	0	1.0	0.007	2.9
02-11-74	22	3.4	84	0	0.44	190	0	22	0.10	50
*03-12-74	22	3.5	200	0	0.89	100	0	53	0.20	26
04-15-74	17	3.4	94	0	1.0	200	0	19	0.20	19
05-15-74	17	3.5	86	0	0.50	175	0	18	0.10	36
06-13-74	4	3.2	110	0	0.80	200	0	5.3	0.04	9.6
*07-15-74	4	3.0	1400	0	1.5	225	0	67	0.10	11
08-13-74	2	3.2	120	0	2.3	300	0	2.9	0.10	7.2
MIN.	2	3.2	34	0	0.29	90	0	0.80	0.007	2.9
MAX.	22	3.7	120	0	2.3	300	0	22	0.20	50
AVG.	8.4						0	83	0.07	16

DEER CREEK WATERSHED WEIR NUMBER DC-13 Strip mine on unnamed tributary to Paint Creek north of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
10-15-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-15-73	1	3.8	110	0	0.90	310	0	1.3	0.01	3.7
12-17-73	2	3.6	152	0	1.5	260	0	3.6	0.04	6.2
01-14-74	1	3.8	140	0	1.8	305	0	1.7	0.02	3.7
02-11-74	6	3.9	120	0	0.60	280	0	8.6	0.04	20
03-12-74	17	3.9	84	0	0.30	100	0	17	0.10	20
04-15-74	28	3.8	118	0	0.30	275	0	40	0.10	92
05-15-74	9	3.8	142	0	0.50	325	0	15	0.10	35
06-13-74	1	3.5	130	0	1.5	225	0	1.6	0.02	2.7
07-15-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-13-74	1	3.4	148	0	1.3	350	0	1.8	0.02	4.2
MIN.	1	3.4	84	0	0.3	100	0	1.3	0.01	2.7
MAX.	28	3.9	152	0	1.8	350	0	40	0.10	92
AVG.	7.3						0	10	0.05	21

DEER CREEK WATERSHED WEIR NUMBER DC-14 Strip mine on unnamed tributary to Paint Creek north of Arthurs.

09-18-73	12	2.6	420	0	18	820	0	61	2.6	118
10-15-73	12	2.8	400	0	21	740	0	58	3.0	107
11-15-73	12	2.9	350	0	22	750	0	50	3.2	108
12-17-73	17	2.9	396	0	27	600	0	81	5.5	122
*01-14-74	12	2.9	1000	0	23	800	0	144	3.3	115
02-11-74	22	3.0	382	0	19	420	0	101	5.0	111
03-12-74	42	3.1	446	0	15	600	0	225	7.6	302
04-15-74	60	2.9	400	0	17	550	0	288	12	396
05-15-74	34	3.0	372	0	11	850	0	152	4.5	347
06-12-74	17	2.8	320	0	11	475	0	65	2.3	97
*07-15-74	8	2.6	1000	0	10	575	0	96	1.0	55
08-13-74	12	2.8	500	0	11	650	0	72	1.6	94
MIN.	12	2.6	320	0	11	420	0	50	1.6	94
MAX.	60	3.1	500	0	27	850	0	288	12	396
AVG.	24						0	115	4.7	180

DEER CREEK WATERSHED WEIR NUMBER DC-15 Strip mine on unnamed tributary to Paint Creek north of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
10-15-73	2	3.9	350	0	0.10	580	0	8.4	0.002	14
11-15-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-17-73	2	3.5	338	0	2.9	350	0	8.1	0.07	8.4
01-14-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
02-11-74	2	3.7	268	0	0.29	425	0	6.4	0.007	10
03-12-74	6	4.0	92	0	0.29	175	0	6.6	0.02	13
04-15-74	2	3.7	412	0	0.50	625	0	9.9	0.01	15
05-15-74	4	3.8	228	0	0.70	375	0	11	0.03	18
06-12-74	2	3.3	334	0	7.2	350	0	8.0	0.20	8.4
*07-15-74	1	3.0	1000	0	5.5	275	0	12	0.10	3.3
08-13-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
MIN.	2	3.3	92	0	0.10	175	0	6.4	0.002	8.4
MAX.	6	4.0	412	0	7.2	625	0	11	0.26	18
AVG.	2.9						0	8.3	0.06	12

DEER CREEK WATERSHED WEIR NUMBER DC-16 Strip mine on unnamed tributary to Paint Creek north of Arthurs.

09-18-73	2	3.5	550	0	0.70	830	0	13	0.02	20
10-15-73	2	3.7	480	0	1.0	760	0	12	0.02	18
11-15-73	2	3.7	430	0	0.20	690	0	10	0.005	17
12-17-73	4	3.4	434	0	0.59	600	0	21	0.03	29
01-14-74	9	3.7	392	0	0.59	475	0	42	0.10	51
02-11-74	2	3.3	570	0	1.1	550	0	14	0.03	13
03-12-74	34	3.4	394	0	3.6	325	0	161	1.5	133
04-15-74	22	3.3	380	0	2.7	450	0	100	0.70	119
05-15-74	28	3.4	376	0	2.5	550	0	126	0.80	185
06-12-74	2	3.5	488	0	3.8	525	0	12	0.10	13
07-15-74	4	3.1	386	0	0.70	600	0	10	0.03	29
08-13-74	2	3.5	420	0	0.30	675	0	10	0.007	16
MIN.	2	3.1	376	0	0.20	325	0	10	0.005	13
MAX.	34	3.7	570	0	3.8	830	0	161	1.5	185
AVG.	9.4						0	44	0.28	54

DEER CREEK WATERSHED WEIR NUMBER DC-17 Strip mine on unnamed tributary to Paint Creek north of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	1	2.6	1500	0	74	4000	0	18	0.90	48
10-15-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
11-15-73	6	2.9	1500	0	68	3400	0	108	4.9	245
12-17-73	NO SAMPLE	AVAILABLE - FROZEN	0	0	0	0	0	0	0	0
01-14-74	2	3.0	1300	0	45	2775	0	31	1.1	67
02-11-74	2	2.9	1850	0	76	2225	0	44	1.8	53
03-12-74	4	3.1	1584	0	47	2200	0	76	2.3	106
04-15-74	2	2.9	1960	0	60	2750	0	47	1.4	66
05-15-74	2	3.8	1820	0	52	3500	0	44	1.2	84
06-13-74	2	2.7	1320	0	55	2450	0	32	1.3	59
07-15-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
08-13-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	1	2.6	1300	0	45	2200	0	18	0.90	48
MAX.	6	3.8	1960	0	76	4000	0	108	4.9	245
AVG.	2.6						0	50	1.9	91

DEER CREEK WATERSHED WEIR NUMBER DC-18 Strip mine on unnamed tributary to Paint Creek north of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	1	2.7	1600	0	69	3000	0	19	0.80	36
10-15-73	2	2.8	1400	0	58	2500	0	34	0.70	60
11-15-73	6	2.8	1500	0	54	2300	0	108	3.9	166
12-17-73	4	2.8	1520	0	26	1550	0	73	1.2	74
01-14-74	NO SAMPLE	AVAILABLE	0	0	0	0	0	0	0	0
02-11-74	12	2.9	1378	0	45	1325	0	198	6.4	191
03-12-74	22	2.9	1100	0	45	1600	0	290	12	422
04-15-74	6	2.8	1380	0	46	1225	0	99	3.3	88
05-15-74	28	2.8	1300	0	50	1850	0	437	17	622
06-12-74	9	2.7	1520	0	26	1650	0	164	2.8	178
07-15-74	4	2.5	2000	0	28	1925	0	96	1.4	92
08-14-74	2	2.8	1600	0	27	1750	0	38	0.70	42
MIN.	1	2.5	1100	0	26	1225	0	19	0.70	36
MAX.	28	2.9	2000	0	69	3000	0	437	17	622
AVG.	8.7						0	141	4.6	179

DEER CREEK WATERSHED WEIR NUMBER DC-19 Strip and deep mine (stripped) on unnamed tributary to Paint Creek north of Arthurs.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	1	3.2	430	0	7.0	750	0	5.2	0.20	9.0
10-15-73	2	3.2	440	0	9.0	720	0	11	0.20	17
11-15-73	2	3.2	320	0	5.7	580	0	7.7	0.10	14
12-17-73	2	2.9	366	0	16	575	0	8.8	0.40	14
*01-14-74	12	3.0	600	0	17	575	0	86	2.4	83
02-11-74	42	2.9	246	0	8.4	355	0	124	4.2	179
03-12-74	22	2.9	200	0	3.6	150	0	53	1.0	40
04-15-74	22	3.0	212	0	12	225	0	56	3.2	59
05-15-74	28	3.0	240	0	11	300	0	81	3.7	101
06-12-74	22	2.9	400	0	17	325	0	106	4.4	86
*07-15-74	2	2.7	900	0	7.8	350	0	22	0.20	8.4
08-14-74	2	3.2	268	0	4.8	475	0	6.4	0.10	11
MIN.	1	2.9	200	0	3.6	150	0	5.2	0.10	8.4
MAX.	42	3.2	440	0	17	750	0	124	4.4	179
AVG.	15						0	46	1.8	53

DEER CREEK WATERSHED WEIR NUMBER DC-20 Deep mine on unnamed tributary to Paint Creek southwest of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	6	2.5	1100	0	380	1600	0	79	27	115
10-15-73	12	2.5	1000	0	380	1600	0	144	55	230
11-15-73	6	2.5	880	0	300	1400	0	63	22	101
12-17-73	12	2.6	640	0	72	900	0	92	10	130
01-14-74	9	2.7	400	0	297	850	0	43	32	92
02-11-74	12	2.7	594	0	209	675	0	86	30	97
03-12-74	94	2.7	300	0	60	325	0	338	68	367
04-15-74	34	2.9	340	0	92	350	0	139	38	143
05-15-74	34	2.7	220	0	107	750	0	90	44	306
06-12-74	22	2.6	900	0	228	925	0	238	60	244
07-15-74	6	2.4	1100	0	282	1200	0	79	20	86
08-13-74	6	2.6	1400	0	286	1525	0	101	21	110
MIN.	6	2.4	220	0	60	325	0	43	10	86
MAX.	94	2.9	1400	0	380	1600	0	338	68	367
AVG.	21						0	124	36	168

DEER CREEK WATERSHED WEIR NUMBER DC-21 Deep mine on unnamed tributary to Paint Creek west of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-17-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-17-73	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
01-14-74	2	2.6	500	0	72	650	0	12	1.7	16
02-11-74	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
*03-12-74	17	2.5	500	0	164	650	0	102	34	133
04-16-74	22	2.5	364	0	79	350	0	96	21	92
05-15-74	42	2.7	400	0	54	575	0	202	27	290
06-12-74	1	2.6	620	0	93	600	0	7.4	1.1	7.2
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	2.5	364	0	54	350	0	7.4	1.1	7.2
MAX.	42	2.7	620	0	93	650	0	202	27	290
AVG.	17						0	79	13	101

DEER CREEK WATERSHED WEIR NUMBER DC-22 Spring on unnamed tributary to Paint Creek west of Lucinda.

*09-18-73	4	3.6	310	0	11	680	0	15	0.50	33
10-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-17-73	4	3.4	122	0	1.4	185	0	5.9	0.10	8.9
01-14-74	6	3.5	154	0	1.7	220	0	11	0.10	16
02-11-74	6	3.3	172	0	1.4	255	0	12	0.10	18
03-12-74	22	3.2	160	0	1.2	175	0	42	0.30	46
04-15-74	17	3.6	106	0	3.0	175	0	22	0.60	36
05-15-74	17	3.4	148	0	1.7	250	0	30	0.30	51
06-12-74	6	3.2	212	0	3.4	275	0	15	0.20	20
*07-15-74	2	2.9	900	0	2.5	300	0	22	0.10	7.2
08-13-74	2	3.3	188	0	3.6	400	0	4.5	0.10	9.6
MIN.	2	3.2	106	0	1.2	175	0	4.5	0.10	8.9
MAX.	22	3.6	212	0	3.6	400	0	42	0.60	51
AVG.	10						0	18	0.23	26

DEER CREEK WATERSHED WEIR NUMBER DC-23 Spring on unnamed tributary to Paint Creek west of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	2	3.4	320	0	4.8	1200	0	7.7	0.10	29
10-15-73	1	3.7	300	0	1.5	1000	0	3.6	0.02	12
11-15-73	4	3.7	180	0	1.3	730	0	8.6	0.10	35
12-17-73	4	3.6	156	0	0.59	525	0	7.5	0.03	25
01-14-74	4	3.9	172	0	0.59	675	0	8.3	0.03	32
02-11-74	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
03-12-74	34	4.2	30	0	0.29	175	0	12	0.10	71
04-15-74	50	3.8	82	0	1.0	200	0	49	0.60	120
05-15-74	34	3.7	116	0	0.20	300	0	47	0.10	122
06-13-74	2	3.4	348	0	3.6	675	0	8.4	0.10	16
07-15-74	2	3.1	306	0	3.0	725	0	7.3	0.10	17
08-13-74	2	3.4	180	0	2.9	875	0	4.3	0.10	21
MIN.	1	3.1	30	0	0.20	175	0	3.6	0.02	12
MAX.	50	4.2	348	0	4.8	1200	0	49	0.60	122
AVG.	13						0	15	0.13	45

DEER CREEK WATERSHED WEIR NUMBER DC-24 Deep mine on unnamed tributary to Paint Creek west of Lucinda.

09-18-73	1	2.6	660	0	120	1200	0	7.9	1.4	14
10-15-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-15-73	12	2.6	470	0	62	740	0	68	8.9	107
12-17-73	22	2.5	680	0	56	1050	0	180	15	277
*01-14-74	50	2.5	1600	0	205	950	0	960	123	570
02-11-74	50	2.6	776	0	144	650	0	466	122	390
03-12-74	338	2.6	500	0	144	800	0	2028	586	3245
04-15-74	50	2.8	420	0	115	450	0	252	69	270
05-15-74	94	2.6	560	0	98	725	0	632	110	818
06-13-74	22	2.5	720	0	94	725	0	190	25	191
07-15-74	6	2.4	900	0	82	850	0	65	5.9	61
*08-13-74	4	2.6	1400	0	64	825	0	67	3.1	40
MIN.	1	2.4	420	0	56	450	0	7.9	1.4	14
MAX.	338	2.8	900	0	144	1050	0	2028	586	3245
AVG.	61						0	432	105	597

DEER CREEK WATERSHED WEIR NUMBER DC-25 Gas well on Licking Creek north of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	6	5.2	140	0	120	910	0	10	8.7	66
10-17-73	6	5.6	150	0	88	920	0	11	6.4	66
11-16-73	12	2.8	110	0	96	880	0	16	14	127
12-17-73	12	2.9	480	0	50	725	0	69	7.2	104
01-14-74	12	3.1	600	0	128	700	0	86	18	101
02-11-74	6	4.5	208	0	134	600	0	15	9.6	43
03-12-74	17	3.1	200	0	106	775	0	41	22	158
04-16-74	17	3.2	160	0	126	550	0	33	26	112
05-17-74	12	3.0	120	0	112	675	0	17	16	97
06-13-74	12	4.3	156	0	100	625	0	23	14	90
*07-15-74	6	2.9	1100	0	99	825	0	79	7.1	59
08-13-74	17	3.7	214	0	92	850	0	44	19	173
MIN.	6	2.8	110	0	50	550	0	10	6.4	43
MAX.	17	5.6	600	0	134	920	0	86	26	173
AVG.	12						0	33	15	103

DEER CREEK WATERSHED WEIR NUMBER DC-26 Deep mine on unnamed tributary to Licking Creek north of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	12	2.5	460	0	49	720	0	66	7.1	104
10-17-73	6	2.7	430	0	62	720	0	31	4.5	52
11-16-73	12	2.6	370	0	62	600	0	53	9.0	86
12-17-73	12	2.7	500	0	51	850	0	72	7.4	122
01-14-74	22	2.6	700	0	235	1175	1	185	62	310
*02-11-74	50	2.7	1018	0	322	875	0	611	193	525
03-12-74	193	2.7	700	0	212	875	0	1621	491	2027
04-16-74	156	2.7	700	0	153	825	0	1310	286	1544
05-15-74	70	2.6	620	0	105	875	0	521	88	735
*06-13-74	17	2.6	1340	0	185	1100	0	273	38	224
07-15-74	12	2.4	900	0	118	975	0	130	17	40
08-13-74	4	2.7	800	0	54	1075	0	38	2.6	52
MIN.	4	2.4	370	0	49	600	0	31	2.6	40
MAX.	193	2.7	900	0	235	1175	0	1621	491	2027
AVG.	50						0	403	97	507

DEER CREEK WATERSHED WEIR NUMBER DC-27 Spring on unnamed tributary to Licking Creek south of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
10-17-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-17-73	12	2.9	240	0	33	350	0	35	4.8	50
01-14-74	12	2.9	600	0	29	650	0	86	4.2	94
02-11-74	6	2.7	362	0	53	575	0	26	3.8	41
03-12-74	94	2.9	400	0	33	525	0	451	37	592
04-16-74	22	3.0	160	0	22	225	0	42	5.8	59
05-15-74	12	2.9	240	0	21	425	0	35	3.0	61
*06-13-74	1	4.9	8	4	0.20	57	0.10	0.20	0.002	1.4
*07-15-74	2	2.6	1000	0	33	575	0	24	0.80	14
*08-12-74	4	5.1	6	4	0.00	225	0.20	0.30	0.00	11
*08-30-74	12	4.0	26	0	0.40	250	0	3.7	0.10	36
MIN.	6	2.7	160	0	21	225	0	26	3.0	41
MAX.	94	3.0	600	0	53	650	0	451	37	592
AVG.	26							113	9.8	150

DEER CREEK WATERSHED WEIR NUMBER DC-28 Gas well on unnamed tributary to Licking Creek northwest of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	2	4.3	9	0	0.50	72		0.20	0.01	1.7
10-17-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-17-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
01-14-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
02-11-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
03-12-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
*04-30-74	2	6.1	2	186	34	196	4.5	0.10	0.80	4.7
05-22-74	6	3.8	20	0	0.20	200	0	1.4	0.01	14
06-19-74	6	3.3	34	0	0.30	150	0	2.4	0.02	11
*07-18-74	6	3.0	400	0	0.30	90	0	29	0.02	6.5
08-15-74	6	3.0	600	0	4.8	350	0	43	0.30	25
MIN.	2	3.3	9	0	0.20	72	0	0.20	0.01	1.7
MAX.	6	4.3	34	0	0.50	200	0	2.4	0.02	14
AVG.	4.7						0	1.3	0.01	8.9

DEER CREEK WATERSHED WEIR NUMBER DC-29 Spring on unnamed tributary to Grolemond Run north of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	2	3.7	60	0	0.50	410	0	1.4	0.01	9.9
10-17-73	2	3.9	56	0	0.80	120	0	1.3	0.02	2.9
11-16-73	12	4.0	50	0	0.40	120	0	7.2	0.10	17
12-17-73	34	3.7	32	0	0.15	60	0	13	0.10	25
01-14-74	12	3.9	52	0	0.15	225	0	7.5	0.02	32
02-11-74	50	3.8	50	0	0.15	85	0	30	0.10	51
03-12-74	17	4.0	20	0	0.15	150	0	4.1	0.03	31
04-16-74	50	4.5	16	0	1.0	45	0	9.6	0.60	27
05-15-74	34	4.1	30	0	0	125	0	12	0	51
06-17-74	12	3.5	64	0	0.30	200	0	9.2	0.04	29
07-16-74	6	3.9	44	0	0.30	275	0	3.2	0.02	20
08-12-74	6	3.3	58	0	0	275	0	4.2	0	20
MIN.	2	3.3	16	0	0	45	0	1.3	0	2.9
MAX.	50	4.5	64	0	1.0	410	0	30	0.10	51
AVG.	20						0	8.6	0.09	26

DEER CREEK WATERSHED WEIR NUMBER DC-30 Gas well on Grolemond Run north of Snydersburg.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	34	3.1	470	0	300	1300	0	192	122	530
10-17-73	34	3.5	480	0	240	1200	0	196	98	490
11-16-73	94	2.6	380	0	240	990	0	429	271	1117
12-17-73	34	2.8	280	0	61	550	0	114	25	224
01-14-74	34	3.1	180	0	225	450	0	73	92	184
02-11-74	50	2.8	362	0	178	375	0	217	107	225
03-12-74	94	2.9	400	0	169	475	0	451	191	536
04-16-74	82	2.8	220	0	133	475	0	217	131	467
05-16-74	50	3.0	120	0	42	250	0	72	25	150
06-13-74	42	2.7	520	0	176	650	0	262	89	328
*07-15-74	42	2.5	2200	0	84	550	0	1109	43	277
08-12-74	42	2.5	900	0	125	950	0	454	63	479
MIN.	34	2.5	120	0	42	250	0	72	25	150
MAX.	94	3.1	900	0	300	1300	0	454	271	1117
AVG.	54						0	243	110	430

DEER CREEK WATERSHED WEIR NUMBER DC-31 Gas well on Grolemond Run north of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73	12	2.7	610	0	270	1500	0	88	39	216
10-17-73	12	2.8	560	0	240	1400	0	81	35	202
11-16-73	22	2.7	440	0	185	1100	0	116	49	290
12-17-73	12	2.8	240	0	61	520	0	35	8.8	75
01-14-74	12	2.8	500	0	200	550	0	72	29	79
02-11-74	22	2.8	334	0	115	750	0	88	31	198
03-12-74	42	3.0	200	0	41	100	0	101	21	50
*04-16-74	50	2.9	80	0	43	180	0	48	26	108
05-16-74	50	3.0	120	0	56	250	0	72	34	150
06-13-74	12	2.6	560	0	130	825	0	81	19	119
07-15-74	12	2.5	900	0	109	850	0	130	16	122
08-12-74	12	2.4	600	0	116	1075	0	86	17	155
MIN.	12	2.4	120	0	41	100	0	35	8.8	75
MAX.	50	3.0	900	0	270	1500	0	130	49	290
AVG.	20						0	86	27	151

DEER CREEK WATERSHED WEIR NUMBER DC-32 Spring on unnamed tributary to Grolemond Run north of Snydersburg.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-18-73				0	0	0	0	0	0	0
10-17-73				0	0	0	0	0	0	0
11-16-73	6	4.3	79	0	0.40	230	0	5.7	0.03	17
*12-17-73	6	2.7	120	0	0.29	150	0	8.7	0.02	11
01-14-74	12	4.1	130	0	0.44	265	0	19	0.10	38
02-11-74	6	3.7	138	0	0.74	340	0	9.9	0.10	25
03-12-74	34	3.4	164	0	3.4	275	0	67	1.4	112
04-16-74	50	3.6	110	0	1.0	275	0	66	0.60	165
05-15-74	34	3.7	104	0	0.70	200	0	42	0.30	82
06-17-74	2	3.5	140	0	2.3	175	0	3.4	0.10	4.2
07-16-74	6	3.8	108	0	1.4	250	0	7.8	0.10	18
08-12-74	2	3.4	120	0	1.4	300	0	2.9	0.03	7.2
MIN.	2	3.4	79	0	0.40	175	0	2.9	0.02	4.2
MAX.	50	4.3	164	0	3.4	340	0	67	1.4	165
AVG.	17						0	25	0.31	52

DEER CREEK WATERSHED WEIR NUMBER DC-33 Spring on Grolemond Run north of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	2	4.2	28	0	0.30	94	0	0.70	0.007	2.3
10-17-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-16-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-17-73	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
01-14-74	2	4.7	12	2	0.15	45	0.10	0.30	0.004	1.1
02-12-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
03-12-74	6	4.5	10	0	0	30	0	0.70	0	2.2
04-16-74	6	4.6	4	2	0	150	0.10	0.30	0	11
05-16-74	22	4.4	4	0	0.10	125	0	0	0.03	33
06-13-74	1	4.2	10	0	0.40	225	0	0.20	0.005	5.4
07-16-74	2	4.4	12	0	0.10	250	0	0.30	0.002	6.0
08-12-74	2	3.9	20	0	1.6	200	0	0.50	0.04	4.8
MIN.	1	3.9	4	0	0	30	0	0.20	0.002	1.1
MAX.	22	4.7	28	2	1.6	250	0.10	0.70	0.04	33
AVG.	5.4						0.03	0.38	0.01	8.2

DEER CREEK WATERSHED WEIR NUMBER DC-34 Spring on Grolemond Run north of Snydersburg.

09-20-73	2	2.7	420	0	190	970	0	10	4.6	23
10-17-73	1	2.9	400	0	98	940	0	4.8	1.2	11
11-16-73	2	2.8	240	0	79	580	0	5.8	1.9	14
12-17-73	2	2.7	120	0	26	225	0	2.9	0.60	5.4
01-14-74	2	3.0	130	0	28	225	0	3.1	0.70	5.4
02-12-74	2	2.9	150	0	42	290	0	3.6	1.0	7.0
03-12-74	6	3.6	42	0	4.4	275	0	3.0	0.30	20
04-16-74	4	3.6	38	0	5.0	150	0	1.8	0.20	7.2
05-15-74	9	3.4	60	0	8.0	275	0	6.5	0.90	30
06-17-74	2	2.6	220	0	93	350	0	5.3	2.2	8.4
07-16-74	2	2.8	280	0	77	575	0	6.7	1.9	14
08-12-74	2	2.5	500	0	95	625	0	12	2.3	15
MIN.	1	2.5	38	0	4.4	150	0	1.8	0.20	5.4
MAX.	9	3.6	500	0	190	970	0	12	4.6	30
AVG.	3.0						0	5.5	1.5	13

DEER CREEK WATERSHED WEIR NUMBER DC-35 Spring on Grolemond Run north of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	4	3.9	60	0	0.30	170	0	2.9	0.10	8.2
10-17-73	6	4.1	46	0	0.30	150	0	3.3	0.10	11
11-16-73	9	4.2	61	0	0.10	160	0	6.6	0.10	17
12-17-73	12	3.6	60	0	0.15	170	0	8.6	0.10	25
01-14-74	17	4.0	70	0	0.15	145	0	14	0.10	30
02-12-74	34	4.0	48	0	0	160	0	20	0.00	65
03-12-74	22	4.1	20	0	0.15	85	0	5.3	0.10	22
04-16-74	28	4.1	46	0	2.0	150	0	16	0.70	50
05-15-74	34	4.2	56	0	0	200	0	23	0	82
06-17-74	6	3.8	50	0	0	150	0	3.6	0	11
07-16-74	12	4.0	62	0	1.2	300	0	8.9	0.20	43
08-12-74	4	3.6	62	0	0	300	0	3.0	0	14
MIN.	4	3.6	20	0	0	85	0	2.9	0	8.2
MAX.	34	4.2	70	0	2.0	300	0	23	0.70	82
AVG.	16						0	9.6	0.13	32

DEER CREEK WATERSHED WEIR NUMBER DC-36 Deep mine on Grolemond Run north of Snydersburg.

09-20-73	4	2.9	660	0	54	2200	0	32	2.6	106
10-17-73	2	3.1	470	0	31	2100	0	11	0.70	50
11-16-73	2	3.0	580	0	51	2300	0	14	1.2	55
12-17-73	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
01-14-74	2	3.1	600	0	29	1800	0	14	0.70	43
02-12-74	4	2.9	878	0	58	1725	0	42	2.8	83
03-12-74	34	2.9	300	0	62	975	0	122	21	398
*04-16-74	22	3.0	1120	0	47	1575	0	296	12	416
05-16-74	17	2.9	850	0	47	1725	0	173	9.6	352
06-14-74	6	2.8	1160	0	57	1600	0	84	4.1	115
07-16-74	6	2.8	1000	0	59	2225	0	72	4.3	160
08-12-74	2	2.8	800	0	44	2200	0	19	1.1	53
MIN.	2	2.8	300	0	29	975	0	11	0.70	43
MAX.	34	3.1	1160	0	62	2300	0	173	21	398
AVG.	7.9						0	58	4.8	142

DEER CREEK WATERSHED WEIR NUMBER DC-37 Spring on Grolemond Run north of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	2	3.7	330	0	0.70	760	0	7.9	0.02	18
10-17-73	3	3.8	260	0	0.20	740	0	6.2	0.007	27
11-16-73	4	3.9	210	0	0.10	620	0	10	0.004	30
12-17-73	6	3.5	116	0	0.15	350	0	8.4	0.01	25
01-14-74	2	4.0	70	0	0.15	325	0	1.7	0.004	7.8
02-12-74	6	3.9	108	0	0.59	290	0	7.8	0.04	21
03-12-74	12	4.0	44	0	0.15	165	0	6.4	0.02	24
04-16-74	17	4.0	72	0	0	100	0	15	0.00	20
05-16-74	28	3.9	92	0	0.20	225	0	31	0.07	76
06-17-74	2	3.6	196	0	0	400	0	4.7	0.00	9.6
07-18-74	4	3.2	226	0	0.20	650	0	11	0.01	31
08-12-74	2	3.9	150	0	0	700	0	3.6	0.00	17
MIN.	2	3.2	44	0	0	100	0	1.7	0	7.8
MAX.	28	4.0	330	0	0.70	760	0	3.1	0.04	76
AVG.	73						0	9.5	0.02	26

DEER CREEK WATERSHED WEIR NUMBER DC-38 Spring on Grolemond Run north of Snydersburg.

09-20-73	6	3.7	300	0	0.40	710	0	22	0.03	51
10-17-73	2	3.8	230	0	0.30	690	0	5.5	0.007	17
11-16-73	9	4.0	180	0	0.10	570	0	19	0.01	62
12-17-73	34	3.5	80	0	0	235	0	33	0	96
01-14-74	17	4.1	70	0	0.29	230	0	14	0.10	47
02-12-74	17	3.9	98	0	0	225	0	20	0	46
03-12-74	70	4.1	44	0	0.15	140	0	37	0.10	118
04-16-74	70	4.0	144	0	0	300	0	121	0	252
05-16-74	50	4.0	74	0	0	150	0	44	0	90
06-17-74	12	3.7	192	0	0.10	350	0	28	0.01	50
07-19-74	28	3.3	170	0	0.40	450	0	57	0.10	151
08-12-74	6	3.9	194	0	0.10	650	0	14	0.007	47
MIN.	2	3.3	44	0	0	140	0	5.5	0	17
MAX.	70	4.1	300	0	0.40	710	0	121	0.10	252
AVG.	27						0	35	0.03	86

DEER CREEK WATERSHED WEIR NUMBER DC-39 Spring on Grolemond Run north of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	6	3.9	22	0	1.0	94	0	1.6	0.10	6.8
10-17-73	2	4.0	22	0	0.50	110	0	0.50	0.01	2.6
11-16-73	12	4.0	18	0	0.60	60	0	2.6	0.10	8.7
12-17-73	60	3.8	6	0	0.15	30	0	4.3	0.10	22
01-14-74	28	4.4	6	2	0.29	31	0.10	2.0	0.10	10
02-12-74	17	4.4	2	0	0.15	27	0	0.40	0.03	5.5
03-12-74	123	4.7	6	4	0.29	30	5.9	8.9	0.40	44
04-16-74	108	4.6	4	2	0	30	2.6	5.2	0	39
05-16-74	50	4.5	4	0	0.10	19	0	2.4	0.10	11
06-14-74	22	4.0	4	0	2.3	100	0	1.1	0.60	26
07-16-74	22	4.3	10	0	0.60	225	0	2.6	0.20	59
08-12-74	6	4.2	18	0	0.50	275	0	1.2	0.04	20
MIN.	2	3.8	2	0	0	19	0	0.40	0.01	2.6
MAX.	123	4.7	22	4	2.3	275	5.9	8.9	0.60	59
AVG.	38						0.72	2.7	0.15	21

DEER CREEK WATERSHED WEIR NUMBER DC-40 Strip mine on Foy Run southwest of Leeper.

09-20-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-17-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-16-73	6	3.3	60	0	1.9	160	0	4.3	0.10	12
12-17-73	28	3.3	52	0	0.59	170	0	18	0.20	57
*01-14-74	4	3.9	200	0	0.59	135	0	9.6	0.03	6.5
02-12-74	17	3.7	42	0	0.15	140	0	8.6	0.03	29
03-12-74	94	4.1	26	0	0.15	55	0	29	0.20	62
04-16-74	82	4.0	20	0	0.10	200	0	20	0.10	197
05-16-74	94	4.1	26	0	0.10	75	0	29	0.10	85
06-17-74	42	3.5	58	0	1.1	150	0	29	0.60	76
*07-19-74	4	3.0	1100	0	2.7	150	0	53	0.10	7.2
08-14-74	2	3.1	60	0	12	225	0	1.4	0.30	5.4
MIN.	2	3.1	20	0	0.10	55	0	1.4	0.03	5.4
MAX.	94	4.1	60	0	12	225	0	29	0.60	197
AVG.	46						0	17	0.20	65

DEER CREEK WATERSHED WEIR NUMBER DC-41 Intermittent small stream on unnamed tributary to Foy Run west of Leeper.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	4	3.6	350	0	1.1	550	0	17	0.05	26
10-17-73	1	3.7	280	0	1.2	550	0	3.4	0.01	6.6
11-16-73	4	4.0	250	0	0.90	440	0	12	0.04	21
12-17-73	NO SAMPLE AVAILABLE - BROKEN		0	0	0	0	0	0	0	0
01-14-74	17	3.8	300	0	0.44	460	0	61	0.10	94
02-12-74	22	3.5	262	0	0.29	445	0	69	0.10	118
03-12-74	193	3.2	490	0	4.2	575	0	1135	9.6	1332
04-16-74	156	3.4	270	0	1.2	225	0	505	2.2	421
05-16-74	70	3.4	238	0	1.1	275	0	200	0.90	231
06-17-74	70	3.3	344	0	1.2	325	0	289	1.0	273
*07-17-74	17	3.7	256	0	0.50	1800	0	52	0.10	367
08-14-74	17	3.7	230	0	1.1	525	0	47	0.20	107
MIN.	1	3.2	230	0	0.29	225	0	3.4	0.01	6.6
MAX.	193	4.0	490	0	4.2	575	0	1135	9.6	1332
AVG.	55						0	234	1.4	263

DEER CREEK WATERSHED WEIR NUMBER DC-42 Spring on Licking Creek east of Lickingville.

09-20-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-17-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-16-73	2	3.9	24	0	1.4	72	0	0.60	0.03	1.7
12-17-73	12	3.7	6	0	0.29	35	0	0.90	0.04	5.0
01-14-74	4	4.6	4	4	0.29	23	0.20	0.20	0.01	1.1
02-12-74	28	4.3	6	0	0	19	0	2.0	0.00	6.4
03-12-74	193	4.7	6	4	0	35	9.3	14	0.00	81
*04-16-74	70	4.7	2	2	0	150	1.7	1.7	0.00	126
05-15-74	60	4.4	4	0	0.20	14	0	2.9	0.10	10
06-14-74	34	4.4	4	0	1.2	21	0	1.6	0.50	8.6
07-15-74	22	4.0	20	0	0.80	30	0	5.3	0.20	7.9
*08-14-74	9	4.0	14	0	0.40	225	0	1.5	0.04	24
MIN.	2	3.7	4	0	0	14	0	0.20	0	1.1
MAX.	193	4.7	24	4	1.4	72	9.3	14	0.50	81
AVG.	44						1.2	3.4	0.11	15

DEER CREEK WATERSHED WEIR NUMBER DC-43 Gas well on unnamed tributary to Licking Creek southwest of Tylersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*09-20-73	22	5.2	630	0	410	1500	0	166	108	396
*10-17-73	22	4.4	630	0	410	1500	0	166	108	396
11-16-73	28	2.6	630	0	400	1400	0	212	134	470
*12-17-73	28	2.4	500	0	97	1150	0	168	33	386
*01-14-74	28	2.4	500	0	97	1100	0	168	33	370
02-12-74	34	3.0	622	0	684	775	0	254	279	316
03-12-74	42	3.1	780	0	356	1175	0	393	179	592
04-16-74	28	2.9	1100	0	464	1125	0	370	156	378
05-16-74	42	2.8	700	0	338	950	0	353	170	479
06-17-74	50	2.8	640	0	367	1025	0	384	220	615
07-17-74	28	2.8	720	0	500	1525	0	242	168	512
08-14-74	42	2.9	1000	0	492	1150	0	504	248	580
MIN.	28	2.6	622	0	338	775	0	212	134	316
MAX.	50	3.1	1100	0	684	1525	0	504	279	615
AVG.	37						0	339	194	493

DEER CREEK WATERSHED WEIR NUMBER DC-44 Deep mine (stripped) on unnamed tributary to Licking Creek south of Tylersburg.

09-20-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-17-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-16-73	2	2.8	800	0	64	1500	0	19	1.5	36
12-17-73	2	2.6	1000	0	58	1150	0	24	1.4	28
01-14-74	9	2.9	700	0	28	1475	0	76	3.0	159
02-12-74	12	2.8	1128	0	46	700	0	162	6.6	101
03-12-74	4	3.0	940	0	28	850	0	45	1.3	41
04-16-74	6	3.0	740	0	28	800	0	53	2.0	58
05-16-74	17	2.9	980	0	27	900	0	200	5.5	184
06-17-74	9	2.8	1080	0	35	1100	0	117	3.8	119
07-17-74	2	2.9	960	0	26	1375	0	23	0.60	33
08-14-74	2	2.8	1200	0	44	1525	0	29	1.1	37
MIN.	2	2.6	700	0	26	700	0	19	0.60	28
MAX.	17	3.0	1200	0	64	1525	0	200	6.6	184
AVG.	6.5						0	75	2.7	80

DEER CREEK WATERSHED WEIR NUMBER DC-45 Strip and deep mine on unnamed tributary to Licking Creek south of Tylersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
10-17-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
*11-16-73	6	3.7	69	0	1.6	210	0	4.8	0.10	15
*12-17-73	2	3.6	62	0	1.2	180	0	1.5	0.10	4.3
01-14-74			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
02-12-74	22	3.2	278	0	4.9	1000	0	73	1.3	264
03-12-74	12	3.2	420	0	5.8	775	0	61	0.80	112
04-16-74	34	3.5	194	0	2.0	275	0	79	0.80	112
05-16-74	34	3.3	400	0	3.2	575	0	163	1.3	235
06-17-74	6	3.0	400	0	7.6	675	0	29	0.50	49
07-17-74	6	3.0	440	0	6.8	1075	0	32	0.50	77
08-14-74	2	3.1	360	0	8.2	1050	0	8.6	0.20	25
MIN.	2	3.0	194	0	2.0	275	0	8.6	0.20	25
MAX.	34	3.5	440	0	8.2	1075	0	163	1.3	264
AVG.	17						0	64	0.77	125

DEER CREEK WATERSHED WEIR NUMBER DC-46 Gas well on unnamed tributary to Licking Creek south of Tylersburg.

09-20-73	2	2.8	500	0	230	1000	0	12	5.5	24
10-17-73	6	2.9	350	0	220	1300	0	25	16	94
11-16-73	12	2.6	430	0	235	1300	0	62	34	187
12-17-73	50	2.5	420	0	80	1225	0	252	48	735
01-14-74			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
02-12-74	1	2.8	358	0	189	725	0	4.3	2.3	8.7
03-12-74	2	2.9	360	0	41	575	0	8.7	1.0	14
04-16-74	1	2.7	340	0	42	425	0	4.1	0.50	5.1
05-16-74	2	2.8	280	0	39	525	0	6.7	0.90	13
06-17-74	1	2.6	320	0	37	600	0	7.7	0.90	14
07-15-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-12-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
MIN.	1	2.5	280	0	37	425	0	4.1	0.50	5.1
MAX.	50	2.9	500	0	235	1300	0	252	48	735
AVG.	8.6						0	43	12	122

DEER CREEK WATERSHED WEIR NUMBER DC-47 Gas well on unnamed tributary to Licking Creek south of Tylersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	12	3.0	490	0	250	1300	0	71	36	187
10-17-73	12	3.1	450	0	230	1400	0	65	33	202
11-16-73	12	3.7	410	0	240	1200	0	59	35	173
12-17-73	6	2.6	200	0	70	950	0	14	5.0	68
01-14-74	42	2.7	500	0	81	950	0	252	41	479
02-12-74	50	2.8	436	0	357	675	0	262	214	405
03-13-74	70	2.9	340	0	218	675	0	286	183	567
04-16-74	50	2.6	350	0	199	600	0	210	119	360
05-16-74	34	2.8	380	0	214	825	0	155	87	337
06-17-74	50	2.7	500	0	221	775	0	300	135	465
07-17-74	50	2.8	520	0	358	1300	0	312	215	94
08-14-74	34	2.7	800	0	349	1100	0	326	143	449
MIN.	6	2.6	200	0	70	600	0	14	5.0	68
MAX.	70	3.7	800	0	358	1400	0	326	215	567
AVG.	35						0	193	104	316

DEER CREEK WATERSHED WEIR NUMBER DC-47A Spring on unnamed tributary to Licking Creek south of Tylersburg.

12-17-74	22	4.3	72	0	0.10	170	0	19	0.03	45
01-21-75	34	3.9	100	0	0.60	350	0	41	0.24	143
MIN.	22	3.9	72	0	0.10	170	0	19	0.03	45
MAX.	34	4.3	100	0	0.60	350	0	41	0.24	143
AVG.	28						0	30	0.14	94

DEER CREEK WATERSHED WEIR NUMBER DC-47B Gas well on unnamed tributary to Licking Creek south of Tylersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
12-17-74	2	3.3	520	0	250	1350	0	12	6.0	32
01-21-75	2	3.1	624	0	259	1450	0	15	6.2	35
MIN.	2	3.1	520	0	250	1350	0	12	6.0	32
MAX.	2	3.3	624	0	259	1450	0	15	6.2	35
AVG.	2						0	14	6.1	34

DEER CREEK WATERSHED WEIR NUMBER DC-47C Spring on unnamed tributary to Licking Creek south of Tylersburg.

01-21-75	12	3.0	1200	0	217	1500	0	173	31	216
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DEER CREEK WATERSHED WEIR NUMBER DC-49 Spring on unnamed tributary to Licking Creek southeast of Tylersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	12	4.2	52	0	0.20	190	0	7.5	0.03	27
10-19-73	2	3.9	80	0	0.10	190	0	1.9	0.002	4.6
11-16-73	28	4.2	42	0	0.01	150	0	14	0.003	50
12-17-73	123	4.2	34	0	0.15	170	0	50	0.20	251
01-14-74	22	4.2	46	0	0.29	135	0	12	0.10	36
02-12-74	34	4.1	48	0	0	180	0	20	0	73
03-13-74	94	4.3	44	0	0	165	0	50	0	186
04-16-74	70	4.2	60	0	2.0	100	0	50	1.7	84
05-16-74	70	4.2	44	0	0.10	225	0	37	0.10	189
*06-17-74	70	4.0	60	0	0	50	0	50	0	42
07-17-74	42	4.2	40	0	0.10	275	0	20	0.10	139
08-14-74	17	4.0	74	0	0.10	200	0	15	0.02	41
MIN.	2	3.9	34	0	0	100	0	1.9	0	4.6
MAX.	123	4.3	80	0	2.0	275	0	50	1.7	251
AVG.	47						0	25	0.21	98

DEER CREEK WATERSHED WEIR NUMBER DC-50 Strip mine on unnamed tributary to Licking Creek north of Tylersburg.

09-20-73	1	2.8	440	0	27	1500	0	5.3	0.30	18
10-19-73	1	3.0	370	0	35	1600	0	4.4	0.40	19
11-16-73	2	3.2	290	0	24	1200	0	7.0	0.60	29
12-17-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
01-14-74	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
02-20-74	4	3.8	152	0	6.9	1275	0	7.3	0.30	61
03-13-74	34	3.4	246	0	4.4	1225	0	100	1.8	500
04-16-74	4	3.3	380	0	3.5	1075	0	18	0.20	52
05-16-74	12	3.2	300	0	4.9	950	0	43	0.70	137
06-17-74	1	3.2	280	0	4.7	1025	0	6.7	0.10	25
07-15-74	1	2.9	700	0	7.9	1550	0	8.4	0.10	19
08-14-74	2	2.9	1000	0	20	1300	0	24	0.50	31
MIN.	1	2.8	152	0	3.5	950	0	4.4	0.10	18
MAX.	34	3.8	1000	0	35	1600	0	100	1.8	500
AVG.	6.2						0	22.4	0.50	99

DEER CREEK WATERSHED WEIR NUMBER DC-51 Gas well on unnamed tributary to Licking Creek west of Tylersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	17	2.8	380	0	240	990	0	78	49	202
10-19-73	12	3.0	280	0	260	920	0	40	37	133
11-16-73	22	2.7	330	0	230	1000	0	87	61	264
*12-17-73	22	2.7	200	0	74	850	0	53	20	224
*01-14-74	28	2.8	400	0	73	700	0	134	24	235
02-12-74	34	3.0	336	0	311	525	0	137	127	214
03-13-74	34	3.2	400	0	230	725	0	163	94	296
04-16-74	17	3.0	200	0	259	650	0	41	53	133
*05-16-74	34	2.9	340	0	19	350	0	139	7.7	143
06-17-74	34	2.8	640	0	282	600	0	261	115	245
*07-18-74	42	2.5	1400	0	226	925	0	706	114	466
*08-14-74	34	2.4	1200	0	336	1200	0	490	137	490
MIN.	12	2.7	200	0	230	525	0	40	37	133
MAX.	34	3.2	640	0	311	1000	0	261	127	296
AVG.	24						0	115	77	212

DEER CREEK WATERSHED WEIR NUMBER DC-52 Spring on Licking Creek northeast of Lickingville.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	1	4.3	13	0	0.40	98	0	0.20	0.005	1.2
10-19-73	2	4.4	16	0	0.20	120	0	0.40	0.005	2.9
11-16-73	9	4.6	11	0	0.10	60	0	1.2	0.01	6.5
12-17-73	22	4.7	2	2	0	25	0.50	0.50	0.00	6.6
01-14-74	12	5.0	4	6	0.15	29	0.90	0.60	0.002	4.2
02-12-74	17	4.5	12	0	0.29	18	0	2.4	0.10	3.7
03-13-74	34	4.6	16	0	0	35	0	6.5	0.00	14
04-16-74	17	4.5	4	0	0	30	0	0.80	0.00	6.1
05-21-74	6	4.6	4	2	0.10	11	0.10	0.30	0.007	0.80
06-17-74	12	4.2	24	0	0.10	175	0	3.5	0.01	25
07-18-74	17	4.0	20	0	0.10	40	0	4.1	0.02	8.2
08-14-74	6	4.3	48	0	0.40	275	0	3.5	0.03	20
MIN.	1	4.0	2	0	0	11	0	0.20	0	0.80
MAX.	34	5.0	48	6	0.40	275	0.90	6.5	0.10	25
AVG.	13						0.13	2.0	0.02	8.3

DEER CREEK WATERSHED WEIR NUMBER DC-53 Intermittent small stream north of Frills Corner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73			NO SAMPLE AVAILABLE - NOT TAKEN	0	0	0	0	0	0	0
10-19-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-17-73	34	2.9	300	0	17	550	0	122	7.1	224
01-14-74	12	3.0	500	0	23	1100	0	72	3.3	158
02-12-74	22	2.9	600	0	50	700	0	158	13	185
03-13-74	123	2.8	400	0	15	325	0	590	22	480
04-16-74	123	3.1	260	0	23	275	0	384	35	406
05-16-74	70	3.2	140	0	9.2	152	0	118	7.7	128
06-17-74	397	3.0	200	0	17	225	0	953	82	1072
07-15-74	193	2.7	578	0	13	525	0	2084	30	1216
*08-14-74	22	2.8	1900	0	31	1250	0	502	8.3	330
MIN.	12	2.7	140	0	9.2	152	0	72	3.3	128
MAX.	397	3.2	600	0	50	1100	0	2084	82	1216
AVG.	122						0	560	25	483

DEER CREEK WATERSHED WEIR NUMBER DC-54 Spring on Licking Creek north of Frills Corners.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	4	3.9	28	0	0.70	22	0	1.3	0.03	1.1
10-19-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-16-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-17-73	22	3.8	14	0	0.15	40	0	3.7	0.04	11
01-14-74			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
02-12-74	12	4.0	38	0	0.29	75	0	5.5	0.04	11
03-13-74	22	4.4	20	0	0.59	40	0	5.3	0.20	11
04-16-74	12	4.3	12	0	0	35	0	1.7	0	5.0
06-07-74	12	3.9	24	0	0.30	61	0	3.5	0.04	8.8
06-17-74	12	4.0	28	0	0.10	200	0	4.0	0.01	29
07-15-74	8	3.6	44	0	0.20	50	0	4.2	0.02	4.8
08-14-74	2	3.4	40	0	0.70	200	0	1.0	0.02	4.8
MIN.	2	3.4	12	0	0	22	0	1.0	0	1.1
MAX.	22	4.4	44	0	0.70	200	0	5.5	0.20	29
AVG.	12						0	3.4	0.04	9.6

DEER CREEK WATERSHED WEIR NUMBER DC-55 Spring on Licking Creek northeast of Frills Corner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73				0	0	0	0	0	0	0
10-19-73				0	0	0	0	0	0	0
11-16-73	2	2.9	560	0	34	710	0	13	0.80	17
12-17-73				0	0	0	0	0	0	0
01-14-74				0	0	0	0	0	0	0
02-20-74	4	2.9	242	0	4.5	650	0	12	0.20	31
03-13-74	22	3.4	100	0	1.1	150	0	26	0.30	40
04-16-74	6	3.2	140	0	1.2	150	0	10	0.10	11
05-17-74	6	3.3	120	0	1.2	150	0	8.7	0.10	11
06-17-74	4	3.2	142	0	2.5	150	0	6.8	0.10	7.2
*07-15-74	4	2.8	800	0	3.0	275	0	38	0.10	13
08-14-75				0	0	0	0	0	0	0
MIN.	2	2.9	100	0	1.1	150	0	6.8	0.10	7.2
MAX.	22	3.4	560	0	34	710	0	26	0.80	40
AVG.	7.3						0	13	0.27	20

DEER CREEK WATERSHED WEIR NUMBER DC-57 Spring on Licking Creek southeast of Frills Corner.

09-20-73	34	3.2	98	0	3.3	140	0	40	1.4	57
10-19-73	12	3.6	62	0	3.0	140	0	8.9	0.40	20
11-16-73	12	5.4	4	0	0.10	14	0	0.60	0.01	2.0
12-17-73	34	5.1	2	4	0.15	30	1.6	0.80	0.10	12
01-14-74	22	5.6	4	6	0.15	11	1.6	1.0	0.04	2.9
02-12-74	50	4.8	8	4	0	12	2.4	4.8	0	7.2
03-13-74	28	4.9	4	4	0	30	1.4	1.4	0	10
04-16-74	42	5.0	10	4	0.10	45	2.0	5.0	0.10	23
05-17-74	42	5.2	2	4	0.10	100	2.0	1.0	0.10	50
06-17-74	17	4.8	8	4	0.10	13	0.80	1.6	0.02	2.7
07-18-74	12	4.2	24	0	0.10	35	0	3.5	0.01	5.0
08-14-74	22	4.8	26	6	0.20	225	1.6	6.9	0.10	59
MIN.	12	3.2	2	0	0.0	11	0	0.60	0	2.0
MAX.	50	5.6	98	6	3.3	225	2.4	40	1.4	59
AVG.	27						0	6.3	0.19	21

DEER CREEK WATERSHED WEIR NUMBER DC-58 Intermittent small stream north of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	12	3.8	48	0	0.40	110	0	6.9	0.10	16
10-19-73	12	4.3	26	0	1.4	120	0	3.7	0.20	17
11-16-73	12	3.7	48	0	2.4	180	0	6.9	0.40	26
12-17-73	694	3.5	46	0	1.5	140	0	283	13	1166
01-14-74	34	3.6	84	0	3.4	230	0	34	1.4	94
02-12-74	193	3.1	400	0	13	310	0	926	31	718
03-13-74	429	2.9	200	0	18	325	0	1030	94	1673
04-16-74	397	3.2	140	0	8.4	175	0	667	40	834
*05-16-74	193	3.0	360	0	200	600	0	834	463	1390
06-17-74	156	3.1	184	0	6.9	350	0	344	13	655
07-15-74	82	3.1	194	0	8.1	440	0	191	8.0	433
08-14-74	6	3.2	150	0	5.9	400	0	11	0.40	29
MIN.	6	2.9	26	0	0.40	110	0	3.7	0.10	16
MAX.	694	4.3	400	0	18	440	0	1030	94	1673
AVG.	184						0	319	18	515

DEER CREEK WATERSHED WEIR NUMBER DC-59 Strip mine on Frills Run west of Lickingville.

09-20-73	1	2.6	190	0	16	250	0	2.3	0.20	3.0
10-19-73	2	2.9	230	0	21	380	0	5.5	0.50	9.1
11-16-73	70	3.1	150	0	15	200	0	126	13	168
12-17-73	34	3.1	108	0	6.2	165	0	44	2.5	67
01-14-74	34	3.6	66	0	4.0	70	0	27	1.6	29
02-18-74	70	3.5	64	0	3.0	75	0	54	2.6	63
03-13-74	42	3.4	78	0	3.9	100	0	39	2.0	50
04-16-74	50	3.5	56	0	2.0	100	0	34	1.2	60
05-16-74	34	3.4	72	0	2.7	50	0	29	1.1	20
06-14-74	28	3.0	64	0	5.0	200	0	22	1.7	67
*07-15-74	28	3.0	600	0	12	115	0	202	4.0	39
*08-13-74	12	2.9	500	0	7.8	225	0	72	1.1	32
MIN.	1	2.6	56	0	2.0	50	0	2.3	0.20	3.0
MAX.	70	3.6	230	0	21	380	0	126	13	168
AVG.	37						0	38	2.6	54

DEER CREEK WATERSHED WEIR NUMBER DC-60 Strip mine on Frills Run west of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-20-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-16-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-17-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-18-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
03-13-74	4	3.8	174	0	0	225	0	8.4	0	11
04-16-74	6	3.8	224	0	2.0	350	0	16	0.10	25
05-16-74	6	3.8	192	0	0.30	425	0	14	0.02	31
06-17-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	4	3.8	174	0	0	225	0	8.4	0	11
MAX.	6	3.8	224	0	2.0	425	0	16	0.1	31
AVG.	5.3						0	13	0.04	22

DEER CREEK WATERSHED WEIR NUMBER DC-61 Spring on Rattlesnake Run west of Lickingville.

09-21-73	9	3.9	300	0	0.40	680	0	32	0.10	73
10-19-73	2	4.0	360	0	0.20	880	0	8.7	0.10	21
11-19-73	9	4.2	140	0	0.10	420	0	15	0.10	45
12-17-73	694	3.9	70	0	0	220	0	583	0	1832
01-14-74	6	4.2	94	0	0.15	260	0	6.8	0.10	19
02-20-74	12	3.2	284	0	0	750	0	41	0	108
03-13-74	22	4.3	60	0	0.73	205	0	16	0.20	54
04-16-74	34	4.3	78	0	1.0	200	0	32	0.40	82
05-17-74	70	4.4	60	0	0	150	0	50	0	126
06-13-74	42	4.0	120	0	0	225	0	61	0	113
07-15-74	22	3.6	126	0	0	150	0	33	0	40
08-13-74	12	3.6	100	0	0.50	425	0	14	0.10	61
MIN.	2	3.2	60	0	0	150	0	6.8	0	19
MAX.	694	4.3	360	0	1.0	880	0	583	0.40	1832
AVG.	78						0	74	0.09	215

DEER CREEK WATERSHED WEIR NUMBER DC-62 Strip mine on Rattlesnake Run west of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	1	3.6	220	0	1.0	380	0	5.3	0.01	9.6
10-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
*11-19-73	2	3.0	340	0	27	790	0	8.2	0.60	19
12-17-73	6	3.3	204	0	1.5	700	0	15	0.10	50
01-14-74	12	3.5	210	0	0.89	475	0	30	0.10	68
02-12-74	9	3.5	238	0	0.59	750	0	26	0.10	81
03-13-74	82	3.6	148	0	0.73	350	0	146	0.70	344
04-16-74	28	3.5	194	0	1.0	350	0	65	0.30	118
05-17-74	28	3.5	184	0	0.60	400	0	62	0.20	134
06-14-74	6	3.9	244	0	6.2	425	0	18	0.40	31
*07-15-74	12	2.9	600	0	15	575	0	86	2.20	83
08-13-74	2	3.1	152	0	0.40	700	0	3.6	0.01	17
MIN.	1	3.1	148	0	0.40	350	0	3.6	0.01	9.6
MAX.	82	3.9	244	0	6.2	750	0	146	0.70	344
AVG.	20						0	41	0.21	95

DEER CREEK WATERSHED WEIR NUMBER DC-63 Strip mine on unnamed tributary of Step Run southeast of Strobleton.

09-21-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-19-73	6	3.3	290	0	6.4	490	0	21	0.50	35
12-17-73	12	2.9	440	0	6.0	550	0	63	0.90	79
01-14-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-12-74	22	3.3	350	0	5.2	275	0	92	1.4	73
03-13-74	34	3.2	368	0	4.6	450	0	150	1.9	184
04-16-74	42	3.2	334	0	4.0	325	0	168	2.0	164
05-17-74	17	3.2	362	0	4.9	575	0	74	1.0	117
06-18-74	12	3.0	466	0	9.7	575	0	67	1.4	83
07-18-74	2	2.5	900	0	6.2	800	0	22	0.10	19
08-13-74	6	2.7	500	0	8.6	700	0	36	0.60	50
MIN.	2	2.5	290	0	4.0	275	0	21	0.10	19
MAX.	42	3.3	900	0	9.7	800	0	168	2.0	184
AVG.	17						0	77	1.1	89

DEER CREEK WATERSHED WEIR NUMBER DC-64 Deep mine on Mahles Run south of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	1	2.2	950	0	200	1100	0	11	2.4	13
10-19-73	2	2.5	900	0	230	1100	0	22	5.5	26
11-19-73	2	2.6	870	0	210	1100	0	21	5.0	26
12-17-73	2	2.4	1280	0	105	1150	0	31	2.5	28
01-14-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-12-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
03-14-74	4	2.8	200	0	65	350	0	9.6	3.1	17
04-16-74	4	2.8	360	0	83	275	0	17	4.0	13
05-17-74	4	2.7	630	0	102	475	0	30	4.9	23
06-13-74	1	2.5	1180	0	166	825	0	28	4.0	20
07-18-74	1	2.0	1700	0	287	1450	0	20	3.4	17
08-14-74	1	2.5	1700	0	139	1500	0	20	1.7	18
MIN.	1	2.2	200	0	65	275	0	9.6	1.7	13
MAX.	4	2.8	1700	0	287	1500	0	31	5.5	28
AVG.	2.2						0	21	3.7	20

DEER CREEK WATERSHED WEIR NUMBER DC-65 Spring on Mahles Run southwest of Fryburg.

09-21-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-17-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-12-74	NO SAMPLE AVAILABLE - NOT TAKEN		0	0	0	0	0	0	0	0
03-14-74	NO SAMPLE AVAILABLE - NOT TAKEN		0	0	0	0	0	0	0	0
04-16-74	NO SAMPLE AVAILABLE - NOT TAKEN		0	0	0	0	0	0	0	0
05-17-74	1	5.7	4	26	0.10	55	0.30	0.10	0.10	0.70
*06-13-74	2	4.9	4	4	0.30	225	0.10	0.10	0.10	5.4
*07-15-74	1	5.4	10	14	22	18	0.20	0.10	0.30	0.20
08-15-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0

DEER CREEK WATERSHED WEIR NUMBER DC-66 Gas well on Mahles Run southwest of Fryburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	12	3.3	150	0	98	640	0	22	14	92
10-19-73	12	3.0	130	0	91	630	0	19	13	91
11-19-73	12	3.0	120	0	56	590	0	17	8.1	85
12-17-73	12	2.7	160	0	62	575	0	23	8.9	83
01-14-74	17	3.1	110	0	43	400	0	22	8.7	82
02-12-74	17	3.0	40	0	67	300	0	8.2	14	61
03-14-74	12	3.1	80	0	65	350	0	12	9.4	50
04-16-74	17	2.8	90	0	76	275	0	18	16	56
05-17-74	28	3.0	160	0	78	375	0	54	26	126
06-13-74	17	2.8	240	0	79	325	0	49	16	66
07-15-74	17	2.6	500	0	88	550	0	102	18	112
08-14-74	17	3.1	234	0	78	750	0	48	16	153
MIN.	12	2.6	40	0	43	275	0	8.2	8.1	50
MAX.	28	3.1	500	0	98	640	0	102	26	153
AVG.	16						0	33	14	88

DEER CREEK WATERSHED WEIR NUMBER DC-67 Gas well on Mahles Run southwest of Fryburg.

09-21-73	22	5.0	66	0	82	490	0	17	22	129
10-19-73	22	3.4	40	0	86	370	0	11	23	98
11-19-73	28	3.4	39	0	76	360	0	13	26	121
12-18-73	12	3.1	40	0	80	350	0	5.8	12	50
01-14-74	28	3.6	66	0	57	225	0	22	19	76
02-12-74	34	3.7	40	0	72	225	0	16	29	92
03-14-74	22	3.4	72	0	74	325	0	19	19	86
04-16-74	34	3.6	110	0	92	225	0	45	38	92
05-17-74	70	3.2	60	0	90	275	0	50	75	231
06-13-74	28	3.0	80	0	125	225	0	27	42	76
07-15-74	28	2.9	900	0	82	325	0	302	28	109
08-15-74	22	3.6	194	0	99	725	0	51	26	191
MIN.	12	2.9	39	0	57	225	0	5.8	12	50
MAX.	70	5.0	700	0	125	725	0	302	75	231
AVG.	29						0	48	30	113

DEER CREEK WATERSHED WEIR NUMBER DC-68 Spring on Mahles Run southwest of Fryburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
11-19-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
02-12-74	NO SAMPLE	AVAILABLE - NOT TAKEN	0	0	0	0	0	0	0	0
03-14-74	NO SAMPLE	AVAILABLE - NOT TAKEN	0	0	0	0	0	0	0	0
04-16-74	NO SAMPLE	AVAILABLE - NOT TAKEN	0	0	0	0	0	0	0	0
*05-17-74	2	5.5	4	10	1.6	15	0.20	0.10	0.04	0.40
06-13-74	9	3.1	100	0	79	250	0	11	8.6	27
07-15-74	12	2.7	700	0	78	400	0	101	11	58
08-15-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	9	2.7	100	0	78	250	0	11	8.6	27
MAX.	12	3.1	700	0	79	400	0	101	11	58
AVG.	11						0	55	9.8	43

DEER CREEK WATERSHED WEIR NUMBER DC-69 Spring on Mahles Run southwest of Fryburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
11-19-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
12-17-73	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
02-12-74	NO SAMPLE	AVAILABLE - NOT TAKEN	0	0	0	0	0	0	0	0
03-14-74	NO SAMPLE	AVAILABLE - NOT TAKEN	0	0	0	0	0	0	0	0
04-25-74	50	3.6	30	0	1.0	175	0	18	0.60	105
05-17-74	50	5.8	2	24	0.10	19	14	1.2	0.10	11
06-13-74	2	5.3	14	22	0.50	225	0.50	0.30	0.01	5.4
07-15-74	28	5.7	8	20	0.20	30	6.7	2.7	0.10	10
08-13-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
MIN.	2	3.6	2	0	0.10	19	0.50	0.30	0.01	5.4
MAX.	50	5.8	30	24	1.0	225	14	18	0.60	105
AVG.	33						5.3	5.6	0.20	33

DEER CREEK WATERSHED WEIR NUMBER DC-71 Strip mine on unnamed tributary to Mahles Run northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	1	2.4	2300	0	140	5200	0	28	1.7	62
10-19-73	1	2.8	2200	0	180	5500	0	26	2.2	66
11-19-73	2	2.7	2300	0	260	5700	0	55	6.2	137
12-18-73	NO SAMPLE	AVAILABLE - FROZEN	0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
02-12-74	4	2.8	3100	0	418	3750	0	149	20	180
03-14-74	4	2.7	1900	0	199	3000	0	91	9.6	144
04-18-74	2	2.8	2360	0	116	3750	0	57	2.8	90
05-17-74	1	2.6	1960	0	135	4750	0	24	1.6	57
06-17-74	1	2.7	2240	0	135	4375	0	54	3.2	105
*07-17-74	1	2.7	2920	0	185	825	0	35	2.2	9.9
08-14-74	1	2.5	2820	0	331	4250	0	34	4.0	51
MIN.	1	2.4	1900	0	116	3000	0	24	1.6	51
MAX.	4	2.8	3100	0	418	5700	0	149	20	180
AVG.	1.9						0	58	5.7	99

DEER CREEK WATERSHED WEIR NUMBER DC-72 Strip mine on unnamed tributary to Mahles Run northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	2	2.5	2300	0	430	6000	0	55	5.2	144
10-19-73	1	2.6	2400	0	470	6200	0	29	5.6	74
11-19-73	4	2.6	2400	0	440	6100	0	115	21	293
12-18-73	NO SAMPLE	AVAILABLE - FROZEN	0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE	AVAILABLE - DRY	0	0	0	0	0	0	0	0
02-12-74	12	2.8	3300	0	486	5125	0	475	70	738
03-14-74	9	2.7	1900	0	444	4000	0	205	48	432
04-18-74	12	2.7	2140	0	289	5125	0	308	42	738
05-17-74	6	2.6	2200	0	296	4950	0	158	21	356
06-17-74	6	2.7	3000	0	282	5125	0	216	20	369
*07-17-74	12	2.6	2620	0	327	850	0	377	47	122
08-19-74	4	2.5	2820	0	426	3950	0	135	21	190
MIN.	1	2.5	1900	0	282	3950	0	29	5.2	74
MAX.	12	2.8	3300	0	486	6200	0	475	70	738
AVG.	6.2						0	188	28	370

DEER CREEK WATERSHED WEIR NUMBER DC-74 Spring on Mahles Run west of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	4	4.0	42	0	0.30	94	0	2.0	0.01	4.5
10-19-73	2	4.4	56	0	0.10	100	0	1.3	0.002	2.4
11-19-73	70	4.1	93	0	0.10	150	0	78	0.10	126
12-18-73	NO SAMPLE AVAILABLE - BROKEN IN TRANSIT									
01-14-74	34	4.2	72	0	0	95	0	29	0	39
02-13-74	34	4.1	34	0	0.15	92	0	14	0.10	38
03-14-74	236	4.1	38	0	0.51	70	0	108	1.4	198
04-16-74	193	4.0	20	0	1.0	100	0	46	2.3	232
05-20-74	50	4.1	24	0	0.10	300	0	14	0.10	180
*06-14-74	12	4.0	40	0	0.20	1975	0	5.8	0.03	284
*07-18-74	2	3.4	400	0	0.10	90	0	9.6	0.002	2.2
08-15-74	2	4.1	66	0	0.70	225	0	1.6	0.02	5.4
MIN.	2	4.0	20	0	0.00	70	0	1.3	0	2.4
MAX.	236	4.4	93	0	1.0	300	0	108	2.3	232
AVG.	69						0	33	0.45	92

DEER CREEK WATERSHED WEIR NUMBER DC-75 Spring on unnamed tributary to Mahles Run northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	1	2.2	1900	0	150	2700	0	23	1.8	32
10-19-73	1	2.6	1900	0	200	2600	0	23	2.4	31
11-19-73	2	2.7	1300	0	170	1900	0	31	4.1	46
12-18-73	2	2.5	1420	0	68	1350	0	34	1.6	32
01-14-74	NO SAMPLE AVAILABLE - FROZEN									
02-13-74	4	2.9	974	0	155	1075	0	47	7.5	52
*03-14-74	4	2.9	1200	0	85	575	0	58	4.1	28
04-18-74	6	2.9	520	0	58	725	0	37	4.2	52
05-20-74	1	2.7	900	0	118	1450	0	58	1.4	17
06-17-74	2	2.7	1600	0	131	1350	0	38	3.1	32
07-17-74	1	2.6	1940	0	195	2475	0	23	2.3	30
08-15-74	2	2.6	2300	0	164	2150	0	55	3.9	52
MIN.	1	2.2	520	0	58	725	0	23	1.4	17
MAX.	6	2.9	2300	0	200	2700	0	58	4.2	52
AVG.	2.2						0	37	3.2	38

DEER CREEK WATERSHED WEIR NUMBER DC-76 Spring on Mahles Run southwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-21-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-13-74	12	2.9	718	0	59	1325	0	103	8.5	191
03-14-74	NO SAMPLE AVAILABLE - BORKEN IN TRANSIT									
04-18-74	17	3.0	410	0	14	800	0	84	2.3	163
05-20-74	12	2.8	750	0	39	1175	0	108	5.6	169
06-14-74	12	2.7	960	0	77	1375	0	138	11	198
07-18-74	6	2.1	1600	0	61	2300	0	115	4.4	166
08-13-74	4	2.8	1400	0	46	2200	0	67	2.2	106
MIN.	4	2.7	410	0	14	800	0	67	2.2	106
MAX.	17	3.0	1600	0	77	2300	0	138	11	198
AVG.	11						0	103	5.7	166

DEER CREEK WATERSHED WEIR NUMBER DC-77 Deep mine (stripped) on Paint Creek southwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-19-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
01-14-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-13-74	2	3.8	198	0	7.4	340	0	4.8	0.20	8.2
*03-14-74	6	2.7	2000	0	38	575	0	144	2.7	41
04-18-74	4	2.7	420	0	33	400	0	20	1.6	19
05-20-74	1	2.8	550	0	21	800	0	6.6	0.30	9.6
06-14-74	1	2.8	200	0	12	450	0	4.8	0.30	11
07-18-74	2	2.3	900	0	12	625	0	22	0.30	15
08-13-74	1	2.4	600	0	14	925	0	7.2	0.20	11
MIN.	1	2.4	198	0	7.4	340	0	4.8	0.20	8.2
MAX.	4	3.8	900	0	33	925	0	22	1.6	19
AVG.	1.8						0	11	0.48	12

DEER CREEK WATERSHED WEIR NUMBER DC-78 Intermittent small stream southwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
10-19-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-19-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-18-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
01-14-74	2	4.7	6	6	1.1	18	0.10	0.10	0.03	0.40
02-13-74			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
03-14-74	4	4.1	20	0	0.54	45	0	1.0	0.03	2.2
04-18-74	6	4.4	4	0	0.30	45	0	0.30	0.02	3.2
*05-20-74	4	4.3	6	0	0.60	125	0	0.30	0.03	6.0
06-14-74	1	4.1	4	0	0.30	16	0	0.10	0.004	0.40
07-15-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
08-13-74			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
MIN.	1	4.1	4	0	0.30	16	0	0.10	0.004	0.40
MAX.	6	4.7	20	6	1.1	45	0.10	1.0	0.03	3.2
AVG.	3.3						0.03	0.38	0.02	1.6

DEER CREEK WATERSHED WEIR NUMBER DC-79 Strip mine on unnamed tributary to Little Paint Creek Northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
10-19-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
11-19-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
12-18-73			NO SAMPLE AVAILABLE - DRY	0	0	0	0	0	0	0
01-14-74			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
02-13-74	12	3.1	910	0	3.4	215	0	131	0.50	31
03-14-74	6	3.1	980	0	2.7	900	0	71	0.20	65
*04-18-74	6	3.0	1160	0	3.6	925	0	84	0.26	67
05-20-74	9	3.1	810	0	3.4	1200	0	88	0.40	130
06-17-74	2	3.1	1400	0	3.8	1425	0	34	0.10	34
07-18-74	1	2.7	1700	0	2.3	1500	0	20	0.03	18
*08-12-74	1	2.9	1400	0	36	1300	0	17	0.40	16
MIN.	1	2.7	810	0	2.3	215	0	20	0.03	18
MAX.	12	3.1	1700	0	3.8	1500	0	131	0.50	130
AVG.	6.0						0	69	0.25	56

DEER CREEK WATERSHED WEIR NUMBER DC-80 Strip mine on Little Paint Creek northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	1	2.5	1400	0	460	3500	0	17	5.5	42
10-19-73	1	2.7	1300	0	570	3400	0	16	6.9	47
11-19-73	2	2.5	1100	0	500	3000	0	26	12	72
12-18-73			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
01-14-74			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
02-20-74	6	2.7	668	0	445	2750	0	48	32	198
03-14-74	2	2.8	1100	0	742	1875	0	26	18	45
04-18-74	6	2.6	900	0	345	1625	0	65	25	117
05-20-74	2	2.6	1320	0	413	3000	0	32	9.9	72
06-17-74	6	2.6	1400	0	127	2375	0	101	9.1	171
07-17-74	4	2.6	1520	0	457	2750	0	73	22	132
08-12-74	1	2.8	1600	0	292	4950	0	19	3.5	59
MIN.	1	2.5	668	0	127	1625	0	16	3.5	42
MAX.	6	2.8	1600	0	742	4950	0	101	32	198
AVG.	3.1						0	42	14	96

DEER CREEK WATERSHED WEIR NUMBER DC-81 Spring on Little Paint Creek northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	1	2.7	250	0	8.0	480	0	3.0	0.10	5.8
10-19-73	2	3.3	66	0	7.0	140	0	1.6	0.20	3.4
11-19-73	6	3.4	73	0	3.9	160	0	5.3	0.30	12
12-18-73			NO SAMPLE AVAILABLE - FROZEN	0	0	0	0	0	0	0
01-14-74	2	3.8	60	0	1.5	80	0	1.4	0.04	1.9
02-20-74	9	3.4	90	0	1.1	300	0	9.8	0.10	32
03-14-74	12	3.5	76	0	0.54	100	0	11	0.10	14
04-18-74	22	3.4	80	0	0.40	175	0	21	0.10	46
05-20-74	17	3.3	94	0	1.4	250	0	19	0.30	51
06-17-74	12	3.3	78	0	2.5	200	0	11	0.40	29
07-17-74	28	3.3	84	0	2.6	275	0	28	0.90	92
08-12-74	2	3.3	70	0	2.4	325	0	1.7	0.10	7.8
MIN.	1	2.7	60	0	0.4	80	0	1.4	0.04	1.9
MAX.	28	3.8	250	0	8.0	480	0	28	0.90	92
AVG.	10						0	10	0.24	27

DEER CREEK WATERSHED WEIR NUMBER DC-82 Gas well on Little Paint Creek northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	12	3.6	260	0	180	1200	0	37	26	173
10-19-73	6	4.0	210	0	170	1200	0	15	12	86
11-19-73	12	2.9	190	0	180	1100	0	27	26	158
12-18-73	12	2.6	180	0	59	925	0	26	8.5	133
01-14-74	17	3.0	200	0	54	850	0	41	11	173
02-13-74	17	3.3	140	0	161	425	0	29	33	87
03-14-74	12	3.1	300	0	243	575	0	43	35	83
04-16-74	12	3.0	250	0	180	600	0	36	26	86
05-20-74	22	3.0	220	0	140	775	0	60	38	210
06-14-74	22	3.0	256	0	176	850	0	68	47	224
07-17-74	22	2.9	300	0	175	925	0	79	46	244
08-12-74	17	3.8	276	0	126	1025	0	56	26	209
MIN.	6	2.6	140	0	54	425	0	15	8.5	83
MAX.	22	4.0	300	0	243	1200	0	79	47	244
AVG.	15						0	43	28	156

DEER CREEK WATERSHED WEIR NUMBER DC-83 Deep mine (stripped) on unnamed tributary to Little Creek north of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	4	3.0	410	0	5.3	620	0	20	0.30	30
10-19-73	4	3.2	360	0	4.2	610	0	17	0.20	29
11-19-73	17	3.1	280	0	2.7	450	0	57	0.60	92
12-18-73	12	2.9	342	0	2.0	450	0	49	0.30	65
01-15-74	28	3.3	248	0	3.4	350	0	83	1.1	118
02-13-74	42	3.2	268	0	1.5	325	0	135	0.80	164
03-14-74	70	3.3	184	0	2.4	200	0	155	2.0	168
05-09-74	50	3.7	106	0	2.5	300	0	64	1.5	180
05-21-74	42	3.4	160	0	1.7	250	0	83	0.90	129
06-19-74	34	3.2	294	0	3.7	275	0	120	1.5	112
07-17-74	12	3.3	342	0	3.8	575	0	49	0.50	83
08-15-74	2	2.9	600	0	4.5	450	0	14	0.10	11
MIN.	2	2.9	106	0	1.5	200	0	14	0.10	11
MAX.	70	3.7	600	0	5.3	620	0	155	2.0	180
AVG.	26						0	71	0.82	98

DEER CREEK WATERSHED WEIR NUMBER DC-84 Intermittent small stream west of Millerstown.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
09-25-74	9	4.2	19	0	0.20	60	0	2.1	0.02	6.5	
10-22-73	9	4.6	13	0	0.10	53	0	1.4	0.01	5.7	
11-19-73	94	4.4	14	0	0.01	48	0	16	0.01	54	
12-18-73	193	3.9	20	0	0	40	0	46	0	93	
01-14-74	156	4.3	18	0	1.2	37	0	34	2.2	69	
02-20-74	193	3.9	28	0	0	275	0	65	0	637	
03-14-74	1609	4.2	14	0	0	55	0	270	0	1062	
04-18-74	NO SAMPLE AVAILABLE - BROKEN IN TRANSIT										
05-20-74	123	4.1	12	0	0.10	150	0	18	0.20	221	
06-18-74	70	4.3	20	0	0.20	225	0	17	0.20	189	
07-18-74	22	3.7	40	0	0.20	125	0	11	0.10	33	
08-16-74	4	3.4	16	0	0.30	275	0	0.80	0.01	13	
MIN.	4	3.4	12	0	0	37	0	0.80	0	5.7	
MAX.	1609	4.6	40	0	1.2	275	0	270	2.2	1062	
AVG.	226						0	44	0.25	217	

DEER CREEK WATERSHED WEIR NUMBER DC-85 Spring on Little Deer Creek west of Millerstown.

DATE	GPM	pH	PPM				PPD				
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄	
*09-25-73	2	3.6	36	0	2.4	120	0	0.90	0.10	2.9	
10-22-73	2	3.8	110	0	2.1	270	0	2.6	0.10	6.5	
11-19-73	12	3.5	190	0	1.2	420	0	27	0.20	61	
12-18-73	12	3.2	214	0	0.89	355	0	31	0.10	51	
01-14-74	9	3.6	182	0	1.8	305	0	20	0.20	33	
02-20-74	12	3.4	192	0	0.74	600	0	28	0.10	86	
03-14-74	34	3.5	136	0	0.42	300	0	56	0.20	122	
04-19-74	NO SAMPLE AVAILABLE - BROKEN IN TRANSIT										
05-20-74	12	3.3	146	0	0.70	225	0	21	0.10	32	
06-24-74	4	3.6	96	0	1.0	150	0	4.6	0.05	7.2	
07-18-74	1	3.1	100	0	1.9	200	0	1.2	0.02	2.4	
*08-16-74	2	3.1	34	0	0.20	175	0	0.80	0.004	4.2	
MIN.	1	3.1	96	0	0.42	150	0	1.2	0.004	2.4	
MAX.	34	3.8	214	0	2.1	600	0	56	0.20	122	
AVG.	11						0	21	0.12	45	

DEER CREEK WATERSHED WEIR NUMBER DC-86 Spring on Little Deer Creek west of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	1	2.6	350	0	9.0	540	0	4.2	0.10	6.5
10-22-73	1	2.8	370	0	11	610	0	4.4	0.10	7.3
11-19-73	4	2.9	300	0	15	550	0	14	0.70	26
12-18-73	6	2.6	670	0	43	650	0	48	3.1	47
01-15-74	12	2.8	500	0	46	550	0	72	6.6	79
*02-13-74	12	2.7	620	0	129	525	0	89	19	76
03-19-74	9	2.8	700	0	84	875	0	76	9.0	95
04-19-74	17	2.6	540	0	71	475	0	110	14	97
05-20-74	12	2.7	510	0	63	550	0	73	9.3	79
06-18-74	2	2.8	580	0	34	450	0	14	0.80	11
07-18-74	2	2.4	700	0	24	600	0	17	0.60	14
08-12-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	2.4	300	0	9.0	450	0	4.2	0.10	6.5
MAX.	17	2.9	700	0	84	875	0	110	14	97
AVG.	6.6						0	43	4.4	46

DEER CREEK WATERSHED WEIR NUMBER DC-87 Intermittent small stream west of Millerstown.

09-25-73	12	2.6	370	0	18	640	0	53	2.6	92
10-22-73	12	3.1	280	0	14	560	0	40	2.0	81
11-19-73	70	3.3	190	0	6.8	420	0	160	5.7	353
12-18-73	34	3.1	170	0	4.2	295	0	69	1.7	120
01-15-74	70	3.1	400	0	13	350	0	336	11	294
02-13-74	70	3.1	208	0	16	300	0	175	13	252
03-01-74	NO SAMPLE AVAILABLE - NOT TAKEN			0	0	0	0	0	0	0
04-19-74	42	3.1	200	0	6.9	250	0	101	3.5	126
05-20-74	123	3.0	170	0	6.8	300	0	251	10	443
06-18-74	12	3.1	200	0	7.8	275	0	29	1.1	40
*07-18-74	12	2.5	800	0	8.0	490	0	115	1.2	71
08-16-74	4	2.5	300	0	12	650	0	14	0.60	31
MIN.	4	2.5	170	0	4.2	250	0	14	0.60	31
MAX.	123	3.3	400	0	18	650	0	336	13	443
AVG.	45						0	123	5.1	183

DEER CREEK WATERSHED WEIR NUMBER DC-88 Gas well on Judith Run southeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	70	3.3	440	0	330	1700	0	370	277	1428
10-22-73	70	4.4	460	0	300	1700	0	386	252	1428
11-20-73	70	3.1	430	0	270	1600	0	361	227	1344
12-18-73	397	2.7	530	0	72	1350	0	2525	342	6431
01-14-74	70	2.8	300	0	83	1075	0	252	70	903
02-13-74	70	3.1	600	0	431	1225	0	504	362	1029
03-14-74	70	2.9	500	0	473	975	0	420	397	819
04-23-74	70	2.8	500	0	251	1150	0	420	211	966
05-22-74	70	4.0	4	0	0.10	13	0	3.4	0.09	11
06-19-74	1	4.5	6	0	1.6	11	0	0.14	0.04	0.26
07-18-74	70	2.7	900	0	385	1700	0	756	323	1428
08-19-74	1	5.3	14	12	2.5	325	0.14	0.20	0.10	39
10-03-74	70	3.0	600	0	324	1925	0	504	272	1617
MIN.	70	2.7	300	0	72	975	0	252	70	819
MAX.	397	4.4	900	0	473	1925	0	2525	397	6431
AVG.	103						0	650	273	1739

DEER CREEK WATERSHED WEIR NUMBER DC-89 Strip mine on unnamed tributary to Judith Run northwest of Haynie.

*10-10-73	1	4.4	11	0	0.20	79	0	0.10	0.002	1.0
10-22-73	1	2.9	320	0	42	720	0	3.8	0.50	8.6
11-20-73	6	3.0	220	0	19	440	0	16	1.4	32
12-18-73	6	2.9	168	0	20	300	0	12	1.5	22
01-15-74	12	3.0	300	0	26	325	0	43	3.8	47
02-13-74	34	3.0	120	0	19	225	0	49	7.7	92
03-14-74	34	3.2	122	0	7.8	200	0	50	3.2	82
04-19-74	22	3.0	180	0	6.8	225	0	48	1.8	59
05-20-74	12	3.0	175	0	7.8	225	0	25	1.1	32
06-19-74	6	3.0	260	0	21	300	0	19	1.5	22
07-17-74	9	2.9	280	0	19	600	0	30	2.0	65
08-15-74	1	2.7	600	0	24	575	0	7.2	0.40	6.9
MIN.	1	2.7	120	0	6.8	200	0	3.8	0.40	6.9
MAX.	34	3.2	600	0	42	720	0	50	7.7	92
AVG.	13						0	28	2.3	43

DEER CREEK WATERSHED WEIR NUMBER DC-90 Strip mine and deep mine (stripped) on unnamed tributary to Judith Run northeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	2	2.3	610	0	97	750	0	15	2.3	18
10-22-73	2	2.7	520	0	85	670	0	13	2.0	16
11-20-73	12	2.9	210	0	21	260	0	30	3.0	37
12-18-73	NO SAMPLE AVAILABLE - BROKEN IN TRANSIT									0
01-15-74	12	2.7	700	0	56	525	0	101	8.0	76
*02-13-74	42	2.6	980	0	304	925	0	494	153	466
03-14-74	70	2.7	300	0	77	425	0	252	65	357
04-19-74	50	2.5	800	0	151	525	0	480	91	315
05-20-74	42	2.6	720	0	140	675	0	363	71	340
06-19-74	22	2.8	1140	0	196	850	0	301	52	224
07-17-74	12	2.6	920	0	119	1225	0	133	17	176
*08-15-74	6	2.6	1000	0	86	800	0	72	6.2	58
MIN.	2	2.3	210	0	21	260	0	13	2.0	16
MAX.	70	2.9	1140	0	196	1225	0	480	91	357
AVG.	25						0	188	35	173

DEER CREEK WATERSHED WEIR NUMBER DC-91 Strip mine on unnamed tributary to Judith Run northeast of Haynie.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	4	4.5	10	0	0.60	67	0	0.50	0.03	3.2
10-22-73	2	4.2	14	0	5.9	82	0	0.30	0.10	2.0
11-20-73	1	4.3	9	0	3.2	62	0	0.20	0.10	1.5
12-18-73	6	4.2	8	0	0.74	35	0	0.60	0.10	2.5
01-15-74	4	4.4	12	2	1.8	43	0.10	0.60	0.10	2.1
02-13-74	4	4.2	8	0	2.5	39	0	0.40	0.10	1.9
03-14-74	4	4.3	8	0	0.42	325	0	0.40	0.02	16
04-19-74	6	4.5	4	0	0.80	150	0	0.30	0.10	11
05-20-74	4	4.1	6	0	3.4	175	0	0.30	0.20	8.4
06-19-74	4	4.2	10	0	2.0	39	0	0.50	0.10	1.9
07-17-74	2	4.4	8	0	1.4	225	0	0.20	0.03	5.4
08-15-74	1	3.9	18	0	1.7	150	0	0.20	0.02	1.8
MIN.	1	3.9	4	0	0.42	39	0	0.20	0.02	1.5
MAX.	6	4.5	18	2	5.9	325	0.10	0.60	0.20	16
AVG.	3.5						0.008	0.38	0.08	4.8

DEER CREEK WATERSHED WEIR NUMBER DC-92 Strip mine on unnamed tributary to Judith Run northeast of Haynie.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	1	3.7	200	0	0.30	450	0	4.8	0.004	5.4
10-22-73	2	4.0	150	0	0.10	440	0	3.6	0.002	11
11-20-73	17	4.2	87	0	0.10	270	0	18	0.02	55
12-18-73	50	3.9	76	0	0	170	0	46	0	102
01-15-74	12	4.1	70	0	0.74	215	0	10	0.10	31
02-13-74	17	4.0	80	0	0	250	0	16	0	51
03-14-74	50	4.1	40	0	0	925	0	24	0	555
04-19-74	NO SAMPLE AVAILABLE - BROKEN IN TRANSIT									0
05-20-74	22	4.0	60	0	1.2	175	0	16	0.30	46
06-19-74	9	4.0	104	0	0.20	225	0	11	0.02	24
07-17-74	12	4.1	112	0	0.10	375	0	16	0.01	54
08-15-74	4	3.5	112	0	0.90	325	0	5.4	0.04	16
MIN.	1	3.5	40	0	0	170	0	3.6	0	5.4
MAX.	50	4.2	200	0	1.2	925	0	46	0.30	555
AVG.	18						0	16	0.05	86

DEER CREEK WATERSHED WEIR NUMBER DC-93 Spring on Judith Run northwest of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	6	3.2	390	0	5.2	1500	0	28	0.40	108
10-23-73	2	3.2	430	0	3.9	1000	0	10	0.10	24
11-20-73	17	3.2	340	0	1.8	660	0	69	0.40	135
12-18-73	28	3.3	202	0	0.59	415	0	68	0.20	139
01-29-74	12	3.4	122	0	0.89	340	0	18	0.10	49
*02-14-74	2	4.0	54	0	0	150	0	1.3	0	3.0
03-14-74	50	3.2	120	0	0.21	225	0	72	0.10	135
05-06-74	17	3.6	164	0	0.60	425	0	34	0.10	87
05-16-74	22	3.5	106	0	0.10	225	0	28	0.03	59
06-18-74	17	3.3	400	0	1.6	600	0	82	0.30	122
07-17-74	6	3.3	330	0	1.6	725	0	24	0.10	52
08-15-74	2	2.9	800	0	5.9	950	0	19	0.10	23
MIN.	2	2.9	106	0	0.10	225	0	10	0.03	23
MAX.	50	3.6	800	0	5.9	1500	0	82	0.40	139
AVG.	16						0	41	0.18	85

DEER CREEK WATERSHED WEIR NUMBER DC-94 Spring on Judith Run northwest of Haynie.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	6	2.8	550	0	11	1400	0	40	0.80	101
10-23-73	2	2.9	570	0	11	1400	0	14	0.30	34
11-20-73	12	2.8	560	0	5.7	1300	0	81	0.80	187
12-18-73	22	2.8	444	0	4.0	850	0	117	1.0	224
01-15-74	17	3.0	500	0	5.4	1075	0	102	1.1	219
02-14-74	2	3.1	470	0	7.4	800	0	11	0.20	19
03-14-74	42	2.9	400	0	9.2	600	0	202	4.6	302
04-23-74	42	2.9	520	0	11	850	0	262	5.7	428
05-16-74	42	3.0	440	0	7.0	650	0	222	3.5	328
06-18-74	9	2.9	640	0	14	850	0	69	1.5	92
07-17-74	6	3.0	620	0	17	1300	0	45	1.2	94
08-15-74	2	2.6	800	0	11	1150	0	19	0.30	28
MIN.	2	2.6	400	0	4.0	600	0	11	0.20	19
MAX.	42	3.1	800	0	17	1400	0	262	5.7	428
AVG.	17						0	99	1.8	171

DEER CREEK WATERSHED WEIR NUMBER DC-95 Strip mine on Judith Run northeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	34	3.0	350	0	16	1100	0	143	6.5	449
10-23-73	12	3.1	340	0	20	1200	0	49	2.9	173
11-20-73	34	3.0	280	0	12	950	0	114	4.9	388
12-18-73	70	3.0	264	0	16	775	0	222	13	651
01-15-74	50	3.1	500	0	21	1010	0	300	12	606
02-14-74	123	3.1	238	0	15	700	0	351	23	1033
03-14-74	397	3.2	222	0	7.8	550	0	1058	37	2620
05-06-74	94	3.2	190	0	4.4	850	0	214	5.0	959
05-16-74	193	3.1	220	0	7.4	575	0	510	17	1332
06-18-74	82	3.1	234	0	13	725	0	231	12	713
07-17-74	6	3.1	280	0	12	1125	0	20	0.80	81
08-15-74	9	2.7	500	0	14	950	0	54	1.5	103
MIN.	6	2.7	190	0	4.4	550	0	20	0.80	81
MAX.	397	3.2	500	0	21	1200	0	1058	37	2620
AVG.	92						0	272	11	759

DEER CREEK WATERSHED WEIR NUMBER DC-96 Strip mine on Judith Run northeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	12	2.9	340	0	12	1200	0	49	1.7	173
10-23-73	4	3.0	270	0	15	1300	0	13	0.70	62
11-20-73	17	3.0	230	0	9.0	1000	0	47	1.8	204
12-18-73	17	3.1	186	0	8.9	950	0	38	1.8	194
01-15-74	22	3.2	228	0	12	600	0	60	3.1	158
02-14-74	22	3.2	220	0	13	575	0	58	3.3	152
03-14-74	22	2.9	400	0	5.8	400	0	106	1.5	106
04-23-74	28	3.1	210	0	4.9	650	0	71	1.7	218
05-16-74	22	3.1	110	0	3.6	425	0	29	1.0	112
06-18-74	12	3.1	278	0	7.5	850	0	40	1.1	122
07-17-74	42	2.9	300	0	18	1125	0	151	8.9	567
08-15-74	6	2.8	400	0	11	1075	0	29	0.80	77
MIN.	4	2.8	110	0	3.6	400	0	13	0.70	62
MAX.	42	3.2	400	0	18	1300	0	151	8.9	567
AVG.	19						0	58	2.2	179

DEER CREEK WATERSHED WEIR NUMBER DC-97 Strip mine on Judith Run northeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	6	3.1	310	0	10	960	0	22	0.70	69
10-23-73	1	3.2	320	0	7.6	940	0	3.8	0.10	11
11-20-73	22	3.1	270	0	7.7	810	0	71	2.0	214
12-18-73	12	3.2	196	0	4.9	600	0	28	0.70	86
01-15-74	60	3.3	284	0	81	675	0	205	5.8	486
02-14-74	50	3.3	292	0	7.9	850	0	175	4.7	510
03-14-74	22	3.1	300	0	4.0	675	0	79	1.1	178
*04-23-74	22	3.2	250	0	3.1	150	0	66	0.80	40
05-16-74	34	3.2	210	0	3.2	575	0	86	1.3	235
06-18-74	17	3.2	320	0	8.9	825	0	65	1.8	168
07-17-74	12	3.0	440	0	12	1300	0	63	1.7	187
08-15-74	1	2.8	500	0	15	875	0	6.0	0.20	11
MIN.	1	2.8	196	0	3.2	575	0	3.8	0.10	11
MAX.	60	3.3	500	0	15	1300	0	205	5.8	510
AVG.	22						0	73	1.7	196

DEER CREEK WATERSHED WEIR NUMBER DC-98 Strip mine on unnamed tributary to Judith Run north of Haynie.

10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE	- FROZEN	0	0	0	0	0	0	0	0
01-15-74	1	3.1	300	0	8.4	275	0	3.6	0.10	3.3
02-14-74	NO SAMPLE AVAILABLE	- FROZEN	0	0	0	0	0	0	0	0
*03-18-74	12	3.2	242	0	95	300	0	35	14	43
04-23-74	6	3.0	260	0	5.9	250	0	19	0.40	18
05-15-74	6	3.1	180	0	4.9	200	0	13	0.40	14
06-13-74	2	2.9	228	0	12	325	0	5.5	0.30	7.8
07-16-74	2	2.9	420	0	18	575	0	10	0.40	14
08-15-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	1	2.9	180	0	4.9	200	0	3.6	0.10	3.3
MAX.	6	3.1	420	0	18	575	0	19	0.40	18
AVG.	3.4						0	10	0.32	11

DEER CREEK WATERSHED WEIR NUMBER DC-99 Deep mine (stripped) on unnamed tributary to Judith Run north of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
*12-18-73	12	2.7	1240	0	78	1900	0	179	11	274
*01-15-74	12	2.6	1200	0	97	2050	0	173	14	295
02-14-74	28	2.5	1800	0	800	2575	0	605	269	865
03-18-74	28	2.5	1100	0	114	1825	0	370	38	613
04-19-74	22	2.6	1300	0	260	1825	0	343	69	482
05-15-74	12	2.7	1400	0	286	1950	0	202	41	281
06-13-74	12	2.6	600	0	223	1950	0	86	32	281
07-15-74	6	2.3	1700	0	261	2225	0	122	19	160
08-13-74	2	2.6	1300	0	267	2375	0	31	6.4	57
MIN.	2	2.3	600	0	114	1825	0	31	6.4	57
MAX.	28	2.7	1800	0	800	2575	0	605	269	865
AVG.	16						0	251	68	391

DEER CREEK WATERSHED WEIR NUMBER DC-100 Deep and strip mine on unnamed tributary to Judith Run north of Haynie.

10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE	- FROZEN	0	0	0	0	0	0	0	0
01-15-74	1	2.8	500	0	57	725	0	6.0	0.70	8.7
*02-14-74	2	2.6	3600	0	587	1925	0	86	14	46
03-18-74	17	2.6	500	0	73	700	0	102	15	143
04-19-74	6	2.6	800	0	126	775	0	58	9.1	56
05-15-74	22	2.8	400	0	62	450	0	106	16	119
06-13-74	1	2.5	2100	0	382	3375	0	25	4.6	41
07-15-74	1	2.1	2200	0	285	2500	0	26	3.4	30
08-13-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	1	2.1	400	0	57	450	0	6.0	0.70	8.7
MAX.	22	2.8	2200	0	382	3375	0	106	16	143
AVG.	8.0						0	54	8.1	66

DEER CREEK WATERSHED WEIR NUMBER DC-101 Spring on unnamed tributary to Deer Creek southeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-15-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
02-14-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
03-21-74	70	4.3	34	0	0.43	100	0	29	0.40	84
04-30-74	139	4.0	18	0	0	57	0	30	0	95
05-21-74	6	4.1	24	0	0	150	0	1.7	0	11
06-13-74	6	4.0	26	0	0.90	150	0	1.9	0.10	11
07-18-74	1	3.5	48	0	0.10	300	0	0.60	0.001	5.4
08-16-74	2	3.6	30	0	0.60	150	0	0.70	0.01	5.4
MIN.	1	3.5	18	0	0	57	0	0.60	0	5.4
MAX.	139	4.3	48	0	0.90	300	0	30	0.40	95
AVG.	37						0	11	0.09	35

DEER CREEK WATERSHED WEIR NUMBER DC-102 Strip mine on unnamed tributary to Deer Creek southwest of Haynie.

10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0
11-20-73	12	3.4	260	0	6.1	770	0	37	0.90
*12-18-73	12	4.4	6	2	0.74	50	0.29	0.90	0.10
01-15-74	22	3.7	252	0	2.7	550	0	67	0.70
02-14-74	12	3.6	310	0	3.2	575	0	45	0.50
03-20-74	70	3.6	230	0	0.67	350	0	193	0.60
04-23-74	180	3.6	300	0	0.70	650	0	389	0.90
05-16-74	70	3.8	156	0	0.60	425	0	131	0.50
06-18-74	12	3.6	320	0	1.0	675	0	46	0.10
07-16-74	2	3.6	264	0	2.4	725	0	6.3	0.10
08-15-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0
MIN.	2	3.4	156	0	0.60	350	0	6.3	0.10
MAX.	180	3.8	320	0	6.1	770	0	389	0.90
AVG.	48						0	114	0.54

DEER CREEK WATERSHED WEIR NUMBER DC-103 Strip mine on unnamed tributary to Deer Creek southwest of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
01-15-74	1	4.2	22	0	1.4	130	0	0.30	0.02	1.6
02-14-74	1	4.2	20	0	0.59	150	0	0.20	0.007	1.8
03-20-74	4	4.3	28	0	0	180	0	1.3	0	8.6
04-23-74	1	4.3	24	0	0	100	0	0.60	0	1.2
05-16-74	2	4.2	32	0	0.10	150	0	0.80	0.002	3.6
06-18-74	1	4.0	20	0	1.4	100	0	0.20	0.02	1.2
07-15-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
MIN.	1	4.0	20	0	0	100	0	0.20	0	1.2
MAX.	4	4.3	32	0	1.4	180	0	1.3	0.02	8.6
AVG.	1.7						0	0.57	0.008	3.0

DEER CREEK WATERSHED WEIR NUMBER DC-104 Strip mine on unnamed tributary to Deer Creek southwest of Haynie.

10-09-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	
10-23-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	
12-18-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	
01-15-74	4	4.0	18	0	2.5	130	0	0.90	0.10	6.2
02-14-74	4	4.1	12	0	1.1	130	0	0.60	0.10	6.2
03-20-74	12	4.3	12	0	0.89	110	0	1.7	0.10	16
04-23-74	6	4.2	12	0	0.70	150	0	0.90	0.10	11
05-16-74	9	4.3	8	0	0.30	71	0	0.90	0.03	7.7
06-18-74	2	4.0	28	0	1.3	150	0	0.70	0.03	3.6
*07-16-74	1	3.8	22	0	30	325	0	0.30	0.40	3.9
08-13-74	1	3.2	50	0	13	425	0	0.60	0.20	5.1
MIN.	1	3.2	8	0	0.30	71	0	0.60	0.03	3.6
MAX.	12	4.3	50	0	13	425	0	1.7	0.20	16
AVG.	5.4						0	0.90	0.09	8.0

DEER CREEK WATERSHED WEIR NUMBER DC-106 Strip mine on Deer Creek southwest of Haynie. Intermittent small stream southwest of Haynie. Weir moved to location DC-106A after 2-14-74.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
10-22-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE	- DRY	0	0	0	0	0	0	0	0
12-18-73	12	3.7	74	0	0.15	210	0	11	0.002	30
01-17-74	2	4.0	156	0	0.15	415	0	3.7	0.004	10
02-14-74	6	4.1	70	0	0.29	220	0	5.0	0.02	16
03-20-74	193	3.6	46	0	2.7	195	0	107	6.2	452
04-23-74	6	3.9	142	0	0.20	350	0	10	0.01	25
05-16-74	123	3.7	40	0	1.9	100	0	59	2.8	148
06-17-74	42	3.1	92	0	3.2	100	0	46	1.6	50
*07-15-74	6	2.8	1000	0	7.5	495	0	72	0.50	36
08-13-74	17	2.9	500	0	8.4	800	0	102	1.7	163
MIN. (DC-106)	2	3.7	70	0	0.15	210	0	3.7	0.004	10
MAX. (DC-106)	12	4.1	156	0	0.29	415	0	11	0.02	30
AVG. (DC-106)	6.7						0	6.6	0.01	19
MIN. (DC-106A)	6	2.9	46	0	0.20	100	0	10	0.01	25
MAX. (DC-106A)	193	3.9	500	0	8.4	800	0	102	6.2	452
AVG. (DC-106A)	76						0	65	2.5	168

DEER CREEK WATERSHED WEIR NUMBER DC-107 Strip mine on unnamed tributary to Deer Creek southwest of Haynie.

09-27-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-22-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
12-18-73	6	5.4	4	4	0.59	45	0.30	0.30	0.04	3.2
01-17-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
02-14-74	2	5.3	2	4	0	19	0.10	0.10	0	0.50
04-04-74	28	4.3	12	0	4.7	55	0	4.0	1.6	18
04-23-74	4	5.1	6	4	0	50	0.20	0.30	0	2.5
05-16-74	2	4.7	4	2	0	17	0.10	0.10	0	0.40
06-18-74	1	4.8	10	4	0.10	24	0.05	0.10	0.001	0.30
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	4.3	2	0	0	17	0	0.10	0	0.30
MAX.	28	5.4	12	4	4.7	55	0.30	4.0	1.6	18
AVG.	7.2						0.13	0.87	0.27	4.2

DEER CREEK WATERSHED WEIR NUMBER DC-108 Railroad cut on unnamed tributary to Deer Creek southwest of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	4	2.8	340	0	67	1500	0	16	3.2	72
10-22-73	4	2.9	280	0	75	1300	0	13	3.6	62
11-20-73	28	2.8	130	0	29	660	0	44	9.7	222
12-18-73	12	3.0	196	0	50	775	0	28	7.2	112
01-17-74	9	2.9	300	0	39	600	0	32	4.2	65
02-14-74	6	2.9	600	0	99	775	0	43	7.1	56
04-04-74	12	2.9	120	0	27	290	0	17	3.9	42
04-23-74	22	2.9	320	0	58	725	0	85	15	191
*05-16-74	6	2.9	24	0	60	775	0	1.8	4.4	56
06-17-74	12	2.9	400	0	52	1025	0	58	7.5	148
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-13-74	6	2.7	600	0	57	1575	0	43	4.1	113
MIN.	4	2.7	120	0	27	290	0	13	3.2	42
MAX.	28	3.0	600	0	99	1575	0	85	15	222
AVG.	12						0	38	6.6	108

DEER CREEK WATERSHED WEIR NUMBER DC-109 Deep mine on unnamed tributary to Deer Creek southwest of Billings.

09-27-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-22-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
*11-20-73	1	3.4	32	0	4.8	43	0	0.80	0.10	1.0
12-18-73	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
01-17-74	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
02-14-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
*03-14-74	6	2.7	1200	0	694	1225	0	86	50	88
*04-23-74	12	2.5	1740	0	558	1550	0	251	80	223
05-24-74	6	2.7	320	0	53	425	0	23	3.8	31
06-17-74	6	3.0	240	0	27	300	0	17	1.9	22
07-18-74	2	2.4	700	0	13	925	0	17	0.30	22
08-13-74	6	2.8	400	0	28	950	0	29	2.0	68
MIN.	2	2.4	240	0	13	300	0	17	0.30	22
MAX.	6	3.0	700	0	53	950	0	29	3.8	68
AVG.	5.0						0	22	2.0	36

DEER CREEK WATERSHED WEIR NUMBER DC-110 Runoff from Tipple on Deer Creek northeast of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
10-22-73	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
11-20-73	1	6.1	0	31	1.2	38	0.40	0	0.01	0.50
12-18-73	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
01-17-74	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
02-14-74	2	6.5	8	90	29	175	2.2	0.20	0.70	4.2
03-14-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
04-23-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
05-24-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	0	6.1	0	31	1.2	38	0.40	0.0	0.01	0.50
MAX.	2	6.5	8	90	29	175	2.2	0.20	0.70	4.2
AVG.	1.5						1.3	0.10	0.36	2.4

DEER CREEK WATERSHED WEIR NUMBER DC-111 Deep mine on unnamed tributary to Deer Creek south of Billings.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-22-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-20-73	4	3.5	42	0	1.3	67	0	2.0	0.10	3.2
12-18-73	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
01-14-74	4	3.6	40	0	1.7	45	0	1.9	0.10	2.2
02-14-74	2	4.9	12	4	1.8	62	0.10	0.30	0.04	1.5
04-04-74	12	3.4	40	0	5.0	150	0	5.8	0.72	21
04-23-74	12	3.6	32	0	0.40	200	0	4.6	0.10	29
05-16-74	6	3.5	38	0	1.2	175	0	2.8	0.10	13
06-13-74	1	3.4	26	0	1.3	150	0	0.30	0.02	1.8
07-15-74	1	3.2	38	0	0.90	30	0	0.50	0.01	0.40
08-12-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	1	3.2	12	0	0.40	30	0	0.30	0.01	0.40
MAX.	12	4.9	42	4	5.0	200	0.10	5.8	0.72	29
AVG.	5.3						0.01	2.3	0.15	9.0

DEER CREEK WATERSHED WEIR NUMBER DC-112 Strip mine on unnamed tributary to Deer Creek southeast of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-22-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-20-73	6	4.3	18	0	0.10	120	0	1.3	0.007	8.6
12-18-73	12	4.2	12	0	0.15	70	0	1.7	0.02	10
01-17-74	12	4.4	12	2	0.15	96	0.30	1.7	0.02	14
02-14-74	4	4.4	16	0	4.0	128	0	0.80	0.20	6.1
04-14-74	6	4.1	20	0	4.3	55	0	1.4	0.31	4.0
04-23-74	6	4.9	2	4	0.10	175	0.30	0.20	0.007	13
05-16-74	6	4.0	20	0	0.30	225	0	1.4	0.02	16
06-12-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
08-12-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	4	4.0	2	0	0.10	55	0	0.20	0.007	4.0
MAX.	12	4.9	20	4	4.3	225	0.30	1.7	0.31	16
AVG.	7.4						0.09	1.2	0.08	10

DEER CREEK WATERSHED WEIR NUMBER DC-113 Intermittent small stream on northwest fork of Deer Creek northwest of Shipperville Station.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-17-74	12	5.0	4	6	0	29	0.90	0.60	0	4.2
02-14-74	17	5.7	4	4	0.15	27	0.80	0.80	0.03	5.5
03-18-74	34	5.1	6	2	0	40	0.80	2.4	0	16
04-24-74	22	5.3	2	6	0	35	1.6	0.50	0	9.3
05-22-74	4	4.5	8	0	2.0	34	0	0.40	0.10	1.6
06-18-74	1	4.3	30	0	4.1	150	0	0.40	0.10	1.8
07-18-74	1	3.9	12	0	5.4	120	0	0.10	0.10	1.4
08-16-74	1	3.3	32	0	0.50	425	0	0.40	0.006	5.1
MIN.	1	3.3	2	0	0	27	0	0.10	0	1.4
MAX.	34	5.7	32	6	5.4	425	1.6	2.4	0.10	16
AVG.	12						0.51	0.70	0.04	5.6

DEER CREEK WATERSHED WEIR NUMBER DC-114 Strip mine on northwest fork of Deer Creek northwest of Shipperville Station.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
10-23-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
11-20-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
01-17-74	NO SAMPLE AVAILABLE - FROZEN		0	0	0	0	0	0	0	0
02-14-74	6	4.0	206	0	0.44	350	0	15	0.03	25
03-18-74	28	3.7	302	0	0.21	475	0	102	0.10	160
04-24-74	34	3.9	208	0	0.20	525	0	85	0.10	214
05-22-74	34	3.9	2.0	0	4.7	475	0	86	1.9	194
06-18-74	6	3.5	204	0	0.70	850	0	15	0.10	61
07-18-74	2	3.2	248	0	0.90	600	0	6.0	0.02	14
08-16-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
MIN.	2	3.2	204	0	0.20	350	0	6.0	0.02	14
MAX.	34	4.0	302	0	4.7	850	0	102	1.9	214
AVG.	18						0	52	0.38	111

DEER CREEK WATERSHED WEIR NUMBER DC-115 Strip mine on northwest fork of Deer Creek northwest of Shipperville Station.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73				0	0	0	0	0	0	0
10-23-73				0	0	0	0	0	0	0
11-20-73				0	0	0	0	0	0	0
12-18-73				0	0	0	0	0	0	0
01-17-74				0	0	0	0	0	0	0
02-14-74	2	4.0	200	0	0.15	325	0	4.8	0.004	7.8
03-18-74	2	3.9	240	0	0.21	350	0	5.8	0.005	8.4
04-24-74	4	4.0	164	0	0.10	425	0	7.9	0.005	20
05-22-74	2	3.8	230	0	0.70	475	0	5.5	0.02	11
06-18-74	2	3.5	318	0	0.60	950	0	7.6	0.01	23
07-18-74	1	3.0	1100	0	1.9	1100	0	13	0.02	13
08-16-74				0	0	0	0	0	0	0
MIN.	1	3.0	164	0	0.10	325	0	4.8	0.004	7.8
MAX.	4	4.0	1100	0	1.9	1100	0	13	0.02	23
AVG.	2.2						0	7.4	0.01	14

DEER CREEK WATERSHED WEIR NUMBER DC-116 (Moved to location No. 116A after 2/04/74)
Strip Mine on Northwest Fork of Deer Creek Northwest of Shipperville Station.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	1	2.7	1300	0	64	2800	0	16	0.80	34
10-23-73	2	3.0	1200	0	120	2600	0	29	2.9	62
11-20-73	2	2.7	1200	0	62	2300	0	29	1.5	55
12-18-73				0	0	0	0	0	0	0
01-17-74	2	3.0	1640	0	40	1400	0	39	1.0	34
02-14-74	6	3.0	894	0	50	1325	0	64	3.6	95
04-04-74	123	3.1	384	0	15	400	0	567	22	590
04-24-74	22	3.1	500	0	16	600	0	132	4.3	158
05-16-74	34	3.0	670	0	20	850	0	273	3.0	347
06-17-74	12	2.8	440	0	20	925	0	63	2.9	133
07-18-74	2	2.5	1100	0	15	1000	0	26	0.40	24
08-15-74				0	0	0	0	0	0	0
MIN.(DC-116)	1	2.7	894	0	40	1325	0	16	0.80	34
MAX.(DC-116)	6	3.0	1640	0	120	2800	0	64	3.6	95
AVG.(DC-116)	2.6							35	2.0	56
MIN.(DC-116A)	2	2.5	384	0	15	400	0	26	0.40	24
MAX.(DC-116A)	123	3.1	1100	0	20	1000	0	567	22	590
AVG.(DC-116A)	39						0	212	6.5	250

DEER CREEK WATERSHED WEIR NUMBER DC-117 Spring on northwest Fork of Deer Creek northwest of Shipperville Station.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	1	3.7	230	0	5.4	410	0	2.8	0.10	4.9
10-23-73	2	3.9	250	0	1.2	510	0	6.0	0.03	12
11-20-73	2	3.8	230	0	0.40	430	0	5.5	0.01	10
12-18-73				0	0	0	0	0	0	0
01-17-74	2	3.9	270	0	5.4	395	0	6.5	0.10	9.5
*02-14-74	6	3.9	226	0	0.15	300	0	16	0.01	22
04-04-74	9	3.7	216	0	5.9	275	0	23	0.64	30
04-24-74	22	3.8	284	0	0.20	525	0	75	0.10	139
05-15-74	17	3.8	210	0	0.40	250	0	43	0.10	51
06-13-74	1	3.6	182	0	1.5	300	0	2.2	0.02	3.6
*07-15-74	1	3.0	700	0	3.8	425	0	8.4	0.05	5.1
*08-13-74	2	6.0	50	0	4.3	275	0	1.2	0.10	6.6
MIN.	1	3.0	182	0	0.15	250	0	2.2	0.01	3.6
MAX.	22	3.9	700	0	5.9	525	0	75	0.64	139
AVG.	6.3						0	19	0.12	29

DEER CREEK WATERSHED WEIR NUMBER DC-118 Strip mine on northwest Fork of Deer Creek northwest of Shipperville Station.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	2	3.6	110	0	1.4	390	0	2.6	0.04	9.4
10-23-73	2	3.8	160	0	1.2	330	0	3.8	0.03	7.9
11-20-73	12	3.8	120	0	0.70	230	0	17	0.10	33
12-18-73	12	3.7	120	0	2.7	225	0	17	0.40	32
01-17-74	28	4.1	100	0	0.59	205	0	34	0.20	69
*02-14-74	12	4.2	102	0	1.2	75	0	15	0.20	11
04-04-74	50	3.8	96	0	4.9	200	0	58	2.9	120
04-24-74	34	3.9	84	0	0.90	150	0	34	0.40	61
05-15-74	42	3.9	110	0	0.30	150	0	55	0.20	76
06-13-74	1	3.4	122	0	11	275	0	1.5	0.10	3.3
*07-15-74	2	2.7	1100	0	73	775	0	26	1.8	19
08-13-74	2	2.8	400	0	88	950	0	9.5	2.1	23
MIN.	1	2.8	84	0	0.30	150	0	1.5	0.03	3.3
MAX.	50	4.1	400	0	88	950	0	58	2.9	120
AVG.	19						0	23	0.65	43

DEER CREEK WATERSHED WEIR NUMBER DC-119 Strip mine on unnamed tributary to Little Deer Creek northwest of Millerstown.

09-25-73	6	2.5	800	0	53	1300	0	58	3.8	94
10-22-73	4	2.8	660	0	61	1200	0	32	2.9	58
11-19-73	22	2.9	550	0	50	920	0	145	13	243
12-18-73	123	2.9	360	0	30	400	0	531	45	590
01-17-74	50	3.0	480	0	29	775	0	288	18	465
02-13-74	123	2.9	354	0	34	550	0	523	51	812
03-14-74	236	2.9	400	0	17	325	0	1133	48	920
04-19-74	123	3.0	240	0	14	375	0	354	21	554
05-20-74	82	2.9	300	0	15	550	0	295	15	541
06-18-74	42	2.7	340	0	28	875	0	171	14	441
07-18-74	12	2.4	1000	0	26	950	0	144	3.7	137
08-16-74	12	2.4	900	0	29	1350	0	130	4.1	194
MIN.	4	2.4	240	0	14	325	0	32	2.9	58
MAX.	236	3.0	1000	0	61	1350	0	1133	51	920
AVG.	70						0	317	20	421

DEER CREEK WATERSHED WEIR NUMBER DC-120 See page on unnamed tributary to Licking Creek north of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-27-73	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
10-23-73	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
11-20-73	1	2.6	450	0	46	600	0	5.4	0.60	7.2
12-18-73	1	2.7	764	0	40	700	0	9.2	0.50	8.4
01-17-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
02-18-74	1	2.6	100	0	72	875	0	1.2	0.90	11
03-19-74	4	2.7	490	0	40	400	0	24	1.9	19
04-16-74	22	2.6	380	0	44	350	0	100	0.90	92
05-15-74	6	2.8	420	0	42	300	0	30	3.0	22
06-13-74	6	2.7	500	0	57	525	0	36	4.1	38
07-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
08-12-74	2	3.0	500	0	26	450	0	12	0.60	11
MIN.	1	2.6	100	0	26	300	0	1.2	0.50	7.2
MAX.	22	3.0	764	0	72	875	0	100	4.1	92
AVG.	5.4						0	27	1.6	26

DEER CREEK WATERSHED WEIR NUMBER DC-121 See page on unnamed tributary to Licking Creek north of Lucinda.

10-10-73	1	2.7	360	0	39	500	0	4.3	0.50	6.0
10-23-73	1	2.7	400	0	54	610	0	4.8	0.70	7.3
11-21-73	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
12-18-73	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
01-17-74	12	3.2	174	0	11	245	0	25	1.5	35
02-18-74	12	2.8	80	0	38	725	0	12	5.5	104
03-19-74	12	2.8	300	0	34	575	0	43	5.0	83
*04-16-74	12	2.9	200	0	18	325	0	29	2.6	47
05-15-74	17	2.9	260	0	22	575	0	53	4.5	117
06-13-74	2	2.8	400	0	28	775	0	9.6	0.70	19
*07-18-74	1	2.4	1300	0	16	1100	0	16	0.20	13
08-12-74	1	3.3	100	0	4.7	375	0	1.2	0.10	4.5
MIN.	1	2.7	80	0	4.7	245	0	1.2	0.10	4.5
MAX.	17	3.3	400	0	54	775	0	53	5.5	117
AVG.	7.3						0	19	2.3	47

DEER CREEK WATERSHED WEIR NUMBER DC-122 Gas well on Little Deer Creek northwest of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-25-73	2	6.7	0	46	0.50	7	1.1	0	0.01	0.20
10-22-73	2	7.0	0	53	16	50	1.3	0	0.40	1.2
11-19-73	2	6.4	0	55	19	22	1.3	0	0.50	0.50
12-18-73	2	7.4	0	110	14	24	2.6	0	0.30	0.60
01-17-74	1	7.0	0	102	9.4	35	1.2	0	0.10	0.40
*02-13-74	2	6.2	518	112	143	35	2.7	12	3.4	0.80
03-14-74	2	6.0	60	140	8.1	150	3.4	1.4	0.20	3.6
04-19-74	2	6.3	0	92	4.3	50	2.2	0	0.10	1.2
05-20-74	2	5.9	8	110	17	175	2.6	0.20	0.40	4.2
06-18-74	2	5.6	4	110	6.5	250	2.6	0.10	0.20	6.0
07-18-74	4	5.8	36	94	44	125	4.5	1.7	2.1	6.0
08-16-74	6	6.0	0	100	5.4	150	7.2	0	0.40	11
MIN.	1	5.6	0	46	0.50	7	1.1	0	0.01	0.20
MAX.	6	7.4	60	140	44	250	7.2	1.7	2.1	11
AVG.	2.5						2.7	0.31	0.43	3.2

DEER CREEK WATERSHED WEIR NUMBER DC-123 Deep mine and strip mine on unnamed tributary to Little Paint Creek east of Millerstown.

10-23-73	12	2.9	590	0	78	1700	0	85	11	245
11-21-73	34	2.9	510	0	36	1200	0	208	15	490
12-18-73	34	3.1	296	0	27	800	0	121	11	326
01-17-74	236	3.2	230	0	23	505	0	651	64	1430
02-13-74	60	3.0	518	0	42	1100	0	373	30	792
03-19-74	123	3.1	320	0	24	675	0	472	36	996
04-19-74	123	3.0	400	0	25	675	0	590	37	996
05-17-74	70	2.9	370	0	30	825	0	311	26	693
06-17-74	34	2.7	440	0	43	1325	0	180	18	541
07-15-74	28	2.2	800	0	42	1475	0	269	14	496
08-15-74	6	2.8	700	0	55	1950	0	50	4.0	140
MIN.	6	2.2	230	0	23	505	0	50	4.0	140
MAX.	236	3.2	800	0	78	1950	0	651	64	1430
AVG.	69						0	301	24	650

DEER CREEK WATERSHED WEIR NUMBER DC-124 Deep mine on unnamed tributary to Little Paint Creek east of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-73	12	3.0	720	0	66	1200	0	104	9.5	173
11-21-73	2	2.9	770	0	52	1300	0	19	1.2	31
12-18-73	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
01-17-74	4	3.0	560	0	25	700	0	27	1.2	34
02-14-74	2	3.1	480	0	26	725	0	12	0.60	17
03-19-74	1	2.8	700	0	91	1025	0	8.4	1.1	12
04-19-74	6	2.7	780	0	110	950	0	56	7.9	68
05-17-74	4	2.6	1300	0	99	1550	0	62	4.7	74
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-16-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	2.6	480	0	25	700	0	8.4	0.60	12
MAX.	12	3.1	1300	0	110	1550	0	104	9.5	173
AVG.	4.4						0	41	3.7	58

DEER CREEK WATERSHED WEIR NUMBER DC-125 Deep mine on unnamed tributary to Little Paint Creek east of Millerstown.

10-23-73	1	2.8	860	0	14	1800	0	10	0.20	22
11-21-73	1	2.8	980	0	10	1700	0	12	0.10	20
12-18-73	2	2.9	702	0	13	1025	0	17	0.30	25
01-17-74	2	2.8	656	0	17	975	0	16	0.40	23
02-14-74	9	2.8	500	0	21	825	0	54	2.2	89
03-19-74	17	2.9	500	0	22	500	0	102	4.5	102
04-19-74	22	2.7	640	0	25	575	0	169	6.8	152
05-17-74	12	2.7	570	0	23	850	0	82	3.4	122
06-17-74	4	2.6	740	0	16	1375	0	36	0.80	66
07-17-74	2	2.9	900	0	12	1200	0	22	0.30	29
*08-15-74	1	2.8	2000	0	11	1550	0	24	0.10	19
MIN.	1	2.6	500	0	10	500	0	10	0.10	20
MAX.	22	2.9	980	0	25	1800	0	169	6.8	152
AVG.	7.2						0	52	1.9	65

DEER CREEK WATERSHED WEIR NUMBER DC-126 Deep mine on unnamed tributary to Little Paint Creek east of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-73	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
11-21-73	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
01-17-74	2	2.7	1100	0	33	1725	0	26	0.80	41
02-14-74	2	2.8	800	0	72	1025	0	19	1.7	25
03-15-74	12	2.7	700	0	31	1050	0	101	4.5	151
04-19-74	6	2.8	780	0	29	925	0	56	2.1	67
05-17-74	1	2.7	770	0	21	1200	0	9.2	0.30	14
06-17-74	2	2.3	920	0	18	1375	0	22	0.40	33
07-17-74	1	2.9	740	0	13	1375	0	8.9	0.20	17
08-13-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	2.3	700	0	13	925	0	8.9	0.20	14
MAX.	12	2.9	1100	0	72	1725	0	101	4.5	151
AVG.	0.14						0	35	1.4	50

DEER CREEK WATERSHED WEIR NUMBER DC-127 Deep mine on unnamed tributary to Little Paint Creek east of Millerstown.

10-23-73	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
11-21-73	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
12-18-73	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
01-17-74	2	3.1	600	0	3.0	975	0	14	0.10	23
02-14-74	6	3.3	440	0	2.4	1425	0	32	0.20	103
03-15-74	9	3.2	534	0	1.5	925	0	58	0.20	100
04-19-74	4	3.3	400	0	1.3	900	0	19	0.10	43
05-17-74	6	3.2	470	0	1.7	850	0	34	0.10	61
06-17-74	2	3.0	680	0	2.3	1300	0	16	0.10	31
07-17-74	1	3.1	620	0	2.6	1275	0	7.4	0.03	15
08-16-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	3.0	400	0	1.3	850	0	7.4	0.03	15
MAX.	9	3.3	680	0	3.0	1425	0	58	0.20	103
AVG.	4.3						0	26	0.12	54

DEER CREEK WATERSHED WEIR NUMBER DC-128 Deep mine on unnamed tributary to Little Paint Creek east of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
10-23-73	1	2.8	2300	0	430	2600	0	28	5.2	31
11-21-73	1	2.6	2600	0	410	5100	0	31	4.9	61
12-18-73	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
01-17-74	2	2.6	1000	0	51	1450	0	24	1.2	35
02-14-74	6	2.7	1600	0	178	1825	0	115	13	131
03-15-74	28	2.7	800	0	69	825	0	269	23	277
04-19-74	42	2.7	820	0	92	1125	0	413	47	567
05-17-74	28	2.7	1400	0	112	1475	0	470	38	496
06-17-74	2	2.6	1880	0	102	2750	0	45	2.4	66
07-17-74	6	2.7	2540	0	168	2250	0	183	12	162
08-15-74	2	2.6	3700	0	150	3100	0	99	3.6	74
MIN.	1	2.6	800	0	51	825	0	24	1.2	31
MAX.	42	2.8	3700	0	430	5100	0	470	47	567
AVG.	12						0	168	15	190

DEER CREEK WATERSHED WEIR NUMBER DC-129 Deep mine (stripped) on Cooper Run east of Millerstown.

10-23-73	2	2.9	720	0	21	1800	0	17	0.50	43
11-21-73	2	2.9	740	0	17	1600	0	18	0.40	38
12-18-73	2	3.1	534	0	16	1075	0	13	0.40	26
01-17-74	2	3.1	600	0	16	850	0	14	0.40	20
02-14-74	6	3.1	460	0	16	1100	0	33	1.1	79
03-19-74	6	3.2	380	0	7.4	525	0	27	0.50	38
04-24-74	4	3.1	300	0	6.0	600	0	14	0.30	29
05-22-74	4	3.0	430	0	6.0	650	0	21	0.30	31
06-19-74	1	2.9	540	0	10	1300	0	6.5	0.10	16
07-17-74	2	2.9	760	0	13	1375	0	18	0.30	33
08-19-74	1	2.7	820	0	18	1375	0	9.8	0.20	6.5
MIN.	1	2.7	300	0	6.0	525	0	6.5	0.10	6.5
MAX.	6	3.2	820	0	21	1800	0	33	1.1	79
AVG.	2.9						0	17	0.41	33

DEER CREEK WATERSHED WEIR NUMBER DC-130 Deep mine on Mahles Run northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-14-74	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
03-19-74	4	4.0	6	0	0.44	19	0	0.30	0.02	0.90
04-16-74	4	3.9	8	0	5.0	20	0	0.40	0.20	1.0
*05-22-74	4	2.9	200	0	4.1	325	0	9.6	0.20	16
06-19-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-13-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	4	3.9	6	0	0.44	19	0	0.30	0.02	0.90
MAX.	4	4.0	8	0	5.0	20	0	0.40	0.20	1.0
AVG.	4.0						0	0.35	0.11	0.95

DEER CREEK WATERSHED WEIR NUMBER DC-131 Deep mine on Mahles Run northwest of Huefner.

02-14-74	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
03-19-74	28	3.1	200	0	2.2	225	0	67	0.80	76
04-16-74	22	2.9	148	0	2.0	225	0	39	0.50	59
05-22-74	1	3.7	20	0	0.20	225	0	0.50	0.002	5.4
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-12-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	2.9	20	0	0.20	225	0	0.50	0.002	5.4
MAX.	28	3.7	200	0	2.2	225	0	67	0.80	76
AVG.	17.						0	36	0.43	47

DEER CREEK WATERSHED WEIR NUMBER DC-132 Deep mine (stripped) on Coal Run just North of I-80.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-14-74	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
03-21-74	22	3.2	238	0	8.7	325	0	63	2.4	86
04-24-74	2	3.0	400	0	12	375	0	9.8	0.30	9.0
05-15-74	12	3.0	480	0	11	450	0	69	1.6	65
06-11-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	1	2.9	700	0	4.8	325	0	8.4	0.10	3.9
08-16-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	2.9	238	0	4.8	325	0	8.4	0.10	3.9
MAX.	22	3.2	700	0	12	450	0	69	2.4	86
AVG.	9.3						0	35	1.1	41

DEER CREEK WATERSHED WEIR NUMBER DC-133 Stripmine on Boyd Run south of Elk City.

02-18-74	70	3.9	118	0	0	325	0	99	0	273
03-19-74	70	4.0	60	0	0.87	205	0	50	0.80	172
04-24-74	22	3.9	110	0	0.10	225	0	29	0.03	59
NOTE: See 133A and 133B.										
MIN.	22	3.9	60	0	0	205	0	29	0	59
MAX.	70	4.0	118	0	0.87	325	0	99	0.80	273
AVG.	54						0	59	0.28	168

DEER CREEK WATERSHED WEIR NUMBER DC-133A Strip mine on Boyd Run south of Elk City.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
05-15-74	34	3.8	132	0	0.10	100	0	54	0.04	41
06-13-74	2	3.6	140	0	2.5	275	0	3.4	0.10	6.6
07-16-74	2	3.4	158	0	19	525	0	3.8	0.50	13
08-13-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	2	3.4	132	0	0.10	100	0	3.4	0.04	6.6
MAX.	34	3.6	158	0	19	525	0	54	0.50	41
AVG.	12						0	20	0.21	20

DEER CREEK WATERSHED WEIR NUMBER DC-133B Strip mine on Boyd Run south of Elk City

05-15-74	2	4.0	124	0	0.10	226	0	3.0	0.002	5.4
06-17-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
07-16-74	1	3.6	144	0	2.4	625	0	1.7	0.03	7.5
08-13-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	1	3.6	124	0	0.10	226	0	1.7	0.002	5.4
MAX.	2	4.0	144	0	2.4	625	0	3.0	0.03	7.5
AVG.	1.5						0	2.4	0.02	6.5

DEER CREEK WATERSHED WEIR NUMBER DC-134 Strip mine on unnamed tributary to Deer Creek south of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	17	2.6	760	0	209	900	0	155	43	184
03-13-74	70	2.9	1400	0	264	1025	0	1176	222	861
04-15-74	22	2.6	860	0	258	1050	0	227	68	277
05-15-74	34	2.7	1000	0	206	825	0	408	84	337
06-18-74	6	2.6	740	0	132	900	0	53	9.5	65
*07-15-74	22	2.4	1400	0	129	600	0	370	34	158
08-13-74	22	2.7	700	0	91	775	0	185	24	205
MIN.	6	2.6	700	0	91	775	0	53	9.5	65
MAX.	34	2.9	1400	0	264	1050	0	1176	222	861
AVG.	29						0	367	75	322

DEER CREEK WATERSHED WEIR NUMBER DC-135 Deep mine on unnamed tributary to Deer Creek south of Marianne.

*02-18-74	6	2.7	140	0	15	825	0	10	1.1	59
03-13-74	12	4.8	26	4	10	20	0.60	3.7	1.5	2.9
04-15-74	17	4.6	34	2	13	100	0.40	7.1	2.7	20
05-15-74	12	4.5	44	0	7.0	150	0	6.4	1.1	22
06-18-74	2	4.5	20	0	9.6	175	0	0.50	0.20	4.2
07-15-74	4	3.5	30	0	8.7	175	0	1.4	0.40	8.4
08-13-74	2	5.3	28	14	13	150	0.30	0.70	0.30	3.6
MIN.	2	3.5	20	0	7.0	20	0	0.50	0.20	2.9
MAX.	17	5.3	44	14	13	175	0.60	7.1	2.7	22
AVG.	8.2						0.22	3.3	1.0	10

DEER CREEK WATERSHED WEIR NUMBER DC-136 Spring on Stony Run northwest of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-13-74	6	4.8	20	6	39	130	0.40	1.4	2.8	9.4
03-19-74	6	4.1	18	0	27	105	0	1.3	2.0	7.6
04-24-74	4	4.4	30	0	41	100	0	1.4	2.0	4.8
05-21-74	4	4.1	8	0	33	200	0	0.40	1.6	9.6
06-18-74	4	4.5	22	0	39	200	0	1.1	1.9	9.6
07-18-74	12	3.8	48	0	36	110	0	6.9	5.2	16
08-15-74	22	4.3	44	0	34	150	0	12	8.9	40
MIN.	4	3.8	8	0	27	100	0	0.40	1.6	4.8
MAX.	22	4.8	44	6	41	200	0.40	12	8.9	40
AVG.	8.3						0.60	3.5	3.5	14

DEER CREEK WATERSHED WEIR NUMBER DC-137 Spring on Stony Run northwest of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
03-19-74	4	4.4	10	0	0.44	13	0	0.50	0.02	0.60
04-24-74	2	4.2	10	0	0	30	0	0.20	0	0.70
*05-24-74	1	2.7	160	0	60	625	0	1.9	0.70	7.5
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-19-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	2	4.2	10	0	0	13	0	0.20	0	0.60
MAX.	4	4.4	10	0	0.44	30	0	0.50	0.02	0.70
AVG.	3.0						0	0.35	0.01	0.65

DEER CREEK WATERSHED WEIR NUMBER DC-138 Deep mine on unnamed tributary to Paint Creek southwest of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	2	2.5	1500	0	431	1525	0	36	10	37
*03-13-74	12	2.7	160	0	178	675	0	23	26	97
04-15-74	4	2.6	620	0	183	600	0	30	8.8	29
05-15-74	28	2.7	760	0	162	600	0	255	54	202
06-13-74	2	2.5	700	0	276	1200	0	17	6.6	29
*07-15-74	1	2.4	1400	0	174	900	0	17	2.1	11
08-12-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	2	2.5	620	0	162	600	0	17	6.6	29
MAX.	28	2.7	1500	0	431	1525	0	255	54	202
AVG.	9.0						0	95	20	74

DEER CREEK WATERSHED WEIR NUMBER DC-139 Gas well on unnamed tributary of Mahles Run southeast of Marble.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	22	5.6	60	62	25	225	16	16	6.5	59
03-21-74	12	5.6	64	66	21	200	9.5	9.2	3.0	29
04-16-74	22	5.7	4	64	35	150	17	1.1	9.3	40
05-17-74	34	5.8	20	72	27	150	29	8.2	11	61
06-19-74	34	5.4	6	38	5.1	175	2.4	2.4	2.1	71
07-19-74	34	5.3	66	52	23	175	21	27	9.3	71
08-15-74	22	5.8	52	72	44	275	19	14	12	73
MIN.	12	5.3	4	38	5.1	150	2.4	1.1	2.1	29
MAX.	34	5.8	66	72	44	275	29	27	12	73
AVG.	26						16	11	7.6	58

DEER CREEK WATERSHED WEIR NUMBER DC-140 Gas well on Frills Run south of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	12	3.3	60	0	68	225	0	8.6	9.8	32
03-13-74	12	3.3	60	0	49	200	0	8.6	7.1	29
04-16-74	9	4.1	70	0	68	100	0	7.6	7.3	11
05-16-74	12	3.4	100	0	52	200	0	14	7.5	29
06-19-74	12	3.2	90	0	49	150	0	13	7.0	22
07-18-74	12	4.2	70	0	66	175	0	10	9.5	25
08-13-74	12	3.8	98	0	47	200	0	14	6.8	29
MIN.	9	3.2	60	0	47	100	0	7.6	6.8	11
MAX.	12	4.2	100	0	68	225	0	14	9.8	32
AVG.	12						0	11	7.9	25

DEER CREEK WATERSHED WEIR NUMBER DC-141A Spring on Licking Creek northwest of Lucinda.

02-14-74	12	3.0	160	0	0.15	325	0	23	0.02	47
03-20-74	42	3.2	200	0	38	225	0	101	19	113
04-23-74	17	3.0	290	0	71	350	0	59	14	71
05-17-74	34	3.6	72	0	0.30	225	0	29	0.10	92
06-13-74	9	3.4	90	0	0.10	175	0	9.7	0.01	19
*07-15-74	6	2.6	1900	0	118	650	0	137	8.5	47
08-12-74	22	2.5	500	0	120	825	0	132	32	218
MIN.	9	2.5	72	0	0.10	175	0	9.7	0.01	19
MAX.	42	3.6	500	0	120	825	0	132	32	218
AVG.	23						0	59	11	93

DEER CREEK WATERSHED WEIR NUMBER DC-141B Intermittent small stream northwest of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-14-74	2	3.0	200	0	No small bottle	300	0	4.8	No small bottle	7.2
03-20-74	2	3.1	180	0	17	225	0	4.3	0.40	5.4
04-29-74	2	3.0	238	0	20	350	0	5.7	0.50	8.4
05-17-74	123	2.8	220	0	94	375	0	325	138	554
06-13-74	70	2.9	378	0	225	750	0	318	189	630
*07-15-74	4	2.6	1200	0	170	700	0	58	8.2	34
08-12-74	4	2.5	800	0	119	800	0	38	5.7	38
MIN.	2	2.5	180	0	17	225	0	4.3	0.40	5.4
MAX.	123	3.1	800	0	225	800	0	325	189	630
AVG.	34							116	67	207

DEER CREEK WATERSHED WEIR NUMBER DC-141C Spring on Licking Creek northwest of Lucinda.

*02-14-74	12	3.1	80	0	104	175	0	12	15	25
03-20-74	22	3.4	88	0	17	225	0	23	4.4	59
04-29-74	12	3.0	120	0	5.9	175	0	17	0.90	25
05-17-74	1	3.5	74	0	1.1	175	0	0.90	0.01	2.1
06-17-74	NO SAMPLE AVAILABLE - DRY		0	0	0	0	0	0	0	0
*07-15-74	4	2.6	1000	0	186	575	0	48	8.9	28
08-12-74	4	2.5	500	0	55	825	0	24	2.6	40
MIN.	1	2.5	74	0	1.1	175	0	0.90	0.01	2.1
MAX.	22	3.5	500	0	55	825	0	24	4.4	59
AVG.	9.8							16	2.0	32

DEER CREEK WATERSHED WEIR NUMBER DC-141D Gas well on Licking Creek northwest of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*02-14-74	1	3.1	80	0	0.74	225	0	1.0	0.10	2.7
03-20-74	12	3.4	94	0	96	225	0	14	14	32
04-23-74	6	3.0	140	0	18	225	0	10	1.3	16
05-17-74	50	3.0	150	0	35	250	0	90	21	150
141 D and E combined. See 141 E.										
MIN.	6	3.0	94	0	18	225	0	10	1.3	16
MAX.	50	3.4	150	0	96	250	0	90	21	150
AVG.	23						0	38	12	66

DEER CREEK WATERSHED WEIR NUMBER DC-141E. Spring on Licking Creek northwest of Lucinda.

*02-14-74	12	3.2	100	0	592	230	0	14	85	33
03-20-74	6	3.4	76	0	14	150	0	5.5	1.0	11
04-29-74	2	3.0	140	0	20	200	0	3.4	0.50	4.8
05-17-74	50	3.0	150	0	35	250	0	90	21	150
141 D and E combined. Gas well and spring on Licking Creek northwest of Lucinda.										
06-13-74	34	2.7	300	0	176	550	0	122	72	224
*07-15-74	34	2.7	1000	0	34	525	0	408	14	214
08-12-74	2	2.5	400	0	54	825	0	9.6	1.3	20
MIN. (DC-141E)	2	3.0	76	0	14	150	0	3.4	0.50	4.8
MAX. (DC-141E)	50	3.4	150	0	35	250	0	90	21	150
AVG. (DC-141E)	19						0	33	7.5	55
MIN. (DC-141D&E)	2	2.5	300	0	54	550	0	9.6	1.3	20
MAX. (DC-141D&E)	34	2.7	400	0	176	825	0	122	72	224
AVG. (DC-141D&E)	18						0	66	37	122

DEER CREEK WATERSHED WEIR NUMBER DC-142 Gas well on Frills Run southwest of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	94	2.8	220	0	228	675	0	248	257	761
03-13-74	70	3.4	436	0	206	600	0	366	173	504
04-25-74	70	3.0	440	0	No small bottle	600	0	370	No small bottle	504
05-16-74	70	2.8	440	0	180	575	0	370	151	483
06-18-74	94	2.9	420	0	189	950	0	474	213	1072
07-18-74	70	2.3	800	0	264	925	0	672	222	777
08-13-74	34	2.5	700	0	163	850	0	286	67	347
MIN.	34	2.3	220	0	163	575	0	248	67	347
MAX.	94	3.4	800	0	264	950	0	672	257	1072
AVG.	72						0	398	181	635

DEER CREEK WATERSHED WEIR NUMBER DC-143 Strip Mine on unnamed tributary to Foy Run west of Leeper.

02-18-74	NO SAMPLE AVAILABLE - FROZEN			0	0	0	0	0	0	0
03-18-74	22	2.8	1600	0	28	1300	0	422	7.3	343
04-29-74	6	2.9	1500	0	32	1475	0	108	2.3	106
05-16-74	12	2.9	1160	0	31	1175	0	167	4.4	169
06-18-74	1	2.9	600	0	25	600	0	7.2	0.30	7.2
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-16-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	2.8	600	0	25	600	0	7.2	0.30	7.2
MAX.	22	2.9	1600	0	32	1475	0	422	7.3	343
AVG.	10						0	176	3.6	156

DEER CREEK WATERSHED WEIR NUMBER DC-144 Strip Mine on unnamed tributary to Foy Run west of Leeper.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	NO SAMPLE AVAILABLE-FROZEN			0	0	0	0	0	0	0
03-18-74	22	2.8	1000	0	18	400	0	264	4.7	106
04-29-74	2	2.8	660	0	15	425	0	16	0.40	10
05-16-74	12	2.9	700	0	18	352	0	101	1.6	51
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-12-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	2	2.8	660	0	15	352	0	16	0.40	10
MAX.	22	2.9	1000	0	18	425	0	264	4.7	106
AVG.	12						0	127	2.2	56

DEER CREEK WATERSHED WEIR NUMBER DC-145 Strip mine on unnamed tributary to Foy Run west of Leeper.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-28-74	NO SAMPLE	AVAILABLE-FROZEN		0	0	0	0	0	0	0
03-18-74	12	2.9	1000	0	45	1100	0	144	6.5	158
04-24-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
05-16-74	156	3.5	122	0	0.10	100	0	228	0.20	187
06-17-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
07-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
08-13-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	12	2.9	122	0	0.10	100	0	144	0.20	158
MAX.	156	3.5	1000	0	45	1100	0	228	6.5	187
AVG.	84						0	186	3.4	173

DEER CREEK WATERSHED WEIR NUMBER DC-146 Strip mine on unnamed tributary to Foy Run west of Leeper.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	NO SAMPLE	AVAILABLE-FROZEN		0	0	0	0	0	0	0
03-18-74	82	3.5	178	0	0	225	0	175	0	221
04-24-74	94	3.7	124	0	0	225	0	140	0	254
05-16-74	9	2.8	1100	0	29	850	0	119	3.1	92
06-19-74	42	3.8	60	0	0.40	175	0	30	0.20	88
07-19-74	42	3.2	3200	0	0.50	175	0	1613	0.30	88
08-14-74	2	3.8	44	0	3.7	225	0	1.1	0.10	5.4
MIN.	2	3.5	44	0	0	175	0	1.1	0	5.4
MAX.	94	3.8	178	0	3.7	225	0	175	0.20	254
AVG.	55						0	87	0.08	142

DEER CREEK WATERSHED WEIR NUMBER DC-147 Intermittent small stream west of Leeper.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	6	3.3	20	0	0	45	0	1.4	0	3.2
03-18-74	156	4.0	34	0	0	55	0	64	0	103
04-16-74	397	3.8	40	0	1.0	150	0	191	4.8	715
05-16-74	50	3.8	22	0	0.10	150	0	13	0.10	90
06-17-74	1	3.5	40	0	0.10	175	0	0.50	0.001	2.1
*07-15-74	1	2.9	900	0	0.70	300	0	11	0.10	3.6
08-16-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
MIN.	1	3.3	20	0	0	45	0	0.50	0	2.1
MAX.	397	4.0	40	0	1.0	175	0	191	4.8	715
AVG.	122						0	54	0.98	183

DEER CREEK WATERSHED WEIR NUMBER DC 148 Spring on unnamed tributary to Little Paint Creek southeast of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-13-74	6	5.5	24	14	9.4	15	1.0	1.7	0.70	1.1
03-19-74	9	5.3	4	12	11	13	1.3	0.40	1.2	1.4
04-25-74	1	5.4	6	16	No small bottle	30	0.20	0.10	No small bottle	0.40
05-21-74	6	5.1	8	12	8.1	150	0.90	0.60	0.60	11
06-13-74	2	4.5	8	0	12	100	0	0.20	0.30	2.4
07-15-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
08-13-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
MIN.	1	4.5	6	0	8.1	13	0	0.10	0.30	1.1
MAX.	9	5.5	24	16	12	150	1.3	1.7	1.2	11
AVG.	4.8						0.68	0.60	0.70	3.3

DEER CREEK WATERSHED WEIR NUMBER DC-149 Spring on unnamed tributary to Little Paint Creek southeast of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-13-74	1	5.5	20	40	5.6	40	0.50	0.20	0.07	0.10
03-19-74	1	5.4	2	8	1.7	11	0.10	0.02	0.02	0.10
04-25-74	12	5.3	2	6	0.30	20	0.90	0.30	0.04	2.9
05-21-74	1	5.1	4	4	1.3	150	0.05	0.05	0.02	1.8
06-13-74	2	4.9	10	6	2.6	100	0.10	0.20	0.10	2.4
07-17-74	1	5.4	6	14	12	275	0.20	0.10	0.10	3.3
08-12-74	1	5.5	26	14	2.4	225	0.20	0.30	0.03	2.7
MIN.	1	4.9	2	4	0.30	11	0.05	0.02	0.02	0.10
MAX.	12	5.5	26	40	12	275	0.90	0.30	0.10	3.3
AVG.	2.7						0.29	0.17	0.05	1.9

DEER CREEK WATERSHED WEIR NUMBER DC-150 Gas well on unnamed tributary to Little Paint southeast of Millerstown.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-14-74	2	2.9	400	0	324	600	0	9.6	7.8	14
03-19-74	4	3.1	340	0	205	550	0	16	9.8	26
04-25-74	4	2.9	300	0	207	850	0	14	9.9	41
05-21-74	4	2.9	320	0	188	850	0	15	9.0	41
06-13-74	2	2.9	300	0	166	550	0	7.2	4.0	13
07-15-74		NO SAMPLE AVAILABLE-DRY	0	0	0	0	0	0	0	0
08-13-74		NO SAMPLE AVAILABLE-DRY	0	0	0	0	0	0	0	0
MIN.	2	2.9	300	0	166	550	0	7.2	4.0	13
MAX.	4	3.1	400	0	324	850	0	16	9.9	41
AVG.	2.8						0	12	8.1	27

DEER CREEK WATERSHED WEIR NUMBER DC-151 Gas well on Little Paint Creek southeast of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-14-74	12	3.3	200	0	198	375	0	29	29	54
04-25-74	6	3.8	200	0	No small bottle	550	0	14	No small bottle	40
05-21-74	6	3.1	180	0	124	525	0	13	8.9	38
06-13-74	4	3.1	200	0	120	450	0	9.6	5.8	22
07-17-74	2	3.1	260	0	107	825	0	6.2	2.6	20
08-12-74	6	3.8	246	0	107	675	0	18	7.7	49
MIN.	2	3.1	180	0	107	375	0	6.2	2.6	20
MAX.	12	3.8	260	0	198	825	0	29	29	54
AVG.	6.0						0	15	11	37

DEER CREEK WATERSHED WEIR NUMBER DC-152 Gas well on Little Paint Creek southeast of Millerstown.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*02-20-74	70	2.8	38	0	322	1500	0	32	270	1260
03-18-74	22	2.8	600	0	351	775	0	158	93	205
04-15-74	34	2.9	200	0	No small bottle	1400	0	82	No small bottle	571
05-21-74	50	2.9	400	0	230	1025	0	240	138	615
06-13-74	34	3.1	300	0	259	900	0	122	106	367
07-17-74	42	2.9	560	0	385	1375	0	282	194	693
08-13-74	22	3.0	800	0	216	1550	0	211	57	409
MIN.	22	2.8	200	0	216	775	0	82	57	205
MAX.	50	3.1	800	0	385	1550	0	282	194	693
AVG.	34						0	183	118	477

DEER CREEK WATERSHED WEIR NUMBER DC-153 Spring on Little Paint Creek southeast of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-20-74	50	2.7	52	0	431	1450	0	31	259	870
03-15-74	22	2.8	500	0	88	350	0	132	23	92
04-25-74	16	3.1	680	0	No small bottle	1525	0	131	No small bottle	293
05-21-74	42	3.0	600	0	282	1200	0	302	142	605
06-13-74	17	3.1	500	0	297	1025	0	102	61	209
07-17-74	22	2.9	700	0	219	1550	0	185	58	409
08-13-74	34	3.7	648	0	182	1650	0	264	74	673
MIN.	16	2.9	500	0	182	1025	0	102	58	209
MAX.	42	3.7	700	0	297	1650	0	264	142	673
AVG.	26						0	197	84	438

DEER CREEK WATERSHED WEIR NUMBER DC-154 Gas well on Little Paint Creek Northeast of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-13-74	6	4.5	20	0	23	450	0	1.4	1.7	32
03-15-74	2	5.3	8	22	47	225	0.50	0.20	1.1	5.4
04-25-74	6	3.2	60	0	No small bottle	150	0	4.3	No sample bottle	11
05-21-74	4	5.4	4	26	28	225	1.2	0.20	1.3	11
06-13-74	2	5.1	36	20	31	150	0.50	0.90	0.70	3.6
07-17-74	12	5.8	4	20	71	300	2.9	0.60	10	43
08-12-74	2	5.5	52	26	34	425	0.60	1.2	0.80	10
MIN.	2	3.2	4	0	23	150	0.50	0.20	0.70	3.6
MAX.	12	5.8	60	26	71	450	2.9	4.3	11	43
AVG.	4.9						0.89	1.3	2.6	17

DEER CREEK WATERSHED WEIR NUMBER DC-155 Spring on Little Paint Creek northeast of Millerstown.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-13-74	2	4.9	136	4	80	700	0.10	3.3	1.9	17
03-15-74	2	3.3	60	0	112	300	0	1.4	2.7	7.2
04-25-74	2	4.4	54	0	No small bottle	575	0	1.3	No small bottle	14
05-21-74	2	3.3	40	0	72	575	0	1.0	1.7	14
06-13-74	2	3.2	100	0	64	525	0	2.4	1.5	13
07-17-74	2	3.2	80	0	59	800	0	1.9	1.4	19
08-13-74	2	3.9	138	0	57	775	0	3.3	1.4	19
MIN.	2	3.2	40	0	57	300	0.0	1.0	1.4	7.2
MAX.	2	4.9	138	4	112	800	0.10	3.3	2.7	19
AVG.	2.0						0.01	2.1	1.8	15

DEER CREEK WATERSHED WEIR NUMBER DC-156 Strip mine on unnamed tributary to Deer Creek south of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	6	2.9	280	0	16	325	0	20	1.2	23
03-13-74	28	3.0	300	0	17	225	0	101	5.8	76
04-17-74	22	2.9	196	0	13	295	0	52	3.4	78
05-15-74	22	2.9	240	0	10	225	0	63	2.7	59
06-18-74	1	3.0	182	0	4.1	325	0	2.2	0.05	3.9
*07-15-74	2	2.7	1100	0	3.8	275	0	26	0.10	6.6
08-13-74	1	2.7	500	0	4.6	350	0	6.0	0.10	4.2
MIN.	1	2.7	182	0	4.1	225	0	2.2	0.05	3.9
MAX.	28	3.0	500	0	17	350	0	101	5.8	78
AVG.	13						0	41	2.2	41

DEER CREEK WATERSHED WEIR NUMBER DC-157 Strip mine on unnamed tributary to Deer Creek south of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	34	4.3	20	0	1.1	200	0	8.2	0.40	82
03-12-74	50	4.9	8	6	0.29	35	3.6	4.8	0.20	21
04-16-74	70	4.4	14	0	0	30	0	12	0	25
05-15-74	50	4.5	4	0	0.40	24	0	2.4	0.20	14
*06-18-74	1	2.9	200	0	3.8	275	0	2.4	0.05	3.3
07-15-74	6	3.5	46	0	1.7	300	0	3.3	0.10	22
08-13-74	2	3.3	74	0	5.2	200	0	1.8	0.10	4.8
MIN.	2	3.3	4	0	0.0	24	0	1.8	0.0	4.8
MAX.	70	4.9	74	6	5.2	300	3.6	12	0.40	82
AVG.	35						0.60	5.4	0.17	28

DEER CREEK WATERSHED WEIR NUMBER DC-158 Strip mine on Boyd Run south of Elk City.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	2	4.6	14	4	1.4	80	0.10	0.30	0.03	1.9
03-19-74	12	4.3	18	0	1.1	91	0	2.6	0.20	13
*04-24-74	2	4.1	24	0	0.80	200	0	0.60	0.02	4.8
05-15-74	6	4.1	14	0	0.80	79	0	1.0	0.10	5.7
06-17-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
07-15-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
08-13-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	2	4.1	14	0	0.80	79	0	0.30	0.03	1.9
MAX.	12	4.6	18	4	1.4	91	0.10	2.6	0.20	13
AVG.	6.7						0.03	1.0	0.11	6.9

DEER CREEK WATERSHED WEIR NUMBER DC 159 Strip mine on unnamed tributary to Deer Creek south of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74			NO SAMPLE AVAILABLE-FROZEN	0	0	0	0	0	0	0
03-19-74	2	4.3	6	0	0.44	16	0	0.10	0.01	0.40
04-24-74	1	4.3	6	0	0.10	35	0	0.10	0.001	0.80
*05-15-74	6	4.2	6	0	24	39	0	0.40	1.7	2.8
06-13-74	1	3.8	32	0	20	225	0	0.40	0.20	2.7
07-15-74	2	3.8	24	0	0.10	200	0	0.60	0.002	4.8
08-13-74	2	4.1	16	0	0.30	300	0	0.40	0.007	7.2
MIN.	1	3.8	6	0	0.10	16	0	0.10	0.001	0.40
MAX.	2	4.3	24	0	0.44	300	0	0.60	0.01	7.2
AVG.	1.8						0	0.30	0.005	3.3

DEER CREEK WATERSHED WEIR NUMBER DC 160 Gas well on Licking Creek north of Snyderburg

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	42	6.7	10	242	6.9	125	122	5.0	3.5	63
03-12-74	34	7.1	0	270	5.2	200	110	0	2.1	82
04-29-74	28	6.3	14	254	4.9	225	85	4.7	1.7	76
05-22-74	12	6.7	10	268	5.6	150	55	2.0	1.1	31
06-13-74	22	6.0	24	254	5.1	275	122	6.3	1.3	73
07-18-74	17	6.0	32	214	4.6	275	44	6.5	0.90	56
08-19-74	17	6.8	0	250	5.6	300	51	0	1.1	61
MIN.	12	6.0	0	214	4.6	125	44	0.0	0.90	31
MAX.	42	7.1	32	270	6.9	300	122	6.5	3.5	82
AVG.	25						84	3.5	1.7	63

DEER CREEK WATERSHED WEIR NUMBER DC-161 Gas well on Licking Creek North of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-18-74	12	3.2	90	0	80	675	0	13	12	97
03-12-74	70	4.3	50	0	54	600	0	42	45	504
04-29-74	50	3.9	28	0	10	425	0	17	0.10	225
05-22-74	42	4.2	10	0	7.8	220	0	5.0	3.9	111
06-13-74	22	3.9	12	0	17	425	0	3.2	4.4	112
07-18-74	22	3.4	54	0	14	525	0	14	3.8	139
08-19-74	NO SAMPLE AVAILABLE-NO SAMPLE TAKEN				0	0	0	0	0	0
MIN.	12	3.2	10	0	7.8	220	0	3.2	0.10	97
MAX.	70	4.3	90	0	80	675	0	42	45	504
AVG.	36						0	16	12	198

DEER CREEK WATERSHED WEIR NUMBER DC-162 Strip mine on unnamed tributary to Licking Creek north of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-19-74	22	4.2	54	0	0	100	0	14	0	26
04-16-74	50	2.9	260	0	53	450	0	156	32	270
05-15-74	17	2.9	380	0	36	400	0	78	7.4	82
06-13-74	1	3.8	114	0	0.80	200	0	1.4	0.01	2.4
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-13-74	2	3.5	108	0	0.10	300	0	2.6	0.002	7.2
MIN.	1	2.9	54	0	0.0	100	0	1.4	0.0	2.4
MAX.	50	4.2	380	0	53	450	0	156	32	270
AVG.	18						0	50	7.9	78

DEER CREEK WATERSHED WEIR NUMBER DC-164 Spring on Licking Creek southeast of Frills Corner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	2	5.0	10	10	0.00	13	0.20	0.20	0.00	0.30
04-16-74	4	5.0	4	8	0.50	150	0.40	0.20	0.02	7.2
05-17-74	1	3.2	50	0	28	225	0	0.60	0.30	2.7
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
*07-18-74	2	2.8	600	0	59	125	0	14	1.4	3.0
08-19-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	3.2	4	0	0	13	0	0.20	0.0	0.30
MAX.	4	5.0	50	10	28	225	0.40	0.60	0.30	7.2
AVG.	2.3						0.20	0.33	0.11	3.4

DEER CREEK WATERSHED WEIR NUMBER DC-165 Gas well on Licking Creek southeast of Frills Corners.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-16-74	34	2.8	400	0	268	1025	0	163	109	418
*05-17-74	94	2.9	100	0	60	250	0	113	68	282
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-19-74	34	2.3	1300	0	446	1550	0	530	182	632
08-14-74	22	3.1	626	0	459	1450	0	165	121	383
MIN.	22	2.3	400	0	268	1025	0	163	109	383
MAX.	34	3.1	1300	0	459	1550	0	530	182	632
AVG.	30						0	286	137	478

DEER CREEK WATERSHED WEIR NUMBER DC-168 Spring on Licking Creek east of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	4	4.3	36	0	0.44	150	0	1.7	0.02	7.2
04-19-74	1	3.6	20	0	0.70	65	0	0.20	0.008	0.80
04-24-74	1	3.8	20	0	5.5	55	0	0.20	0.10	0.60
05-15-74	1	3.7	30	0	1.2	100	0	0.40	0.01	1.2
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	3.6	20	0	0.44	55	0	0.20	0.008	0.60
MAX.	4	4.3	36	0	5.5	150	0	1.7	0.10	7.2
AVG.	1.8						0	0.63	0.03	2.5

DEER CREEK WATERSHED WEIR NUMBER DC-169 Gas well on Licking Creek east of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	2	7.9	0	532	1.3	200	13	0	0.03	4.8
04-19-74	1	7.7	0	510	0.10	275	6.1	0	0.001	3.3
04-24-74	4	7.5	0	510	0.10	275	25	0	0.005	13
05-15-74	2	7.0	0	564	4.8	225	14	0	0.10	5.4
*06-13-74	2	7.0	0	520	19	325	13	0	0.50	7.8
07-15-74	2	8.0	0	550	6.1	375	13	0	0.20	4.0
08-15-74	1	7.5	0	524	1.9	325	6.3	0	0.02	3.9
MIN.	1	7.0	0	510	0.10	200	6.1	0	0.001	3.3
MAX.	4	8.0	0	550	6.1	375	25	0	0.20	5.4
AVG.	2.0						13	0	0.06	5.7

DEER CREEK WATERSHED WEIR NUMBER DC-170 Spring on Licking Creek east of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	1	3.2	140	0	No small bottle	225	0	1.7	No small bottle	2.7
04-19-74	2	3.0	100	0	154	425	0	2.4	3.7	10
04-24-74	2	3.0	100	0	112	450	0	2.4	2.7	11
05-15-74	2	3.0	100	0	141	275	0	2.4	3.4	6.6
06-13-74	2	2.8	180	0	181	350	0	4.3	4.3	8.4
*07-15-74	2	2.8	600	0	174	525	0	14	4.2	13
08-15-74	1	3.0	300	0	104	425	0	3.6	1.2	5.1
MIN.	1	2.8	100	0	104	225	0	1.7	1.2	2.7
MAX.	2	3.2	300	0	181	450	0	4.3	4.3	11
AVG.	1.7							2.8	3.1	7.3

DEER CREEK WATERSHED WEIR NUMBER DC-171 Intermittent small stream east of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	34	4.7	6	2	0.65	9	0.80	2.4	0.30	3.7
04-19-74	34	4.8	4	4	0	40	1.6	1.6	0	16
04-24-74	22	4.6	6	2	1.1	30	0.60	1.6	0.30	7.9
05-15-74	70	4.5	4	0	0.20	9	0	3.4	0.20	7.6
06-13-74	2	4.0	4	0	0.30	9	0	0.10	0.007	0.20
07-15-74	17	4.4	10	0	0.20	11	0	2.0	0.04	2.2
*08-15-74	1	4.6	8	2	0.60	100	0.02	0.10	0.007	1.2
MIN.	2	4.0	4.0	0	0.0	9	0.0	0.10	0.0	0.20
MAX.	70	4.8	10	4	1.1	40	1.6	3.4	0.30	16
AVG.	30						0.50	1.9	0.14	6.3

DEER CREEK WATERSHED WEIR NUMBER DC-173 Intermittent small stream southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	6	4.5	18	0	0	61	0	1.3	0	4.4
04-16-74	12	4.3	14	0	2.0	70	0	2.0	0.30	10
05-21-74	1	4.3	10	0	0.20	52	0	0.10	0.002	0.60
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	4.3	10	0	0.0	52	0	0.10	0.0	0.60
MAX.	12	4.5	18	0	2.0	70	0	1.3	0.30	10
AVG.	6.3						0	1.1	0.10	5.0

DEER CREEK WATERSHED WEIR NUMBER DC-175 Strip Mine on Rattlesnake Creek East of Strobleton.

03-20-74	4	4.4	42	0	0	75	0	2.0	0	3.6
04-17-74	50	3.8	62	0	8.0	155	0	37	4.8	93
05-17-74	50	4.0	40	0	1.4	125	0	24	0.80	75
06-13-74	2	3.9	60	0	0.90	225	0	1.4	0.02	5.4
07-15-74	1	3.7	80	0	2.3	105	0	1.0	0.03	1.3
*08-13-74	1	5.5	58	40	1.6	250	0.50	0.70	0.02	3.0
MIN.	1	3.7	40	0	0.0	75	0	1.0	0.0	1.3
MAX.	50	4.4	80	0	8.0	225	0	37	4.8	93
AVG.	21						0	13	1.1	36

DEER CREEK WATERSHED WEIR NUMBER DC-176 Spring on Rattlesnake Creek southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	70	4.8	10	4	0.65	26	3.4	8.4	0.60	22
04-17-74	70	4.5	10	0	3.0	35	0	8.4	2.5	29
05-21-74	22	4.5	8	0	0.10	35	0	2.1	0.03	9.3
*06-18-74	2	4.3	12	0	0.10	200	0	0.30	0.002	4.8
07-19-74	2	3.3	38	0	0.50	53	0	4.8	0.01	1.3
*08-13-74	12	4.3	28	0	0.40	250	0	4.0	0.06	36
MIN.	2	3.3	8	0	0.10	26	0	2.1	0.01	1.3
MAX.	70	4.8	38	4	3.0	53	3.4	8.4	2.5	29
AVG.	41						0.85	5.9	0.79	15

DEER CREEK WATERSHED WEIR NUMBER DC-177 Gas well on Step Run southeast of Strobleton.

*03-18-74	2	4.9	46	0	43	75	0	1.1	1.0	1.8	
04-29-74	2	6.3	4	144	No small bottle		150	3.4	0.10	No small bottle	
05-22-74	6	5.9	2	144	11	100	10	0.10	0.80	7.2	
06-14-74	12	5.7	10	136	11	225	20	1.4	1.6	32	
07-15-74	6	6.2	32	114	6.8	200	8.2	2.3	0.50	14	
08-14-74	6	6.2	14	142	9.2	325	10	1.0	0.70	23	
MIN.	2	5.7	2	114	6.8	100	3.4	0.10	0.50	3.6	
MAX.	12	6.3	32	144	11	325	20	2.3	1.6	32	
AVG.	6.4						10	0.98	0.90	16	

DEER CREEK WATERSHED WEIR NUMBER DC-178 Spring on Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*03-20-74	1	3.1	282	0	296	300	0	3.4	3.6	3.6
04-29-74	12	5.0	6	4	No small bottle	100	0.60	0.90	No small bottle	14
05-22-74	6	4.6	6	2	44	225	0.10	0.40	3.2	16
06-14-74	6	4.3	30	0	43	150	0	2.2	3.1	11
07-15-74	6	4.2	36	0	37	225	0	2.6	2.7	16
08-14-74	12	4.2	10	0	54	175	0	0.20	7.8	25
MIN.	6	4.2	6	0	37	100	0	0.20	2.7	11
MAX.	12	5.0	36	4	54	225	0.60	2.6	7.8	25
AVG.	8.4						0.14	1.3	4.2	16

DEER CREEK WATERSHED WEIR NUMBER DC-179 Spring on Step Run southeast of Strobleton.

03-19-74	22	4.3	12	0	0.21	150	0	3.2	0.10	40
*04-29-74	4	2.9	140	6	144	350	0.30	6.7	6.9	17
05-22-74	1	4.6	6	2	0.20	225	0.10	0.10	0.002	5.4
06-17-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
08-14-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
MIN.	1	4.3	6	0	0.20	150	0.00	3.2	0.002	5.4
MAX.	22	4.6	12	2	0.21	225	0.10	0.10	0.10	40
AVG.	12						0.05	1.7	0.05	23

DEER CREEK WATERSHED WEIR NUMBER DC-180 Gas well on Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*03-19-74	42	4.6	8	0	0	18	0	4.0	0	9.1
04-17-74	NO SAMPLE	AVAILABLE-DRY	0	0	0	0	0	0	0	0
05-22-74	9	3.1	200	0	162	425	0	22	18	46
06-14-74	4	3.8	290	0	148	300	0	14	7.1	14
07-15-74	6	3.4	290	0	167	475	0	21	12	34
08-13-74	6	3.0	800	0	165	650	0	58	12	47
MIN.	4	3.0	200	0	148	300	0	14	7.1	14
MAX.	9	3.8	800	0	167	650	0	58	18	47
AVG.	6.3						0	29	12	35

DEER CREEK WATERSHED WEIR NUMBER DC-181 Spring on Step Run southeast of Strobleton.

*04-29-74	34	4.6	8	2	0	125	0.80	3.3	0	51
05-22-74	50	4.5	4	0	0.20	21	0	2.4	0.10	13
06-14-74	6	4.4	8	0	0	24	0	0.60	0	1.7
07-15-74	4	4.4	20	0	0.10	75	0	1.0	0.005	3.6
*08-13-74	1	4.4	16	0	0.80	250	0	0.20	0.01	3.0
MIN.	4	4.4	4	0	0.0	21	0	0.60	0.0	1.7
MAX.	50	4.5	20	0	0.20	75	0	2.4	0.10	13
AVG.	20						0	1.3	0.04	6.1

DEER CREEK WATERSHED WEIR NUMBER DC-182 Spring on east Fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	50	4.2	40	0	0	175	0	24	0	105
04-29-74	12	4.0	102	0	0.10	150	0	15	0.01	22
05-17-74	34	4.0	70	0	0.20	150	0	29	0.10	61
06-14-74	6	3.8	90	0	0	200	0	6.5	0	14
07-18-74	4	3.4	78	0	0.10	225	0	3.7	0.005	11
08-13-74	4	3.7	52	0	0.30	275	0	2.5	0.01	13
MIN	4	3.4	40	0	0.0	150	0	2.5	0.0	11
MAX.	50	4.2	102	0	0.30	275	0	29	0.10	105
AVG.	18						0	13	0.02	38

DEER CREEK WATERSHED WEIR NUMBER DC-183 Strip mine on east fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	2	4.1	52	0	0	150	0	1.2	0	3.6
*04-29-74	1	4.1	38	0	No small bottle	17	0	0.50	No small bottle	0.20
05-17-74	1	3.9	60	0	0.90	225	0	0.70	0.01	2.7
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-13-74	1	3.6	66	0	2.1	225	0	0.80	0.02	2.7
MIN.	1	3.6	52	0	0.0	150	0	0.70	0.0	2.7
MAX.	2	4.1	66	0	2.1	225	0	1.2	0.02	3.6
AVG.	1.3						0	0.90	0.01	3.0

DEER CREEK WATERSHED WEIR NUMBER DC-184 Gas well on east Fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-20-74	4	3.4	62	0	28	100	0	3.0	1.8	4.8
*04-29-74	6	3.3	40	0	0.70	150	0	2.9	0.10	11
05-17-74	2	3.2	60	0	47	125	0	1.4	1.1	3.0
06-14-74	9	3.1	60	0	64	150	0	6.5	6.9	16
*07-18-74	2	2.7	700	0	48	175	0	17	1.2	4.2
*08-13-74	6	3.0	300	0	58	175	0	22	4.2	13
MIN.	2	3.1	60	0	28	100	0	1.4	1.1	3.0
MAX.	9	3.4	62	0	64	150	0	6.5	6.9	16
AVG:	5.0						0	3.6	3.3	7.9

DEER CREEK WATERSHED WEIR NUMBER DC-185 Spring on east fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	9	4.8	6	4	0	11	0.40	0.70	0	1.2
04-29-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
05-17-74	12	4.6	4	2	0	14	0.30	0.60	0	2.0
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	9	4.6	4	2	0.0	11	0.30	0.60	0.0	1.2
MAX.	12	4.8	6	4	0.0	14	0.40	0.70	0.0	2.0
AVG.	11						0.35	0.65	0.0	1.6

DEER CREEK WATERSHED WEIR NUMBER DC-186 Spring on west fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	2	4.5	14	0	0.21	39	0	0.30	0.005	0.90
04-29-74	6	4.6	10	2	2.0	100	0.10	0.70	0.14	7.2
05-17-74	4	4.6	8	2	1.8	41	0.10	0.40	0.10	2.0
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-18-74	1	3.3	56	0	1.7	150	0	0.70	0.02	1.8
08-15-74	1	3.4	40	0	0.20	225	0	0.50	0.002	2.7
MIN.	1	3.3	8	0	0.20	39	0.0	0.30	0.002	0.90
MAX.	6	4.6	56	2	2.0	225	0.10	0.70	0.14	7.2
AVG.	2.8						0.04	0.52	0.05	2.9

DEER CREEK WATERSHED WEIR NUMBER DC-187 Strip mine on west fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	12	4.5	14	0	0.21	58	0	2.0	0.03	8.4
04-29-74	12	4.3	16	0	0	75	0	2.3	0	11
*05-17-74	28	4.4	100	0	0.20	150	0	34	0.10	50
06-13-74	1	3.9	24	0	0.60	150	0	0.30	0.007	1.8
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	3.9	14	0	0.0	58	0	0.30	0.0	1.8
MAX.	12	4.5	24	0	0.60	150	0	2.3	0.03	11
AVG.	8.3						0	1.5	0.01	7.1

DEER CREEK WATERSHED WEIR NUMBER DC-188 Spring on west fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	22	4.1	52	0	0	130	0	14	0	34
04-29-74	12	4.0	46	0	0	125	0	6.6	0	18
05-17-74	22	4.0	40	0	0.10	149	0	11	0.03	39
06-13-74	1	4.0	60	0	0.10	200	0	0.70	0.001	2.4
07-19-74	2	3.4	76	0	0.30	300	0	1.8	0.007	7.2
08-15-74	1	3.5	50	0	0.10	150	0	0.60	0.001	1.8
MIN.	1	3.4	40	0	0.0	125	0	0.60	0.0	1.8
MAX.	22	4.1	76	0	0.10	300	0	14	0.03	39
AVG.	10						0	5.8	0.007	17

DEER CREEK WATERSHED WEIR NUMBER DC 189 Spring on west fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	4.3	12	0	1.3	57	0	0.90	0.10	4.1
04-29-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
05-17-74	1	4.3	10	0	0.50	59	0	0.10	0.006	0.70
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	4.3	10	0	0.50	57	0	0.10	0.006	0.70
MAX.	6	4.3	12	0	1.3	59	0	0.90	0.10	4.1
AVG.	3.5						0	0.50	0.50	2.4

DEER CREEK WATERSHED WEIR NUMBER DC-190 Spring on west fork of Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	34	4.4	10	0	0	46	0	4.1	0	19
04-29-74	1	4.2	24	0	0.80	150	0	0.30	0.01	1.8
05-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	1	4.2	10	0	0.0	46	0	0.30	0.0	1.8
MAX.	34	4.4	24	0	0.80	150	0	4.1	0.01	19
AVG:	18						0	2.2	0.005	10

DEER CREEK WATERSHED WEIR NUMBER DC-191 Spring on Step Run southeast of Strobleton.

03-18-74	34	4.6	6	0	0.21	13	0	2.4	0.10	5.3
*04-29-74	22	4.8	2	4	0.10	175	1.1	0.50	0	46
05-21-74	6	4.9	2	4	0.10	12	0.30	0.10	0.007	0.90
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
*07-15-74	4	3.9	20	0	0.20	250	0	1.0	0	12
08-14-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	6	4.6	2	0	0.10	12	0	0.10	0.007	0.90
MAX.	34	4.9	6	4	0.21	13	0.30	2.4	0.01	5.3
AVG.	20						0.15	1.3	0.009	3.1

DEER CREEK WATERSHED WEIR NUMBER DC-192 Deep mine on Step Run southeast of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	1	4.1	10	0	0.21	24	0	0.10	0.002	0.30
04-24-74	12	4.5	10	0	0.00	20	0	1.4	0.00	2.9
*05-17-74	6	3.8	10	0	0.50	175	0	0.70	0.04	13
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	1	3.4	18	0	0.40	40	0	0.20	0.005	0.50
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	1	3.4	10	0	0	20	0	0.10	0	0.30
MAX.	12	4.5	18	0	0.40	40	0	1.4	0.005	2.9
AVG.	4.7						0	0.57	0.002	1.2

DEER CREEK WATERSHED WEIR NUMBER DC-193 Deep Mine on unnamed tributary to Step Run southeast of Strobleton.

04-24-74	1	2.9	220	0	35	150	0	2.6	0.40	1.8
05-22-74	2	2.9	200	0	38	150	0	4.8	0.90	3.6
06-19-74	1	3.0	220	0	39	325	0	2.6	0.50	3.9
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	1	2.9	200	0	35	150	0	2.6	0.40	1.8
MAX.	2	3.0	220	0	39	325	0	4.8	0.90	3.9
AVG.	1.3						0	3.3	0.60	3.1

DEER CREEK WATERSHED WEIR NUMBER DC-194 Deep Mine (stripped) on unnamed tributary to Mahles Run northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	34	3.6	22	0	0.21	200	0	9.0	0.10	82
04-18-74	4	3.3	980	0	2.0	1400	0	47	0.10	67
05-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	4	3.3	22	0	0.21	200	0	9.0	0.10	67
MAX.	34	3.6	980	0	2.0	1400	0	47	0.10	82
AVG.	19						0	28	0.10	75

DEER CREEK WATERSHED WEIR NUMBER DC-195 Strip Mine on unnamed tributary to Mahles Run northwest of Huefner.

03-14-74	22	2.8	1900	0	118	4750	0	502	31	1254
04-18-74	12	2.7	2400	0	278	5025	0	346	40	724
05-20-74	2	2.6	2600	0	267	4750	0	62	6.4	114
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
*07-17-74	2	2.7	2680	0	223	825	0	64	5.3	20
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	2	2.6	1900	0	118	4750	0	62	6.4	114
MAX.	22	2.8	2600	0	278	5025	0	502	40	1254
AVG.	12						0	303	26	697

DEER CREEK WATERSHED WEIR NUMBER DC-196 Deep Mine on Lauer Run west of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	2	4.0	10	0	0	33	0	0.20	0	0.80
04-18-74	NO SAMPLE AVAILABLE- NO ANALYSIS RETURNED			0	0	0	0	0	0	0
05-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	2	4.0	10	0	0	33	0	0.20	0	0.80
MAX.	2	4.0	10	0	0	33	0	0.20	0	0.80
AVG.	2	4.0	10	0	0	33	0	0.20	0	0.80

DEER CREEK WATERSHED WEIR NUMBER DC-197 Deep Mine on Lauer Run west of Huefner.

03-21-74	6	2.8	100	0	21	300	0	7.2	1.5	22
04-18-74	22	2.8	300	0	19	400	0	72	5.0	106
05-17-74	12	2.9	290	0	32	225	0	42	4.6	32
*06-13-74	4	2.7	300	0	40	100	0	14	1.9	4.8
07-17-74	1	2.7	440	0	21	475	0	5.3	0.20	5.7
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	2.7	100	0	19	225	0	5.3	0.20	5.7
MAX.	22	2.9	440	0	32	475	0	72	5.0	106
AVG.	10						0	32	2.8	41

DEER CREEK WATERSHED WEIR NUMBER DC-198 Strip Mine on unnamed tributary to Little Paint Creek west of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	2	3.3	198	0	3.2	200	0	4.8	0.10	4.8
04-29-74	2	3.4	640	0	1.3	600	0	15	0.03	14
05-21-74	1	3.3	354	0	2.5	350	0	4.2	0.03	4.2
07-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
08-14-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	1	3.3	198	0	1.3	200	0	4.2	0.03	4.2
MAX.	2	3.4	640	0	3.2	600	0	15	0.10	14
AVG.	1.7						0	8.0	0.05	7.7

DEER CREEK WATERSHED WEIR NUMBER DC-199 Strip Mine on Little Paint Creek northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	3.2	130	0	1.1	150	0	9.4	0.10	11
04-29-74	1	3.5	60	0	0.90	225	0	0.70	0.01	2.7
05-21-74	2	4.9	4	4	0.20	26	0	0.10	0.005	0.60
06-17-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
07-15-74	1	5.4	24	38	0.10	45	0	0.30	0.001	0.50
08-14-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	1	3.2	4	0	0.10	26	0.10	0.10	0.001	0.50
MAX.	6	5.4	130	38	1.1	225	0.50	9.4	0.10	11
AVG.	2.5						0.15	2.6	0.03	3.7

DEER CREEK WATERSHED WEIR NUMBER DC-200 Strip Mine on Boyd Run southwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	6	4.2	8	0	0	17	0	0.60	0	1.2
04-24-74	12	4.3	10	0	0	40	0	1.4	0	5.8
05-15-74	9	4.2	8	0	1.6	18	0	0.90	0.20	2.0
06-13-74	6	3.8	20	0	0.40	175	0	1.4	0.03	13
*07-15-74	1	2.6	600	0	0.10	225	0	7.2	0.001	2.7
08-13-74	2	3.6	14	0	2.5	175	0	0.30	0.10	4.2
MIN.	2	3.6	8	0	0	17	0	0.30	0.0	1.2
MAX.	12	4.3	20	0	2.5	175	0	1.4	0.20	13
AVG.	7.0						0	0.92	0.07	5.2

DEER CREEK WATERSHED WEIR NUMBER DC-201 Spring on unnamed tributary to Deer Creek southwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	2	3.9	220	0	0.63	550	0	5.3	0.02	13
*04-24-74	2	3.1	468	0	11	950	0	11	0.30	23
05-15-74	2	5.3	4	20	0.40	150	0.50	0.10	0.01	3.6
06-13-74	1	5.4	12	28	0	225	0.30	0.10	0	2.7
07-15-74	1	3.0	500	0	0.70	900	0	6.0	0.008	11
08-13-74	1	5.6	34	90	6.2	200	1.1	0.40	0.10	2.4
MIN.	1	3.0	4	0	0	150	0	0.10	0	2.4
MAX.	2	5.6	500	90	6.2	900	1.1	6.0	0.10	13
AVG.	1.4						0.38	2.4	0.03	6.5

DEER CREEK WATERSHED WEIR NUMBER DC-202 Spring on unnamed tributary to Deer Creek southwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	6	3.1	540	0	9.6	625	0	39	0.70	45
*04-24-74	4	3.0	412	0	20	775	0	20	1.0	37
05-15-74	2	3.9	190	0	0.40	425	0	4.6	0.01	10
06-13-74	2	3.6	274	0	0.70	650	0	6.6	0.02	16
07-15-74	2	2.4	800	0	6.9	1025	0	19	0.20	25
08-12-74	2	3.2	310	0	1.3	1250	0	7.4	0.3	30
MIN.	2	2.4	190	0	0.40	425	0	4.6	0.01	10
MAX.	6	3.9	800	0	9.6	1250	0	39	0.70	45
AVG.	2.8						0	15	0.19	25

DEER CREEK WATERSHED WEIR NUMBER DC-203 Strip Mine on unnamed tributary to Deer Creek southwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*03-22-74	6	4.1	36	0	0.63	175	0	2.6	0.10	13
04-24-74	2	3.1	280	0	10	975	0	6.7	0.30	23
05-15-74	12	3.1	540	0	8.8	950	0	78	1.3	137
06-13-74	2	2.9	800	0	8.1	925	0	19	0.20	22
07-15-74	1	2.4	1000	0	8.7	1100	0	12	0.10	13
08-12-74	1	2.7	700	0	10	1100	0	8.4	0.10	13
MIN.	1	2.4	280	0	8.1	925	0	6.7	0.10	13
MAX.	12	3.1	1000	0	10	1100	0	78	1.3	137
AVG.	3.6						0	25	0.40	42

DEER CREEK WATERSHED WEIR NUMBER DC-204 Spring on unnamed tributary to Deer Creek southwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*03-22-74	2	4.4	4	0	0	30	0	0.10	0	0.70
*04-24-74	6	3.9	270	0	0.20	550	0	19	0.01	40
*05-15-74	6	3.0	370	0	14	725	0	27	1.0	52
06-13-74	2	2.8	440	0	14	800	0	11	0.30	19
07-15-74	1	2.4	700	0	14	925	0	8.4	0.20	11
08-13-74	1	2.6	800	0	12	1150	0	9.6	0.10	14
MIN.	1	2.4	370	0	12	725	0	8.4	0.10	11
MAX.	6	3.0	800	0	14	1150	0	27	1.0	52
AVG.	2.5						0	14	0.40	24

DEER CREEK WATERSHED WEIR NUMBER DC-205 Strip Mine on unnamed tributary to Deer Creek southwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*04-24-74	6	5.6	6	26	0	175	1.9	0.40	0	13
05-15-74	4	3.1	260	0	7.5	600	0	13	0.40	29
06-13-74	2	2.9	400	0	11	700	0	9.6	0.30	17
*07-15-74	1	2.6	1100	0	9.4	850	0	13	0.10	10
08-12-74	1	2.7	700	0	12	1075	0	8.4	0.10	13
MIN.	1	2.7	260	0	7.5	600	0	8.4	0.10	13
MAX.	4	3.1	700	0	12	1075	0	13	0.40	29
AVG.	2.3						0	10	0.27	20

DEER CREEK WATERSHED WEIR NUMBER DC-206 Gas well on Deer Creek west of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	6.2	22	180	3.4	175	13	1.6	0.30	13
04-23-74	12	6.5	0	190	3.0	150	27	0	0.40	22
05-15-74	12	6.5	6	184	2.9	175	27	0.90	0.40	25
06-19-74	4	6.0	0	196	8.1	175	9.4	0	0.40	8.4
07-16-74	6	6.7	0	168	7.5	300	12	0	0.50	22
08-16-74	2	6.1	20	192	1.2	200	4.6	0.50	0.03	4.8
MIN.	2	6.0	0	168	1.2	150	4.6	0	0.03	4.8
MAX.	12	6.7	22	196	8.1	300	27	1.6	0.50	25
AVG.	7.0						16	0.50	0.34	16

DEER CREEK WATERSHED WEIR NUMBER DC-207 Gas well on Deer Creek west of Shippenville.

03-21-74	2	6.3	4	42	3.0	225	1.0	0.10	0.10	5.4
*04-23-74	6	6.7	0	62	53	75	6.9	0	3.9	5.4
05-15-74	6	6.2	8	48	0.70	200	3.5	0.60	0.10	14
06-19-74	4	6.2	6	90	0.50	200	4.3	0.30	0.02	9.6
07-19-74	6	5.4	24	90	5.6	225	6.5	1.7	0.40	16
08-16-74	4	6.0	10	102	5.4	225	4.9	0.50	0.30	11
MIN.	2	5.4	4	42	0.70	200	1.0	0.10	0.02	5.4
MAX.	6	6.3	24	102	5.6	225	6.5	1.7	0.40	16
AVG.	4.4						4.0	0.64	0.18	11

DEER CREEK WATERSHED WEIR NUMBER DC-208 Gas well on Deer Creek west of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	22	6.2	4	30	4.7	100	1.9	1.1	1.2	26
04-19-74	22	6.2	6	26	1.2	200	6.9	1.6	0.30	53
05-15-74	70	6.0	4	18	1.8	38	15	3.4	1.5	32
06-19-74	9	6.2	2	58	7.8	135	6.3	0.20	0.80	15
07-19-74	9	5.4	28	50	10	200	5.4	3.0	1.1	22
08-16-74	4	5.6	20	54	9.8	250	2.6	1.0	0.50	12
MIN.	4	5.4	2	18	1.2	38	1.9	0.20	0.30	12
MAX.	70	6.2	28	58	10	250	15	3.4	1.5	53
AVG.	23						6.4	1.7	0.90	27

DEER CREEK WATERSHED WEIR NUMBER DC-209 Gas well on Deer Creek west of Shippenville.

03-21-74	6	6.0	8	14	3.0	24	1.0	0.60	0.20	1.7
04-29-74	12	5.7	4	10	0.80	40	1.4	0.60	0.10	5.8
05-15-74	12	5.8	2	10	1.1	16	1.4	0.30	0.20	2.3
06-13-74	4	5.1	8	14	4.5	75	0.70	0.40	0.20	3.6
07-16-74	2	6.1	6	32	15	250	0.80	0.10	0.30	6.0
08-15-74	2	5.6	12	26	2.7	150	0.60	0.30	0.10	3.6
MIN.	2	5.1	2	10	0.80	16	0.60	0.10	0.10	1.7
MAX.	12	6.1	12	32	15	250	1.4	0.60	0.30	6.0
AVG.	6.3						0.98	0.38	0.18	3.8

DEER CREEK WATERSHED WEIR NUMBER DC-210 Strip Mine on northwest fork of Deer Creek northwest of Shippenville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	3.7	124	0	4.0	325	0	8.9	0.30	23
*05-01-74	12	3.6	153	0	0.40	1050	0	22	0.10	151
05-15-74	12	3.9	54	0	2.3	175	0	7.8	0.30	25
06-15-74	4	3.6	34	0	5.7	150	0	1.6	0.30	7.2
07-15-74	1	4.3	74	0	11	150	0	0.90	0.10	1.8
*08-13-74	2	5.4	22	30	14	350	0	0.50	0.30	8.4
MIN.	1	3.6	34	0	2.3	150	0	0.90	0.10	1.8
MAX.	12	4.3	124	0	11	325	0	8.9	0.30	25
AVG.	5.8						0	4.8	0.25	14

DEER CREEK WATERSHED WEIR NUMBER DC-211 Gas well on Deer Creek north of Shippenville Station.

*03-22-74	2	6.1	4	190	13	45	4.6	0.10	0.30	1.1
04-19-74	6	6.6	8	184	12	225	13	0.60	0.80	16
05-21-74	2	6.1	20	182	11	100	4.4	0.40	0.10	2.5
06-13-74	6	5.9	20	200	18	225	14	1.4	1.3	16
07-16-74	4	6.8	0	210	11	400	10	0	0.50	19
08-16-74	2	6.1	18	190	12	125	4.6	0.40	0.30	3.0
MIN.	2	5.9	0	182	11	100	4.4	0	0.10	2.5
MAX.	6	6.8	20	210	18	400	14	1.4	1.3	19
AVG.	4.0						9.2	0.56	0.60	11

DEER CREEK WATERSHED WEIR NUMBER DC-212 Gas well on Deer Creek north of Shippenville Station.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	4	4.2	8	0	2.1	40	0	0.40	0.10	1.9
04-19-74	6	4.7	4	2	0.90	30	0.10	0.30	0.10	2.2
05-15-74	2	3.6	18	0	5.2	106	0	0.40	0.10	2.5
06-13-74	1	3.5	28	0	2.7	175	0	0.30	0.03	2.1
07-16-74	1	3.6	16	0	0.50	325	0	0.20	0.006	3.9
08-14-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	3.5	4	0	0.50	30	0	0.20	0.006	1.9
MAX.	6	4.7	28	2	5.2	325	0.10	0.40	0.10	3.9
AVG.	2.8						0.02	0.32	0.07	2.5

DEER CREEK WATERSHED WEIR NUMBER DC-213 Gas well on Deer Creek north of Shippenville Station.

*03-22-74	12	6.2	10	190	7.1	35	27	1.4	1.0	5.0
04-19-74	16	7.0	0	208	8.3	100	40	0	1.6	19
05-15-74	28	5.7	4	212	7.0	150	71	1.3	2.4	71
06-13-74	22	5.9	20	210	5.8	150	55	5.3	1.5	40
07-16-74	22	7.1	0	214	6.4	225	57	0	1.7	59
08-16-74	22	6.3	0	186	6.9	175	49	0	1.8	46
MIN.	16	5.7	0	186	5.8	100	40	0	1.5	19
MAX.	28	7.1	20	214	8.3	225	71	5.3	2.4	71
AVG.	22						54	1.3	1.8	47

DEER CREEK WATERSHED WEIR NUMBER DC-214 Spring on Deer Creek north of Shipperville Station.
PPM

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	12	5.1	14	14	0.63	35	2.0	2.0	0.10	5.0
04-29-74	6	5.0	2	6	No small bottle	20	0.40	0.10	No small bottle	1.4
05-16-74	22	4.6	4	2	0	14	0.50	1.0	0	3.7
06-13-74	6	4.5	10	0	0	9.0	0	0.70	0	0.60
*07-16-74	6	4.2	6	0	0.10	275	0	0.40	0.10	20
08-16-74	6	5.0	8	8	0.20	150	0.60	0.60	0.10	11
MIN.	6	4.5	2	0	0	9.0	0	0.10	0	0.60
MAX.	22	5.1	14	14	0.63	35	2.0	2.0	0.10	5.0
AVG.	12						0.73	0.95	0.03	2.7

DEER CREEK WATERSHED WEIR NUMBER DC-215 Spring on Deer Creek east of Billings.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	4	3.8	16	0	28	300	0	0.80	1.3	14
*04-25-74	6	3.7	100	0	49	150	0	7.2	3.5	11
05-16-74	9	3.7	30	0	25	175	0	3.2	2.7	19
06-17-74	4	3.4	40	0	36	300	0	1.9	1.7	14
07-16-74	4	3.3	32	0	36	350	0	1.5	1.7	17
08-15-74	6	3.1	44	0	36	225	0	3.2	2.6	16
MIN.	4	3.1	16	0	25	175	0	0.80	1.3	14
MAX.	9	3.8	44	0	36	350	0	3.2	2.7	19
AVG.	5.4						0	2.1	2.0	16

DEER CREEK WATERSHED WEIR NUMBER DC-216 Spring on Deer Creek east of Billings

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	4	3.5	30	0	103	200	0	1.4	4.9	9.6
04-25-74	4	3.4	100	0	64	325	0	4.8	3.1	16
*05-16-74	6	3.5	26	0	0.10	200	0	1.9	0.007	14
06-17-74	50	3.1	60	0	64	475	0	36	38	285
07-16-74	2	3.7	54	0	58	525	0	1.3	1.4	13
08-15-74	50	3.3	142	0	64	400	0	85	38	240
MIN.	2	3.1	30	0	58	200	0	1.3	1.4	9.6
MAX.	50	3.7	142	0	103	525	0	85	38	285
AVG.	22						0	26	17	113

DEER CREEK WATERSHED WEIR NUMBER DC-217 Spring on Deer Creek east of Billings.

DATE	GPM	pH	ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*03-25-74	12	3.3	4	0	46	200	0	0.60	6.7	29
04-25-74	6	3.3	100	0	65	200	0	7.2	4.7	14
05-16-74	6	3.4	40	0	81	175	0	2.9	5.8	13
06-17-74	6	3.3	40	0	51	425	0	2.9	3.7	31
07-16-74	9	3.6	54	0	56	375	0	5.8	6.1	41
08-15-74	6	3.0	300	0	60	275	0	22	4.3	20
MIN.	6	3.0	40	0	51	175	0	2.9	3.7	13
MAX.	9	3.6	300	0	81	425	0	22	6.1	41
AVG.	6.6						0	8.2	4.9	24

DEER CREEK WATERSHED WEIR NUMBER DC-218 Gas well on Deer Creek east of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	50	3.3	122	0	137	300	0	73	82	180
04-25-74	60	3.1	100	0	67	350	0	72	48	252
05-16-74	70	3.2	40	0	62	300	0	34	52	252
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-16-74	28	3.2	100	0	68	600	0	34	23	202
08-15-74	4	4.0	122	0	58	350	0	5.9	2.8	17
MIN.	4	3.1	40	0	62	300	0	5.9	2.8	17
MAX.	70	4.0	122	0	137	600	0	73	82	252
AVG.	42						0	44	42	181

DEER CREEK WATERSHED WEIR NUMBER DC-219 Spring on Deer Creek east of Billings.

*03-14-74	1	3.1	100	0	172	325	0	2.4	4.1	7.8
04-25-74	1	3.1	100	0	75	325	0	2.4	1.8	7.8
05-16-74	1	3.0	60	0	69	400	0	1.4	1.6	9.6
06-17-74	2	3.0	80	0	70	600	0	1.9	1.7	14
07-16-74	2	2.8	140	0	79	650	0	3.4	1.9	16
08-15-74	1	2.8	300	0	70	475	0	3.6	0.80	5.7
MIN.	1	2.8	60	0	69	325	0	1.4	0.80	5.7
MAX.	2	3.1	300	0	79	650	0	3.6	1.9	16
AVG.	1.4						0	2.5	1.6	11

DEER CREEK WATERSHED WEIR NUMBER DC-220 Strip Mine on Deer Creek east of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	6	4.5	18	0	0.42	115	0	1.3	0.03	8.3
04-25-74	1	4.4	32	0	0.40	150	0	0.38	0.005	1.8
05-16-74	2	4.3	28	0	0.10	150	0	0.70	0.002	3.6
06-17-74	1	4.7	8	4	0.60	225	0.05	0.10	0.007	2.7
07-19-74	1	4.6	20	4	0.40	85	0.05	0.40	0.005	1.0
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	1	4.3	8	0	0.10	85	0	0.10	0.002	1.0
MAX.	6	4.7	32	4	0.60	225	0.05	1.3	0.03	8.3
AVG.	2.2						0.02	0.58	0.01	3.5

DEER CREEK WATERSHED WEIR NUMBER DC-221 Gas well on Deer Creek east of Billings.

*03-14-74	9	3.1	120	0	232	325	0	13	25	35
04-25-74	22	3.0	100	0	No small bottle	400	0	26	No small bottle	106
05-16-74	22	3.0	60	0	74	350	0	16	20	92
06-17-74	12	3.1	120	0	80	475	0	17	12	68
07-16-74	6	3.0	140	0	90	575	0	10	6.5	41
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	6	3.0	60	0	74	350	0	10	6.5	41
MAX.	22	3.1	140	0	90	575	0	26	20	106
AVG.	16						0	17	13	77

DEER CREEK WATERSHED WEIR NUMBER DC-222 Gas well on Deer Creek east of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	12	3.2	78	0	20	380	0	11	2.9	55
04-25-74	2	3.0	80	0	36	300	0	1.9	0.90	7.2
05-16-74	34	2.8	100	0	27	425	0	41	11	173
06-17-74	6	3.2	68	0	8.9	350	0	4.9	0.60	25
07-16-74	2	2.9	140	0	38	325	0	3.4	0.90	7.8
08-15-74	NO SAMPLE AVAILABLE-DRY			0				0		
MIN.	2	2.8	68	0	8.9	300	0	1.9	0.60	7.2
MAX.	34	3.2	140	0	38	425	0	41	11	173
AVG.	11						0	12	3.3	54

DEER CREEK WATERSHED WEIR NUMBER DC-224 Strip mine on unnamed tributary to Deer Creek south of Billings.

3-25-74	2	3.6	132	0	1.3	210	0	3.2	0.03	5.0
04-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
05-16-74	2	3.5	124	0	0.60	200	0	3.0	0.01	4.8
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	1	5.5	16	0	1.3	120	0	0.20	0.02	1.4
08-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	1	3.5	16	0	0.60	120	0	0.20	0.01	1.4
MAX.	2	5.5	132	20	1.3	210	0.24	3.2	0.03	5.0
AVG.	1.7						0.08	2.1	0.02	3.7

DEER CREEK WATERSHED WEIR NUMBER DC-225 Spring on unnamed tributary to Deer Creek northwest of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	9	4.0	50	0	1.6	150	0	5.4	0.20	16
04-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
05-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
MIN.	9	4.0	50	0	1.6	150	0	5.4	0.20	16
MAX.	9	4.0	50	0	1.6	150	0	5.4	0.20	16
AVG.	9	4.0	50	0	1.6	150	0	5.4	0.20	16

DEER CREEK WATERSHED WEIR NUMBER DC-226 Gas well on unnamed tributary to Deer Creek northwest of Billings.

03-14-74	6	4.6	228	2	192	975	0.10	16	14	70
04-30-74	6	3.2	230	0	51	1025	0	17	3.7	74
05-16-74	6	2.9	200	0	110	800	0	14	7.9	58
06-17-74	6	3.0	240	0	103	1075	0	17	7.4	77
07-19-74	6	3.4	326	0	214	1400	0	24	15	101
08-16-74	6	3.7	228	0	135	1275	0	16	9.7	92
MIN.	6	2.9	200	0	51	800	0	14	3.7	58
MAX.	6	4.6	326	2	214	1400	0.10	24	15	101
AVG.	6.0						0.02	17	9.6	79

DEER CREEK WATERSHED WEIR NUMBER DC-227 Spring on unnamed tributary to Deer Creek Northeast of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	4.5	14	0	0	43	0	1.0	0	3.1
04-30-74	50	3.9	14	0	0	45	0	8.4	0	27
05-74	NO SAMPLE AVAILABLE-DRY									
06-17-74	NO SAMPLE AVAILABLE-DRY									
07-15-74	NO SAMPLE AVAILABLE-DRY									
08-15-74	NO SAMPLE AVAILABLE-DRY									
MIN.	6	3.9	14	0	0	43	0	1.0	0	3.1
MAX.	50	4.5	14	0	0	45	0	8.4	0	27
AVG.	28						0	4.7		15

DEER CREEK WATERSHED WEIR NUMBER DC-228 Intermittent small stream on unnamed tributary to Deer Creek west of Haynie.

03-25-74	397	3.1	230	0	26	350	0	1096	123	1667
04-29-74	50	3.0	500	0	14	925	0	300	8.6	555
05-16-74	123	3.0	290	0	25	550	0	428	38	812
06-13-74	70	2.7	620	0	44	850	0	521	37	714
07-15-74	28	2.7	700	0	43	1200	0	235	15	403
08-13-74	34	2.7	800	0	43	1450	0	326	18	592
MIN.	28	2.7	230	0	14	350	0	235	8.6	403
MAX.	397	3.1	800	0	44	1450	0	1096	123	1667
AVG.	117						0	484	40	791

DEER CREEK WATERSHED WEIR NUMBER DC-229 Intermittent small stream west of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	193	3.7	40	0	3.1	225	0	93	7.2	521
04-29-74	12	4.0	30	0	No small bottle	75	0	4.3	No small bottle	11
05-16-74	42	3.8	40	0	1.4	200	0	20	0.70	101
06-13-74	9	3.6	50	0	1.6	125	0	5.4	0.20	14
07-15-74	9	3.2	90	0	4.0	300	0	9.7	0.40	32
08-13-74	4	3.1	82	0	5.6	425	0	3.9	0.30	20
MIN.	4	3.1	30	0	1.4	75	0	3.9	0.20	11
MAX.	193	4.0	90	0	5.6	425	0	93	7.2	521
AVG.	45						0	23	1.8	117

DEER CREEK WATERSHED WEIR NUMBER DC-230 Gas well on Judith Run East of Billings.

03-21-74	70	3.5	266	0	198	525	0	223	167	441
04-25-74	22	3.3	200	0	159	575	0	53	42	152
05-22-74	17	3.0	240	0	144	550	0	49	29	112
06-12-74	22	2.8	240	0	134	600	0	63	35	158
07-19-74	28	2.8	800	0	132	1050	0	269	44	353
08-19-74	9	3.2	420	0	191	1050	0	45	21	113
MIN.	9	2.8	200	0	132	525	0	45	21	112
MAX.	70	3.5	800	0	198	1050	0	269	167	441
AVG.	28						0	117	56	222

DEER CREEK WATERSHED WEIR NUMBER DC-231 Gas well on Judith Run southeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-30-74	70	3.2	30	0	9.3	100	0	25	7.8	84
05-22-74	70	2.9	220	0	20	275	0	185	17	231
06-13-74	22	3.1	54	0	16	225	0	14	4.1	59
*07-19-74	17	2.5	700	0	27	325	0	143	5.5	66
08-14-74	22	2.8	220	0	54	650	0	58	14	172
MIN.	22	2.8	30	0	9.3	100	0	14	4.1	59
MAX.	70	3.2	220	0	54	650	0	185	17	231
AVG.	46						0	71	11	137

DEER CREEK WATERSHED WEIR NUMBER DC-232 Strip Mine on East fork of Judith Run east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	34	4.7	4	4	0	17	1.6	1.6	0	7.0
04-29-74	6	4.9	2	6	No small bottle	16	0.40	0.10	No small bottle	1.2
05-16-74	17	4.6	4	2		14	0.40	0.80	0.02	2.8
06-13-74	1	4.9	4	4	0.10	14	0.05	0.05	0.01	0.20
07-15-74	6	5.5	12	12	0.80	10	0.90	0.90	0.10	0.70
08-15-74		NO SAMPLE AVAILABLE-DRY		0	1.3	0	0	0	0	0
MIN.	1	4.6	2	2	0	10	0.05	0.05	0	0.20
MAX.	34	5.5	12	12	1.3	17	1.6	1.6	0.10	7.0
AVG.	13						0.67	0.69	0.03	2.4

DEER CREEK WATERSHED WEIR NUMBER DC-233 Spring on Judith Run east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	2	4.5	6	0	0	38	0	0.10	0	0.90
04-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
05-16-74	2	4.5	6	0	1.1	42	0	0.10	0.03	1.0
06-17-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
07-15-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
08-15-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	2	4.5	6	0	0	38	0	0.10	0.0	0.90
MAX.	2	4.5	6	0	1.1	42	0	0.10	0.03	1.0
AVG.	2.0						0	0.10	0.02	0.95

DEER CREEK WATERSHED WEIR NUMBER DC-234 Spring on Judith Run east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	4.9	10	6	0	68	0.40	0.70	0	4.9
04-29-74	22	5.3	4	12	No small bottle	84	3.2	1.0	No small bottle	22
05-16-74	22	4.8	6	4	0	66	1.0	1.6	0	17
06-13-74	12	4.7	36	2	1.2	200	0.30	5.2	0.20	29
07-16-74	6	5.3	14	14	0.10	275	1.0	1.0	0.007	20
08-15-74	2	4.8	28	6	0.50	225	0.10	0.70	0.01	5.4
MIN.	2	4.7	4	4	0	66	0.10	0.70	0	4.9
MAX.	22	5.3	36	14	1.2	275	3.2	5.2	0.20	29
AVG.	12						1.0	1.7	0.04	16

DEER CREEK WATERSHED WEIR NUMBER DC-235 Intermittent small stream east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	12	4.4	56	0	0	175	0	8.1	0	25
04-29-74	6	5.0	52	8	No small bottle 212		0.60	3.8	No small bottle 15	
05-16-74	22	4.2	72	0	0.10	150	0	19	0.03	40
06-13-74	2	3.9	114	0	0	200	0	2.7	0	4.8
07-16-74	2	4.1	78	0	0	325	0	1.9	0	7.8
*08-15-74	2	2.9	500	0	4.7	750	0	12	0.10	18
MIN.	2	3.9	52	0	0	150	0	1.9	0	4.8
MAX.	22	5.0	114	8	0.10	325	0.60	19	0.03	40
AVG.	8.8						0.12	7.1	0.006	19

DEER CREEK WATERSHED WEIR NUMBER DC-236 Deep mine (stripped) on Judith Run west of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	4	4.0	46	0	0	95	0	4.6	0	4.6
04-23-74	2	3.9	50	0	0	100	0	1.2	0	2.4
05-16-74	2	3.5	48	0	1.3	200	0	1.2	0.03	4.8
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	2	3.5	46	0	0	95	0	1.2	0	2.4
MAX.	4	4.0	50	0	1.3	200	0	4.6	0.03	4.8
AVG.	2.7						0	2.3	0.02	4.0

DEER CREEK WATERSHED WEIR NUMBER DC-237 Strip mine on Judith Run northeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	12	2.7	500	0	35	1225	0	72	5.1	176
04-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
05-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	12	2.7	500	0	35	1225	0	72	5.1	176
MAX.	12	2.7	500	0	35	1225	0	72	5.1	176
AVG.	12	2.7	500	0	35	1225	0	72	5.1	176

DEER CREEK WATERSHED WEIR NUMBER DC-238 Strip mine on west fork of Judith Run east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	2	4.0	80	0	0	225	0	1.9	0	5.4
04-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
05-15-74	42	4.0	132	0	0.60	250	0	67	0.30	126
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
*08-15-74	1	2.8	500	0	8.8	350	0	6.0	0.20	4.2
MIN.	2	4.0	80	0	0.0	225	0	1.9	0.0	5.4
MAX.	42	4.0	132	0	0.60	250	0	67	0.30	126
AVG.	22						0	34	0.15	66

DEER CREEK WATERSHED WEIR NUMBER DC-239 Strip mine of west fork of Judith Run west of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-18-74	22	3.9	124	0	0.43	200	0	33	0.10	53
04-23-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
05-15-74'	4	4.0	132	0	0.60	225	0	6.3	0.03	11
06-17-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
*07-16-74	4	3.6	164	0	38	425	0	7.9	1.8	20
*08-15-74	1	2.8	500	0	8.9	325	0	6.0	0.10	3.9
MIN.	4	3.9	124	0	0.43	200	0	6.3	0.03	11
MAX.	22	4.0	132	0	0.60	225	0	33	0.10	53
AVG.	13						0	20	0.07	32

DEER CREEK WATERSHED WEIR NUMBER DC-240 Strip mine on west fork of Judith Run west of Haynie.

03-22-74	1	4.0	124	0	0.21	225	0	1.5	0.002	2.7
04-23-74	22	3.9	90	0	0	200	0	24	0	53
05-15-74	17	4.0	102	0	0.30	200	0	21	0.10	41
06-13-74	4	3.4	154	0	0	150	0	7.4	0	7.2
*07-16-74	2	3.8	164	0	40	475	0	3.9	1.0	11
08-15-74	2	3.5	132	0	1.3	225	0	3.2	0.03	5.4
MIN.	1	3.4	90	0	0.0	150	0	1.5	0.0	2.7
MAX.	22	4.0	154	0	1.3	225	0	24	0.10	53
AVG.	9.2						0	11	0.03	22

DEER CREEK WATERSHED WEIR NUMBER DC-241 Strip mine on west fork of Judith Run northwest of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-15-74	12	4.0	140	0	0	150	0	20	0	22
04-23-74	4	4.0	100	0	11	200	0	4.8	0.50	9.6
05-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
06-13-74	2	3.6	140	0	0.10	200	0	3.4	0.002	4.8
07-16-74	6	3.9	138	0	13	350	0	9.9	0.90	25
08-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	2	3.6	100	0	0.0	150	0	3.4	0.0	4.8
MAX.	12	4.0	140	0	13	350	0	20	0.90	25
AVG.	6.0						0	9.5	0.35	15

DEER CREEK WATERSHED WEIR NUMBER DC-242 Strip mine on west fork of Judith Run northwest of Haynie.

03-22-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
04-23-74	17	3.9	110	0	0.10	225	0	22	0.02	46
05-15-74	4	4.0	68	0	0.60	150	0	3.3	0.03	7.2
06-13-74	2	3.1	142	0	0.50	150	0	3.4	0.01	3.6
07-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
08-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	2	3.1	68	0	0.10	150	0	3.3	0.01	3.6
MAX.	17	4.0	142	0	0.60	225	0	22	0.03	46
AVG.	7.7						0	9.6	0.02	19

DEER CREEK WATERSHED WEIR NUMBER DC-235 Intermittent small stream east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	12	4.4	56	0	0	175	0	8.1	0	25
04-29-74	6	5.0	52	8	No small bottle	212	0.60	3.8	No small bottle	15
05-16-74	22	4.2	72	0	0.10	150	0	19	0.03	40
06-13-74	2	3.9	114	0	0	200	0	2.7	0	4.8
07-16-74	2	4.1	78	0	0	325	0	1.9	0	7.8
*08-15-74	2	2.9	500	0	4.7	750	0	12	0.10	18
MIN.	2	3.9	52	0	0	150	0	1.9	0	4.8
MAX.	22	5.0	114	8	0.10	325	0.60	19	0.03	40
AVG.	8.8						0.12	7.1	0.006	19

DEER CREEK WATERSHED WEIR NUMBER DC-236 Deep mine (stripped) on Judith Run west of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	4	4.0	46	0	0	95	0	4.6	0	4.6
04-23-74	2	3.9	50	0	0	100	0	1.2	0	2.4
05-16-74	2	3.5	48	0	1.3	200	0	1.2	0.03	4.8
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	2	3.5	46	0	0	95	0	1.2	0	2.4
MAX.	4	4.0	50	0	1.3	200	0	4.6	0.03	4.8
AVG.	2.7						0	2.3	0.02	4.0

DEER CREEK WATERSHED WEIR NUMBER DC-237 Strip mine on Judith Run northeast of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-14-74	12	2.7	500	0	35	1225	0	72	5.1	176
04-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
05-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	12	2.7	500	0	35	1225	0	72	5.1	176
MAX.	12	2.7	500	0	35	1225	0	72	5.1	176
AVG.	12	2.7	500	0	35	1225	0	72	5.1	176

DEER CREEK WATERSHED WEIR NUMBER DC-238 Strip mine on west fork of Judith Run east of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	2	4.0	80	0	0	225	0	1.9	0	5.4
04-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
05-15-74	42	4.0	132	0	0.60	250	0	67	0.30	126
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
*08-15-74	1	2.8	500	0	8.8	350	0	6.0	0.20	4.2
MIN.	2	4.0	80	0	0.0	225	0	1.9	0.0	5.4
MAX.	42	4.0	132	0	0.60	250	0	67	0.30	126
AVG.	22						0	34	0.15	66

DEER CREEK WATERSHED WEIR NUMBER DC-239 Strip mine of west fork of Judith Run west of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-18-74	22	3.9	124	0	0.43	200	0	33	0.10	53
04-23-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
05-15-74	4	4.0	132	0	0.60	225	0	6.3	0.03	11
06-17-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
*07-16-74	4	3.6	164	0	38	425	0	7.9	1.8	20
*08-15-74	1	2.8	500	0	8.9	325	0	6.0	0.10	3.9
MIN.	4	3.9	124	0	0.43	200	0	6.3	0.03	11
MAX.	22	4.0	132	0	0.60	225	0	33	0.10	53
AVG.	13						0	20	0.07	32

DEER CREEK WATERSHED WEIR NUMBER DC-240 Strip mine on west fork of Judith Run west of Haynie.

03-22-74	1	4.0	124	0	0.21	225	0	1.5	0.002	2.7
04-23-74	22	3.9	90	0	0	200	0	24	0	53
05-15-74	17	4.0	102	0	0.30	200	0	21	0.10	41
06-13-74	4	3.4	154	0	0	150	0	7.4	0	7.2
*07-16-74	2	3.8	164	0	40	475	0	3.9	1.0	11
08-15-74	2	3.5	132	0	1.3	225	0	3.2	0.03	5.4
MIN.	1	3.4	90	0	0.0	150	0	1.5	0.0	2.7
MAX.	22	4.0	154	0	1.3	225	0	24	0.10	53
AVG.	9.2						0	11	0.03	22

DEER CREEK WATERSHED WEIR NUMBER DC-241 Strip mine on west fork of Judith Run northwest of Haynie.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-15-74	12	4.0	140	0	0	150	0	20	0	22
04-23-74	4	4.0	100	0	11	200	0	4.8	0.50	9.6
05-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
06-13-74	2	3.6	140	0	0.10	200	0	3.4	0.002	4.8
07-16-74	6	3.9	138	0	13	350	0	9.9	0.90	25
08-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	2	3.6	100	0	0.0	150	0	3.4	0.0	4.8
MAX.	12	4.0	140	0	13	350	0	20	0.90	25
AVG.	6.0						0	9.5	0.35	15

DEER CREEK WATERSHED WEIR NUMBER DC-242 Strip mine on west fork of Judith Run northwest of Haynie.

03-22-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
04-23-74	17	3.9	110	0	0.10	225	0	22	0.02	46
05-15-74	4	4.0	68	0	0.60	150	0	3.3	0.03	7.2
06-13-74	2	3.1	142	0	0.50	150	0	3.4	0.01	3.6
07-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
08-15-74	NO SAMPLE	AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	2	3.1	68	0	0.10	150	0	3.3	0.01	3.6
MAX.	17	4.0	142	0	0.60	225	0	22	0.03	46
AVG.	7.7						0	9.6	0.02	19

DEER CREEK WATERSHED WEIR NUMBER DC-247 Intermittent small stream below strip mine on Licking Creek southeast of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	397	4.5	18	0	0	54	0	86	0	257
04-19-74	60	4.4	10	0	0.60	40	0	7.2	0.40	29
05-15-74	123	4.7	12	2	0	67	3.0	18	0	99
06-13-74	94	4.2	16	0	0.10	77	0	18	0.10	87
*07-15-74	34	4.0	18	0	0.20	475	0	7.3	0.10	194
08-14-74	12	3.8	24	0	1.2	150	0	3.5	0.20	22
MIN.	12	3.8	10	0	0.0	40	0	3.5	0	22
MAX.	397	4.7	24	2	1.2	150	3.0	86	0.40	257
AVG.	137						0.60	27	0.14	99

DEER CREEK WATERSHED WEIR NUMBER DC-248 Spring on Licking Creek southeast of Lickingville.

03-22-74	1	5.5	28	54	31	225	0.60	0.30	0.40	2.6
04-18-74	1	5.7	12	40	29	325	0.50	0.10	0.30	3.8
05-15-74	1	5.6	20	34	59	100	0.40	0.20	0.70	1.2
06-13-74	2	5.4	40	62	45	325	1.5	1.0	1.1	7.8
07-15-74	1	5.4	38	58	45	450	0.70	0.50	0.50	5.4
08-14-74	2	5.4	40	56	109	425	1.3	1.0	2.6	10
MIN.	1	5.4	12	34	29	100	0.40	0.10	0.30	1.2
MAX.	2	5.7	40	62	109	450	1.5	1.0	2.6	10
AVG.	1.3						0.83	0.52	0.93	5.1

DEER CREEK WATERSHED WEIR NUMBER DC-249A Spring on Licking Creek southeast of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	2	5.7	80	90	44	325	2.2	1.9	1.1	7.8
04-19-74	1	5.8	10	88	50	550	1.1	0.10	0.60	6.6
05-15-74	1	6.0	20	88	62	300	1.1	0.20	0.70	3.6
06-13-74	4	5.5	22	90	44	275	4.3	1.1	2.1	13
07-15-74	4	5.8	24	76	129	450	3.6	1.2	6.2	22
08-14-74	2	5.6	40	88	45	425	2.1	1.0	1.1	10
MIN.	1	5.5	10	76	44	275	1.1	0.10	0.60	3.6
MAX.	4	6.0	80	90	129	550	4.3	1.9	6.2	22
AVG.	2.3						2.4	0.92	2.0	11

DEER CREEK WATERSHED WEIR NUMBER DC-249B Spring below strip mine on Licking Creek southeast of Lickingville.

03-22-74	22	4.6	6	2	0	30	0.50	1.5	0	7.9
04-19-74	17	4.5	6	0	0.20	40	0	1.2	0.04	8.2
05-15-74	28	4.6	6	2	0.70	44	0.70	2.0	0.20	15
06-13-74	12	4.2	24	0	5.3	150	0	3.5	0.80	22
07-15-74	22	4.0	44	0	2.8	275	0	12	0.70	73
08-14-74	2	3.7	42	0	3.7	175	0	1.0	0.10	4.2
MIN.	2	3.7	6	0	0.0	30	0.0	1.0	0.0	4.2
MAX.	28	4.6	44	2	5.3	275	0.70	12	0.80	73
AVG.	17						0.20	3.5	0.31	22

DEER CREEK WATERSHED WEIR NUMBER DC-250 Spring on Licking Creek southeast of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	1	4.3	10	0	0.83	35	0	0.10	0.01	0.40
04-08-74	1	4.4	10	0	0	40	0	0.10	0	0.50
05-15-74	1	4.3	10	0	0.30	17	0	0.10	0.004	0.20
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	1	4.3	10	0	0.0	17	0	0.10	0.0	0.20
MAX.	1	4.4	10	0	0.83	40	0	0.10	0.01	0.50
AVG.	1						0	0.10	0.005	0.37

DEER CREEK WATERSHED WEIR NUMBER DC-251 Spring on Licking Creek southeast of Lickingville.

03-22-74	2	4.2	18	0	2.9	30	0	0.40	0.10	0.70
04-19-74	1	4.2	12	0	2.8	45	0	0.10	0.30	0.50
05-15-74	6	4.3	10	0	6.0	38	0	0.70	0.40	2.7
06-17-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
*08-14-74	2	4.9	32	14	10	175	0	0.80	0.20	4.2
MIN.	1	4.2	10	0	2.8	30	0	0.10	0.10	0.70
MAX.	6	4.3	18	0	6.0	45	0	0.70	0.40	2.7
AVG.	3.0						0	0.40	0.27	1.3

DEER CREEK WATERSHED WEIR NUMBER DC-252 Spring on Licking Creek southeast of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	12	4.4	16	0	0.63	30	0	2.3	0.10	4.3
04-19-74	12	4.3	18	0	No small bottle	30	0	2.6	No small bottle	4.3
05-15-74	50	4.3	20	0	0.10	59	0	12	0.10	35
*06-14-74	2	4.5	20	0	13	200	0	0.50	0.30	4.8
07-15-74	4	4.7	8	0	7.3	40	0	0.40	0.40	1.9
08-14-74	1	3.6	90	0	0.60	225	0	1.1	0.007	2.7
MIN.	1	3.6	8	0	0.10	30	0	0.40	0.007	1.9
MAX.	50	4.7	90	0	7.3	225	0	12	0.40	35
AVG.	16						0	3.7	0.15	9.6

DEER CREEK WATERSHED WEIR NUMBER DC-253 Spring on Licking Creek southeast of Lickingville.

03-22-74	12	4.5	4	0	0	45	0	0.60	0	6.5
04-19-74	6	4.5	4	0	0.20	45	0	0.30	0.01	3.2
05-15-74	17	4.5	4	0	0.40	43	0	0.80	0.10	8.8
*06-14-74	22	4.0	68	0	0.50	150	0	18	0.10	40
*07-15-74	22	3.9	76	0	0	225	0	20	0	59
08-15-74	NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0	0
MIN.	6	4.5	4	0	0	43	0	0.30	0	3.2
MAX.	17	4.5	4	0	0.40	45	0	0.80	0.10	8.8
AVG.	12						0	0.56	0.04	6.2

DEER CREEK WATERSHED WEIR NUMBER DC-254 Spring on Licking Creek west of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	2	4.8	2	4	3.1	45	0.10	0.10	0.10	1.1
04-29-74	2	4.2	4	0	0	150	0	0.10	0	3.6
05-21-74	4	4.9	2	4	0.20	21	0.20	0.10	0.01	1.0
06-19-74	4	5.0	6	6	0.20	175	0.30	0.30	0.01	8.4
*07-19-74	6	4.2	700	0	0.10	125	0.00	50	0.007	9.0
08-19-74	2	5.0	8	16	0.90	275	0.20	0.40	0.02	6.6
MIN.	2	4.2	2	0	0	21	0	0.10	0	1.0
MAX.	4	5.0	8	16	3.1	275	0.30	0.40	0.10	8.4
AVG.	2.8						0.16	0.20	0.03	4.1

DEER CREEK WATERSHED WEIR NUMBER DC-255 Gas well on Licking Creek west of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	2	3.9	22	0	13	40	0	0.50	0.30	1.0
04-29-74	1	3.8	18	0	No small bottle	175	0	0.20	No small bottle	2.1
*05-21-74	1	5.5	36	38	26	225	0	0.40	0.30	2.7
06-19-74	1	3.5	36	0	15	250	0	0.40	0.20	3.0
07-15-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
08-15-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	1	3.5	18	0	13	40	0	0.20	0.20	1.0
MAX.	2	3.9	36	0	15	250	0	0.50	0.30	3.0
AVG.	1.3						0	0.37	0.25	2.0

DEER CREEK WATERSHED WEIR NUMBER DC-256 Spring on Licking Creek north of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	12	3.6	66	0	0.67	165	0	9.5	0.10	24
04-23-74	12	3.5	80	0	0.10	150	0	12	0.01	22
05-22-74	28	3.5	72	0	0.20	150	0	24	0.10	50
06-19-74	6	3.4	122	0	0.10	325	0	8.8	0.007	23
07-15-74	8	3.9	110	0	0	175	0	11	0	17
08-12-74	12	3.2	76	0	0.30	275	0	11	0.04	40
MIN.	6	3.2	66	0	0	150	0	8.8	0	17
MAX.	28	3.9	122	0	0.67	325	0	24	0.10	50
AVG.	13						0	13	0.04	29

DEER CREEK WATERSHED WEIR NUMBER DC-257 Spring on Licking Creek north of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	2	3.7	60	0	0	165	0	1.4	0	4.0
04-29-74	4	3.7	72	0	NO SMALL BOTTLE	150	0	3.4	NO SMALL BOTTLE	7.2
05-22-74	4	3.5	108	0	0.10	150	0	5.2	0.005	7.2
06-19-74	2	3.6	84	0	0.10	225	0	2.0	0.002	5.4
07-15-74	4	3.5	78	0	0	150	0	3.7	0	7.2
08-12-74	4	3.4	54	0	0.40	175	0	2.6	0.02	8.4
MIN.	2	3.4	54	0	0	150	0	1.4	0	4.0
MAX.	4	3.7	108	0	0.40	225	0	5.2	0.02	8.4
AVG.	3.3						0	3.1	0.005	6.6

DEER CREEK WATERSHED WEIR NUMBER DC-258 Spring and gas well on Licking Creek east of Lickingville.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-25-74	17	4.4	8	0	2.2	35	0	1.6	0.40	7.2
04-19-74	22	4.2	10	0	2.3	10	0	2.6	0.60	2.6
04-24-74	70	4.1	10	0	2.9	35	0	8.4	2.4	29
05-15-74	34	3.9	10	0	5.9	58	0	4.1	2.4	24
06-14-74	34	3.5	18	0	2.5	37	0	7.3	1.0	15
07-15-74	42	3.8	36	0	3.0	55	0	18	1.5	28
*08-13-74	12	3.7	14	0	5.7	300	0	2.0	0.80	43
MIN.	17	3.5	8	0	2.2	10	0	1.6	0.40	2.6
MAX.	70	4.4	36	0	5.9	58	0	18	2.4	29
AVG.	37						0	7.0	1.4	18

DEER CREEK WATERSHED WEIR NUMBER DC-259 Strip mine west of fork of Step Run south of Strobleton.

03-25-74	6	3.9	54	0	0.89	95	0	3.9	0.10	6.8
04-24-74	12	3.7	60	0	1.0	175	0	8.6	0.10	25
05-17-74	22	3.1	200	0	2.8	200	0	53	0.70	53
06-14-74	1	3.3	110	0	5.1	100	0	1.3	0.20	1.2
07-15-74	1	4.2	38	0	0.30	200	0	0.50	0.004	2.4
MIN.	1	3.1	38	0	0.30	95	0	0.50	0.004	1.2
MAX.	22	4.2	200	0	5.1	200	0	53	0.70	53
AVG.	8.4						0	13	0.22	18

DEER CREEK WATERSHED WEIR NUMBER DC-260 Spring on west fork of Step Run south of Strobleton.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-21-74	6	4.5	22	0	0.21	115	0	1.6	0.02	8.3
04-29-74	1	4.2	28	0	0.10	150	0	0.30	0.001	1.8
05-17-74	6	4.1	32	0	0.30	175	0	2.3	0.02	13
06-17-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	4.1	22	0	0.10	115	0	0.30	0.001	1.8
MAX.	6	4.5	32	0	0.30	175	0	2.3	0.02	13
AVG.	4.3						0	1.4	0.01	7.7

DEER CREEK WATERSHED WEIR NUMBER DC-261 Spring on west fork of Step Run south of Strobleton.

03-21-74	2	4.6	10	2	0.20	13	0.05	0.20	0.005	0.30
04-29-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
05-17-74	1	4.4	6	0	0.10	150	0	0.10	0.001	1.8
06-17-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
08-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	4.4	6	0	0.10	13	0	0.10	0	0.30
MAX.	2	4.6	10	2	0.20	150	0.05	0.20	0.005	1.8
AVG.	1.5						0.03	0.15	0.003	1.1

DEER CREEK WATERSHED WEIR NUMBER DC-262 Deep mine on unnamed tributary to Licking Creek north of Lucinda.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
03-22-74	6	2.9	420	0	28	325	0	30	2.0	23
04-16-74	12	2.8	260	0	34	350	0	37	4.9	50
05-15-74	12	2.9	240	0	31	300	0	35	4.5	43
06-14-74	1	2.8	420	0	24	350	0	5.0	0.30	4.2
07-19-74	2	2.4	800	0	29	700	0	19	0.70	17
08-12-74	1	2.6	600	0	32	675	0	7.2	0.40	8.1
MIN.	1	2.4	240	0	24	300	0	5.0	0.30	4.2
MAX.	12	2.9	800	0	34	700	0	37	4.9	50
AVG.	5.7						0	22	2.1	24

DEER CREEK WATERSHED WEIR NUMBER DC-263 Gas well on Little Paint Creek southeast of Millerstown.

04-29-74	6	5.0	8	14	4.1	100	1.0	0.60	0.30	7.2
05-22-74	6	5.0	18	14	17	75	1.0	1.3	1.2	5.4
*06-14-74	2	5.3	2	18	2.4	8	0.40	0.05	0.10	0.20
07-19-74	2	5.1	70	22	23	200	0.50	1.7	0.60	4.8
08-15-74	2	5.6	30	28	11	175	0.70	0.70	0.30	4.2
MIN.	2	5.0	8	14	4.1	75	0.50	0.60	0.30	4.2
MAX.	6	5.6	70	28	23	200	1.0	1.7	1.2	7.2
AVG.	4.0						0.80	1.1	0.60	5.4

DEER CREEK WATERSHED WEIR NUMBER DC-265 Spring on Mahles Run southwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-29-74	34	4.0	102	0	0	150	0	42	0	61
05-22-74	123	3.8	152	0	3.6	225	0	224	5.3	332
06-14-74	34	3.6	172	0	0.10	300	0	70	0.04	122
07-19-74	12	3.3	224	0	0.40	650	0	32	0.10	94
08-13-74	9	3.5	202	0	0.30	400	0	22	0.03	43
MIN.	9	3.3	102	0	0	150	0	22	0	43
MAX.	123	4.0	224	0	3.6	650	0	224	5.3	332
AVG.	42						0	78	1.1	130

DEER CREEK WATERSHED WEIR NUMBER DC-266 Spring on Mahles Run southwest of Huefner.

04-29-74	12	4.6	10	2	0.10	100	0.30	1.4	0.01	14
05-22-74	50	3.8	80	0	0.10	250	0	48	0.10	150
06-14-74	17	3.7	126	0	0.10	225	0	26	0.02	46
07-19-74	22	3.3	148	0	0.30	425	0	39	0.10	112
08-13-74	6	3.6	134	0	0	275	0	9.6	0	20
MIN.	6	3.3	10	0	0.00	100	0	1.4	0.0	14
MAX.	50	4.6	148	2	0.30	425	0.30	48	0.10	150
AVG.	21						0.06	25	0.05	68

DEER CREEK WATERSHED WEIR NUMBER DC-267 Gas well on Licking Creek south of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-29-74	1	6.0	2	212	13	175	2.5	0.02	0.20	2.1
05-21-74	2	6.6	10	140	13	225	3.4	0.20	0.30	5.4
06-14-74	12	6.0	10	216	14	225	31	1.4	2.0	32
07-19-74	2	5.9	20	230	14	300	5.5	0.50	0.30	7.2
*08-13-74	1	4.4	16	0	1.2	200	0	0.20	0.01	2.4
MIN.	1	5.9	2	140	13	175	2.5	0.02	0.01	2.1
MAX.	12	6.6	20	230	14	300	31	1.4	2.0	32
AVG.	4.3						11	0.53	0.70	12

DEER CREEK WATERSHED WEIR NUMBER DC-268 Spring on Licking Creek south of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-24-74	2	6.1	30	112	15	100	2.7	0.70	0.40	2.4
05-17-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
06-17-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
07-15-74	2	5.8	36	102	16	60	2.4	0.90	0.40	1.4
08-16-74	2	5.9	30	108	23	250	2.6	0.70	0.50	6.0
MIN.	2	5.8	30	102	15	60	2.4	0.70	0.40	1.4
MAX.	2	6.1	36	112	23	250	2.7	0.90	0.50	6.0
AVG.	2.0						2.6	0.77	0.43	3.3

DEER CREEK WATERSHED WEIR NUMBER DC-269 Gas well on Mahles Run northwest of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-29-74	12	5.9	2	66	26	75	9.5	0.30	3.7	11
05-17-74	9	5.7	12	62	30	225	6.7	1.3	3.2	24
06-19-74	12	5.8	4	72	20	225	10	0.60	2.9	32
07-15-74	6	5.6	44	64	23	110	4.6	3.2	1.6	7.9
08-15-74	12	5.5	44	64	24	225	9.2	6.3	3.4	32
MIN.	6	5.5	2	62	20	75	4.6	0.30	1.6	7.9
MAX.	12	5.9	44	72	30	225	10	6.3	3.7	32
AVG.	10						8.0	2.3	3.0	21

DEER CREEK WATERSHED WEIR NUMBER DC-270 Gas well on Mahles Run southeast of Fryburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-24-74	2	5.8	54	54	34	100	1.3	1.3	0.80	2.4
05-17-74	2	5.8	36	50	36	225	1.2	0.90	0.90	5.4
06-14-74	1	5.9	6	90	4.3	150	1.1	0.10	0.10	1.8
*07-15-74	1	5.6	38	36	18	35	0.40	0.50	0.20	0.40
08-15-74		NO SAMPLE AVAILABLE-DRY		0	0	0	0	0	0	0
MIN.	1	5.8	6	50	4.3	100	1.1	0.10	0.10	1.8
MAX.	2	5.9	54	90	36	254	1.3	1.3	0.90	5.4
AVG.	1.7						1.2	0.77	0.60	3.2

DEER CREEK WATERSHED WEIR NUMBER DC-271 Gas well on Mahles Run southeast of Fryburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-24-74	2	5.8	40	62	106	200	1.5	1.0	2.5	4.8
05-17-74	1	5.8	30	68	72	200	0.80	0.40	0.90	2.4
06-14-74	2	5.8	18	74	58	225	1.8	0.40	1.4	5.4
07-15-74	1	6.3	44	108	122	220	1.3	0.50	1.5	2.6
08-15-74	NO SAMPLE AVAILABLE - DRY			0	0	0	0	0	0	0
MIN.	1	5.8	18	62	58	200	0.80	0.40	0.90	2.4
MAX.	2	6.3	44	108	122	225	1.80	1.0	2.5	5.4
AVG.	1.5						1.4	0.58	1.6	3.8

DEER CREEK WATERSHED WEIR NUMBER DC-272 Gas Well on Mahles Run southeast of Fryburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-24-74	1	5.7	42	60	42	150	0.70	0.50	0.50	1.8
06-17-74	1	5.8	20	62	135	200	0.80	0.20	1.6	2.4
06-14-74	2	5.6	6	50	26	150	1.2	0.10	0.60	3.6
07-15-74	2	5.4	82	56	57	195	1.3	2.0	1.4	4.7
08-14-74	2	5.4	12	40	93	225	1.0	0.30	2.2	5.4
MIN.	1	5.4	6	40	26	150	0.70	0.10	0.50	1.8
MAX.	2	5.8	82	62	135	225	1.3	2.0	2.2	5.4
AVG.	1.6						1.0	0.62	1.3	3.6

DEER CREEK WATERSHED WEIR NUMBER DC-273 Spring on Paint Creek north of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-24-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
05-22-74	17	4.1	8	0	0.10	78	0	1.6	0.02	16
06-14-74	6	3.9	8	0	0.40	91	0	0.60	0.03	6.6
07-19-74	6	3.4	22	0	1.2	95	0	1.6	0.10	6.8
08-12-74	2	3.6	10	0	0.80	150	0	0.20	0.02	3.6
MIN.	2	3.4	8	0	0.10	78	0	0.20	0.02	3.6
MAX.	17	4.1	22	0	1.2	150	0	1.6	0.10	16
AVG.	7.8						0	1.0	0.04	8.3

DEER CREEK WATERSHED WEIR NUMBER DC-274 Spring on Paint Creek north of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-30-74	9	4.0	6	0	0.50	55	0	0.60	0.10	4.9
05-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
06-17-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
07-15-74	NO SAMPLE AVAILABLE-DRY			0	0	0	0	0	0	0
08-12-74	1	3.3	24	0	3.4	225	0	0.30	0.04	2.7
MIN.	1	3.3	6	0	0.50	55	0	0.30	0.04	2.7
MAX.	9	4.0	24	0	3.4	225	0	0.60	0.10	5.9
AVG.	5.0						0	0.45	0.07	4.3

DEER CREEK WATERSHED WEIR NUMBER DC-275 Spring on Little Paint Creek north of Marianne.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
04-30-74	22	6.1	4	210	9.2	15	55	1.1	2.4	4.0
*05-17-74	12	4.2	8	0	0.20	125	0	1.2	0.03	18
06-19-74	12	6.9	0	212	6.9	125	31	0	1.0	18
07-17-74	12	5.8	32	192	19	125	28	4.6	2.8	18
08-15-74	12	6.4	24	194	13	150	28	3.5	1.9	22
MIN.	12	5.8	0	192	6.9	15	28	0	1.0	4.0
MAX.	22	6.9	32	212	19	150	55	1.1	2.8	22
AVG.	15						36	2.3	2.0	16

DEER CREEK WATERSHED WEIR NUMBER DC-276 Gas well on Deer Creek west of Shippenville.

04-19-74	12	5.8	6	30	7.4	150	4.3	0.90	1.1	22
05-15-74	12	5.2	2	28	0.60	51	4.0	0.30	0.10	7.3
06-19-74	9	6.4	4	44	3.3	70	4.8	0.40	0.40	7.6
07-19-74	6	5.5	16	40	8.5	90	2.9	1.2	0.60	6.5
08-16-74	2	6.0	10	46	15	225	1.1	0.20	0.40	5.4
MIN.	2	5.2	2	28	0.60	51	1.1	0.20	0.10	5.4
MAX.	12	6.4	16	46	15	225	4.8	1.2	1.1	22
AVG.	8.2						3.4	0.60	1.2	9.8

DEER CREEK WATERSHED WEIR NUMBER DC-277 Gas well on Licking Creek west of Snydersburg.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
*04-30-74	12	6.9	6	4	0.60	140	0.60	0.90	0.10	20
05-22-74	6	6.5	10	314	0.60	150	23	0.70	0.04	11
06-19-74	6	6.9	0	286	0.40	180	21	0	0.03	13
07-19-74	6	6.3	16	390	0.50	175	28	1.2	0.04	13
08-13-74	6	7.1	10	310	0.90	275	22	0.70	0.10	20
MIN.	6	6.3	0	286	0.40	150	21	0	0.03	11
MAX.	6	7.1	10	390	0.90	275	28	1.2	0.10	20
AVG.	6.0						24	0.65	0.06	14

DEER CREEK WATERSHED WEIR NUMBER DC-278 Gas well on Licking Creek northwest of Snydersburg.

04-30-74	6	6.4	4	226	8.7	50	16	0.30	0.60	3.6
05-22-74	6	6.6	14	220	9.4	150	16	1.0	0.70	11
06-19-74	6	6.8	2	224	6.7	105	18	0.10	0.50	7.6
07-19-74	6	6.2	18	208	7.9	125	15	1.3	0.60	9.0
08-15-74	6	6.3	16	184	13	175	13	1.2	0.90	13
MIN.	6	6.2	2	184	6.7	50	13	0.01	0.50	3.6
MAX.	6	6.8	18	226	13	175	18	1.3	0.90	13
AVG.	6.0						16	0.78	0.66	8.8

DEER CREEK WATERSHED WEIR NUMBER DC-279 Gas well on Paint Creek south of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
07-24-74	NO SAMPLE	AVAILABLE-BROKEN IN TRANSIT			0	0	0	0	0	0
08-15-74	70	3.6	552	0	437	1025	0	464	367	861
12-17-74	123	3.6	430	0	220	1300	0	638	325	1919
01-21-75	156	4.4	554	0	220	1375	0	1037	412	2574
MIN.	70	3.6	430	0	220	1025	0	464	325	861
MAX.	156	4.4	554	0	437	1375	0	1037	412	2574
AVG.	116						0	713	368	1785

DEER CREEK WATERSHED WEIR NUMBER DC-280 Spring on Paint Creek south of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
07-24-74	12	2.9	400	0	29	400	0	58	4.1	58
08-15-74	12	2.8	500	0	38	475	0	72	5.4	68
12-17-74	22	3.6	170	0	12	280	0	45	3.2	74
01-21-75	50	3.6	144	0	3.2	450	0	86	1.9	270
MIN.	12	2.8	144	0	3.2	280	0	45	1.9	58
MAX.	50	3.6	500	0	38	475	0	86	5.4	270
AVG.	24						0	65	3.7	118

DEER CREEK WATERSHED WEIR NUMBER DC-281 Spring on Paint Creek south of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
07-24-74	6	2.9	500	0	372	1050	0	36	27	76
08-15-74	6	3.1	620	0	455	1075	0	45	33	77
12-17-74	12	4.7	460	0	220	1000	0	66	32	144
01-21-75	12	3.0	1300	0	290	1300	0	187	42	187
MIN.	6	2.9	460	0	220	1000	0	36	27	76
MAX.	12	4.7	1300	0	455	1300	0	187	42	187
AVG.	9.0						0	84	34	121

DEER CREEK WATERSHED WEIR NUMBER DC-282 Dug well below strip on unnamed tributary to Deer Creek just North of I-80

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
09-16-74	12	3.1	252	0	49	925	0	36	7.0	133
10-03-74	17	2.9	300	0	59	1025	0	61	12	209
11-20-74	17	2.9	200	0	64	950	0	41	13	194
12-17-74	17	3.6	190	0	60	630	0	39	12	129
01-21-75	12	3.1	240	0	38	825	0	35	5.5	119
MIN.	12	2.9	190	0	38	630	0	35	5.5	119
MAX.	17	3.6	300	0	64	1025	0	61	13	209
AVG.	15						0	42	9.9	157

DEER CREEK WATERSHED WEIR NUMBER DC-283 Gas well on Judith Run east of Billings.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
02-27-75	6	2.7	700	0	60	525	0	50	4.3	38
03-27-75	4	3.6	134	0	30	550	0	6.4	1.4	32
MIN.	4	2.7	134	0	30	525	0	6.4	1.4	32
MAX.	6	3.6	700	0	60	550	0	50	4.3	38
AVG.	5.0						0	28	2.9	35

DEER CREEK WATERSHED WEIR NUMBER DC-284 Spring on Licking Creek north of Huefner.

01-30-75	70	3.8	16	0	0.10	200	0	13	0.08	168
03-27-75	34	3.9	16	0	0.10	200	0	6.5	0.04	82
MIN.	34	3.8	16	0	0.10	200	0	6.5	0.04	82
MAX.	70	3.9	16	0	0.10	200	0	13	0.08	168
AVG.	52						0	9.8	0.06	125

DEER CREEK WATERSHED WEIR NUMBER DC-285 Gas well on Licking Creek north of Huefner.

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	T.Fe	SO ₄	ALK	ACD	T.Fe	SO ₄
01-30-75	123	3.3	54	0	13	325	0	80	19	480
02-20-75	123	3.3	108	0	5.1	350	0	159	7.5	517
03-27-75	82	3.0	400	0	13	275	0	394	13	271
MIN.	82	3.0	54	0	5.1	275	0	80	7.5	271
MAX.	123	3.3	400	0	13	350	0	394	19	517
AVG.	109						0	211	13	423

DEER CREEK WATERSHED WEIR NUMBER DC-286 Deep mine on unnamed tributary to Licking Creek northeast of Huefner.

04-07-75	12	2.7	1000	0	41	750	0	144	5.8	108
05-28-75	2	2.5	374	0	42	625	0	9.0	1.0	15
MIN.	2	2.5	374	0	41	625	0	9.0	1.0	15
MAX.	12	2.7	1000	0	42	750	0	144	5.8	108
AVG.	7.0							77	3.4	62