

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 210

STRIP MINE NEAR HARRISVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	6	6.2	62	0	0.6	130	4.5	.0	.0	9.4
02-18-69	2	6.9	76	0	0.2	192	1.9	.0	.0	4.6
03-24-69	4	7.2	44	0	0.0	326	2.1	.0	.0	15.6
04-21-69	12	7.3	54	0	0.5	115	7.8	.0	.1	16.6
05-19-69	28	7.1	50	0	0.2	106	16.8	.0	.1	35.6
06-16-69	6	7.5	68	0	0.0	336	4.9	.0	.0	24.2
07-16-69	1	7.4	72	0	0.6	192	.9	.0	.0	2.3
08-13-69	4	7.4	66	0	0.6	269	3.2	.0	.0	12.9
09-17-69	2	7.6	72	0	0.5	240	1.7	.0	.0	5.8
10-14-69	2	7.4	64	0	0.2	259	1.5	.0	.0	6.2
11-11-69	2	7.6	80	0	0.0	288	1.9	.0	.0	6.9
12-15-69	12	7.6	76	0	0.0	106	10.9	.0	.0	15.3

MINE DRAINAGE REPORT

SILPPERY ROCK CREEK BASIN

WEIR NUMBER MR 211

STRIP MINE NEAR HARRISVILLE

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	2	6.7	56	0	0.2	168	1.3	0	0	0	4.0
02-18-69	1	7.1	60	0	1.3	221	.7	0	0	0	2.7
03-24-69	12	7.5	54	0	0.9	317	7.8	0	0	.1	45.6
04-21-69	50	7.3	56	0	1.6	115	33.6	0	0	1.0	69.0
05-19-69	34	7.4	64	0	0.3	125	26.1	0	0	.1	51.0
06-16-69	2	7.8	84	0	0.7	326	2.0	0	0	0	7.8
07-16-69	1	7.9	86	0	0.3	202	1.0	0	0	0	2.4
08-13-69	1	8.1	86	0	0.1	269	1.0	0	0	0	3.2
09-17-69	1	7.9	72	0	0.0	269	.9	0	0	0	3.2
10-14-69	1	7.7	84	0	.0	240	1.0	0	0	0	2.9
11-11-69	NO SAMPLE AVAILABLE - DRY										
12-15-69	2	7.4	72	0	0.2	125	1.7	0	0	0	3.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 212

STRIP MINE NEAR HARRISVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4
01-20-69	6	6.6	84	0	9.4	797	6.0	.0	.7	57.4
02-18-69	9	6.8	62	0	14.1	566	6.7	.0	1.5	61.1
03-24-69	12	7.0	78	0	5.1	720	11.2	.0	.7	103.7
04-21-69	28	6.7	86	0	7.7	557	28.9	.0	2.6	187.2
05-19-69	22	6.6	82	0	4.7	586	21.6	.0	1.2	154.7
06-16-69	12	6.8	84	0	3.2	691	12.1	.0	.5	99.5
07-16-69	12	6.7	88	0	2.8	586	12.7	.0	.4	84.4
08-13-69	9	6.7	78	0	2.2	605	8.4	.0	.2	65.3
09-17-69	9	6.5	72	0	7.1	576	7.8	.0	.8	62.2
10-14-69	9	6.6	54	0	6.8	499	5.6	.0	.7	53.9
11-11-69	6	6.5	65	0	10.8	518	4.7	.0	.8	37.3
12-15-69	12	6.8	68	0	9.5	576	9.8	.0	1.4	82.9

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 213

STRIP MINE NEAR HARRISVILLE

01-20-69	12	7.0	12	0	0.5	82	1.7	.0	.1	11.8
02-18-69	2	7.2	32	0	0.7	10	.8	.0	.0	.2
03-24-69	2	7.6	34	0	0.8	29	.8	.0	.0	.7
04-21-69	9	7.0	14	0	1.7	48	1.5	.0	.2	5.2
05-19-69	12	6.8	26	0	1.0	38	3.7	.0	.1	5.5
06-16-69	NO SAMPLE AVAILABLE - DRY									

07-16-69 NO SAMPLE AVAILABLE - DRY
 08-13-69 NO SAMPLE AVAILABLE - DRY
 09-17-69 NO SAMPLE AVAILABLE - DRY

10-14-69 NO SAMPLE AVAILABLE - DRY
 11-11-69 NO SAMPLE AVAILABLE - DRY
 12-15-69 NO SAMPLE AVAILABLE - DRY

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 214

STRIP MINE NEAR FORESTVILLE

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-20-69	34	3.7	0	152	18.6	922	.0	62.0	7.6	376.2		
02-18-69	12	3.4	0	170	13.8	58	.0	24.5	2.0	8.4		
03-24-69	6	3.5	0	114	15.8	691	.0	8.2	1.1	49.8		
04-21-69	22	3.7	0	138	19.8	797	.0	36.4	5.2	210.4		
05-19-69	12	3.2	0	148	22.7	739	.0	21.3	3.3	106.4		
06-16-69	6	3.1	0	150	20.9	892	.0	10.8	1.5	64.2		
07-16-69	12	7.2	80	0	3.5	163	11.5	.0	.5	23.5		
08-13-69	1	2.9	0	186	16.9	826	.0	2.2	.2	9.9		
09-17-69	2	3.1	0	165	13.0	739	.0	4.0	.3	17.7		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 215

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 215

STRIP MINE NEAR FORESTVILLE

DATE	GPM	PH	ALK	PPM				PPD			
				ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	12	6.4	88	0	0.8	254	12.7	0	.1	36.6	
02-18-69	22	6.4	84	0	0.2	211	22.2	0	.1	55.7	
03-24-69	12	6.9	65	0	0.7	432	9.4	0	.1	62.2	
04-21-69	9	7.3	86	0	0.5	250	9.3	0	.1	27.0	
05-19-69	17	6.5	84	0	0.2	259	17.1	0	0.0	52.8	
06-16-69	2	7.5	92	0	0.3	278	2.2	0	0.0	6.7	
07-16-69	1	7.7	98	0	1.3	211	1.2	0	0.0	2.5	
08-13-69	4	7.6	100	0	0.0	154	4.8	0	0.0	7.4	
09-17-69	0	7.7	86	0	0.5	154	6.2	0	0.0	11.1	
10-14-69	2	7.7	106	0	0	144	2.5	0	0.0	3.5	
11-11-69	2	7.5	100	0	1.1	163	2.4	0	0.0	3.9	
12-15-69	22	7.6	108	0	0.4	163	28.5	0	.1	43.0	

MINE DRAINAGE REPORT
SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 216

STRIP MINE NEAR FORESTVILLE

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-20-69	12	6.5	38	0	2.9	341	5.5	.0	.4	49.1		
02-18-69	22	6.5	34	0	2.3	384	9.0	.0	.6	101.4		
03-24-69	9	6.8	28	0	4.2	307	3.0	.0	.5	33.2		
04-21-69	9	6.7	34	0	2.1	384	3.7	.0	.2	41.5		
05-19-69	12	6.6	32	0	3.2	384	4.6	.0	.5	55.3		
06-16-69	6	6.8	50	0	2.0	394	3.6	.0	.1	28.4		
			42	0	1.8	288	1.5	.0	.0	6.9		
										3.6		

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MINE DRAINAGE REPORT
SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 217

STRIP MINE NEAR FORESTVILLE

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER MR 217

STRIP MINE NEAR FORESTVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	284	6.6	96	0	3.8	110	327.2	.0	13.0	374.9
02-18-69	156	6.8	108	0	3.6	115	202.2	.0	6.7	215.3
03-24-69	123	7.1	92	0	5.8	163	135.8	.0	8.6	240.6
04-21-69	367	6.9	86	0	2.2	115	378.7	.0	9.7	506.5
05-19-69	367	6.9	96	0	2.0	115	422.8	.0	8.8	506.5
06-16-69	139	6.9	88	0	2.5	163	146.8	.0	4.2	271.9
07-16-69	123	6.7	100	0	4.1	355	147.6	.0	6.1	524.0
08-13-69	50	6.6	132	0	3.0	144	79.2	.0	1.8	86.4
09-17-69	34	6.7	122	0	2.8	125	49.8	.0	1.1	51.0
10-14-69	34	6.7	120	0	6.6	144	49.0	.0	2.7	58.8
11-11-69	34	6.8	118	0	5.7	144	48.1	.0	2.3	58.8
12-15-69	193	6.8	102	0	3.2	134	236.2	.0	7.4	310.3

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 218

DEEP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	397	5.9	8	2	1.6	34	38.1	9.5	7.6	162.0
02-18-69	123	3.5	0	62	4.4	96	.0	91.5	6.5	141.7
03-24-69	94	3.7	0	62	13.6	115	.0	69.9	15.3	129.7
04-21-69	367	6.4	8	3	1.2	29	35.2	13.2	5.3	127.7
05-19-69	193	4.2	0	12	3.0	77	.0	27.8	6.9	178.3
06-16-69	70	3.4	0	60	6.7	134	.0	50.4	5.6	112.6
07-16-69	50	3.9	0	24	1.5	67	.0	14.4	.9	40.2
08-13-69	22	3.4	0	42	2.0	125	.0	11.1	.5	33.0
09-17-69	6	3.4	0	50	3.4	163	.0	3.6	.2	11.7
10-14-69	12	3.6	0	42	1.9	67	.0	6.0	.3	9.6
11-11-69	34	6.0	10	6	1.6	86	4.1	2.4	.7	35.1
12-15-69	193	6.2	6	4	1.7	58	13.9	9.3	3.9	134.3

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 219

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-20-69	70	5.8	6	2	0.3	19	5.0	1.7	.3	16.0		
02-18-69	12	6.9	8	2	0.5	19	1.2	.3	.1	2.7		
03-24-69	6	6.2	10	0	1.7	38	.7	.0	.1	2.7		
04-21-69	70	6.6	6	2	0.1	19	5.0	1.7	.1	16.0		
05-19-69	34	6.2	6	0	0.2	19	2.4	.0	.1	7.8		
06-16-69	6	6.5	18	0	0.8	29	1.3	.0	.1	2.1		
07-16-69	1	6.5	16	0	0.4	19	.2	.0	.0	.2		
08-13-69	1	6.7	44	0	4.1	38	.5	.0	.0	.5		
09-17-69		7.0	86	0	6.4	38	.0	.0	.0	.0		
10-14-69	1	6.5	32	0	1.5	38	.4	.0	.0	.5		
11-11-69	1	6.3	10	0	0.2	38	.1	.0	.0	.5		
12-15-69	70	6.3	8	3	0.1	29	6.7	2.5	.1	24.4		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BC 220

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	6	6.6	194	0	0.0	403	14.0	.0	.0	29.0	
02-18-69	NO SAMPLE AVAILABLE - DRY										
03-24-69	NO SAMPLE AVAILABLE - DRY										
04-21-69	6	6.8	230	0	0.0	240	16.6	.0	.0	17.3	
05-19-69	17	6.8	162	0	0.0	211	33.0	.0	.0	43.0	
06-16-69	NO SAMPLE AVAILABLE - DRY										
07-16-69	NO SAMPLE AVAILABLE - DRY										
08-13-69	NO SAMPLE AVAILABLE - DRY										
09-17-69	NO SAMPLE AVAILABLE - DRY										
10-14-69	NO SAMPLE AVAILABLE - DRY										
11-11-69	NO SAMPLE AVAILABLE - DRY										
12-15-69	2	6.7	234	0	0.0	442	5.6	.0	.0	10.6	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 221

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	1	6.7	54	0	0.7	240	.6	.0	.0	2.9
02-18-69	1	6.4	70	0	3.8	298	.8	.0	.0	3.6
03-24-69	2	6.8	62	0	8.6	240	1.5	.0	.2	5.8
04-21-69	2	6.6	52	0	0.3	230	1.2	.0	.0	5.5
05-19-69	2	6.5	52	0	6.3	288	1.2	.0	.2	6.9
06-16-69	1	6.7	78	0	2.9	326	.9	.0	.0	3.9
07-16-69	NO SAMPLE AVAILABLE - DRY									
08-13-69	1	6.6	80	0	3.4	326	1.0	.0	.0	3.9
09-17-69	1	6.6	88	0	4.2	307	1.1	.0	.1	3.7
10-14-69	NO SAMPLE AVAILABLE - DRY									
11-11-69	NO SAMPLE AVAILABLE - DRY									
12-15-69	NO SAMPLE AVAILABLE - DRY									

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 222

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	50	6.9	192	0	0.0	317	115.2	.0	.0	190.2
02-18-69	12	7.0	168	0	0.1	221	24.2	.0	.0	31.8
03-24-69	1	7.3	135	0	0.6	269	1.6	.0	.0	3.2
04-21-69	42	7.0	168	0	0.0	278	84.7	.0	.0	140.1
05-19-69	50	7.0	140	0	0.2	230	84.0	.0	.1	138.0
06-16-69	2	7.2	175	0	0.2	240	4.2	.0	.0	5.8
07-16-69	6	7.2	204	0	0.1	269	14.7	.0	.0	19.4
08-13-69	1	7.3	204	0	0.6	250	2.4	.0	.0	3.0
09-17-69	2	7.2	202	0	0.9	298	4.8	.0	.0	7.2
10-14-69	2	7.3	186	0	0.8	269	4.5	.0	.0	6.5
11-11-69	4	7.3	222	0	1.7	307	10.7	.0	.1	14.7
12-15-69	22	7.0	200	0	1.5	394	52.8	.0	.4	104.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 223

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	12	5.1	6	22	0.6	168	.9	3.2	.1	24.2
02-18-69	2	7.1	20	0	0.5	125	.5	.0	.0	3.0
03-25-69	6	6.5	6	18	2.1	182	.4	1.3	.2	13.1
04-21-69	12	6.7	6	12	0.8	163	.9	1.7	.1	23.5
05-19-69	22	5.3	6	16	1.2	221	1.6	4.2	.3	58.3
06-16-69	2	7.3	18	0	0.2	144	.4	.0	.0	3.5
07-16-69	1	7.0	34	0	1.5	259	.4	.0	.0	3.1
08-13-69	1	7.3	40	0	3.6	173	.5	.0	.0	2.1
09-17-69	2	7.0	28	0	0.5	96	.7	.0	.0	2.3
10-14-69	2	7.2	36	0	.0	106	.9	.0	.0	2.5
11-11-69	2	7.2	34	0	0.2	144	.8	.0	.0	3.5
12-15-69	2	7.1	32	0	0.7	134	.8	.0	.0	3.2

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BC 224

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPM				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	2	6.6	16	0	0.2	144	.4	.0	.0	.0	3.5
02-18-69	12	7.1	18	0	0.9	125	2.6	.0	.1	.0	18.0
03-25-69	2	6.8	14	0	0.2	134	.3	.0	.0	.0	3.2
04-21-69	9	6.6	18	0	0.0	134	1.9	.0	.0	.0	14.5
05-19-69	12	5.1	6	18	1.1	173	.9	2.6	.2	.0	24.9
06-16-69	2	6.9	20	0	1.8	202	.5	.0	.0	.0	4.8
07-16-69	1	6.8	24	0	0.3	154	.3	.0	.0	.0	1.8
08-13-69	1	7.1	22	0	0.7	115	.3	.0	.0	.0	1.4
09-17-69	2	7.0	26	0	0.1	106	.6	.0	.0	.0	2.5
10-14-69	1	6.7	22	0	0.2	134	.3	.0	.0	.0	1.6
11-11-69	2	7.1	26	0	0.2	163	.6	.0	.0	.0	3.9
12-15-69	4	6.6	32	0	0.3	192	1.5	.0	.0	.0	9.2

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFR NUMBER BC 225

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	ALK	PPM				PPD			
				ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	70	6.4	10	0	0.0	173	8.4	.0	.0	.0	145.3
02-18-69	12	6.8	14	0	0.1	134	2.0	.0	.0	.0	19.3
03-25-69	4	6.7	10	0	0.0	182	.5	.0	.0	.0	8.7
04-21-69	34	6.1	12	0	0.0	125	4.9	.0	.0	.0	51.0
05-19-69	42	4.9	2	20	1.2	173	1.0	10.1	.6	.6	87.2
06-16-69	2	6.5	12	0	0.3	192	.3	.0	.0	.0	4.6
07-16-69	6	6.2	16	6	0.0	192	1.2	.4	.0	.0	13.8
08-13-69	1	6.6	12	0	0.5	211	.1	.0	.0	.0	2.5
09-17-69	6	6.6	18	0	0.2	182	1.3	.0	.0	.0	13.1
10-14-69	2	6.7	16	0	0.1	182	.4	.0	.0	.0	4.4
11-11-69	2	6.9	22	0	0.3	240	.5	.0	.0	.0	5.8
12-15-69	2	6.2	20	0	0.2	259	.5	.0	.0	.0	6.2

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 227

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-20-69	1	6.5	14	0	1.1	134	.2	.0	.0	1.6	
02-18-69	NO SAMPLE AVAILABLE - DRY										
03-24-69	1	6.9	14	0	1.3	346	.2	.0	.0	4.2	
04-21-69	1	6.2	14	0	1.1	403	.2	.0	.0	4.8	
05-19-69	2	4.2	0	60	0.4	202	.0	1.4	.0	4.8	
06-16-69	NO SAMPLE AVAILABLE - DRY										
07-16-69	2	6.4	20	0	2.7	480	.5	.0	.1	11.5	
08-13-69	1	6.4	18	0	2.1	403	.2	.0	.0	4.8	
09-17-69	2	6.5	12	0	3.4	384	.3	.0	.1	9.2	
10-14-69	1	6.5	14	0	0.5	432	.2	.0	.0	5.2	
11-11-69	1	6.1	18	0	1.5	403	.2	.0	.0	4.8	
12-15-69	1	6.3	12	0	1.3	461	.1	.0	.0	5.5	

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER RC 229

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	ALK	PPM			S04	ALK	PPD		
				ACD	T.FE	S04			ACD	T.FE	S04
01-20-69	193	6.2	54	0	0.0	346	125.1	.0	.0	801.3	
02-18-69	22	6.5	60	0	0.0	326	15.8	.0	.0	86.1	
03-24-69	22	6.7	68	0	0.0	288	18.0	.0	.0	76.0	
04-21-69	22	6.4	58	0	0.1	355	15.3	.0	.0	93.7	
05-19-69	34	4.1	0	45	0.3	192	.0	18.4	.1	78.3	
06-16-69	22	6.5	72	0	0.0	307	19.0	.0	.0	81.0	
07-16-69	6	6.4	76	0	0.0	326	5.5	.0	.0	23.5	
08-13-69	4	6.5	78	0	0.1	317	3.7	.0	.0	15.2	
09-17-69	4	6.7	92	0	0.1	134	4.4	.0	.0	6.4	
10-14-69	2	6.6	92	0	0.1	182	2.2	.0	.0	4.4	
11-11-69	2	6.7	100	0	0.0	298	2.4	.0	.0	7.2	
12-15-69	34	6.5	68	0	0.1	413	27.7	.0	.0	168.5	

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 230

STRIP MINE NEAR MURRINSVILLE

01-20-69	193	4.5	2	40	0.4	192	.0	4.6	.0	92.6	.0	.0	444.7
02-18-69	94	4.5	0	72	0.9	230	.0	.0	1.0	81.2	1.0	1.0	259.4
03-24-69	236	5.3	4	28	0.6	221	11.3	11.3	1.7	79.3	1.7	1.7	625.9
04-21-69	397	4.6	3	40	0.3	173	14.3	14.3	1.4	190.6	1.4	1.4	824.2
05-19-69	533	4.2	0	57	0.5	250	.0	.0	3.2	364.6	3.2	3.2	1599.0
06-16-69	70	4.6	4	26	0.5	211	3.4	3.4	.4	21.8	.4	.4	177.2
07-16-69	70	4.3	12	54	0.8	288	10.1	10.1	.7	45.4	.7	.7	241.9
08-13-69	50	6.7	16	0	0.8	240	9.6	9.6	.5	.0	.5	.5	144.0
09-17-69	139	4.8	12	26	2.0	269	20.0	20.0	3.3	43.4	3.3	3.3	448.7
10-14-69	50	6.1	10	4	0.4	288	6.0	6.0	.2	2.4	.2	.2	172.8
11-11-69	70	5.1	8	18	0.5	288	6.7	6.7	.4	15.1	.4	.4	241.9
12-15-69	694	4.6	4	42	0.6	250	33.3	33.3	5.0	349.8	5.0	5.0	2082.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BC 231

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4
01-20-69	2	6.2	34	0	0.3	792	.8	.0	.0	19.0
02-18-69	12	6.3	38	0	0.7	787	5.5	.0	.1	113.3
03-24-69	12	6.9	32	0	0.4	691	4.6	.0	.1	99.5
04-21-69	9	6.5	24	0	0.2	758	2.6	.0	.0	81.9
05-19-69	22	6.5	22	0	0.2	691	5.8	.0	.1	182.4
06-16-69	34	6.9	66	0	0.0	230	26.9	.0	.0	93.8
07-16-69	4	7.0	74	0	0.3	346	3.6	.0	.0	16.6
08-13-69	6	7.1	68	0	0.4	269	4.9	.0	.0	19.4
09-17-69	17	7.0	72	0	1.0	163	14.7	.0	.2	33.3
10-14-69	6	7.2	71	0	0.2	182	5.1	.0	.0	13.1
11-11-69	12	7.1	74	0	0.1	221	10.7	.0	.0	31.8
12-15-69	22	6.9	62	0	0.5	240	16.4	.0	.1	63.4

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 232

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	70	6.6	56	0	0.4	274	47.0	.0	.3	230.2
02-18-69	70	6.7	50	0	0.6	250	42.0	.0	.5	210.0
03-24-69	34	7.0	60	0	0.8	307	24.5	.0	.3	125.3
04-21-69	70	6.9	46	0	0.2	221	38.6	.0	.2	185.6
05-19-69	193	6.8	46	0	0.3	278	106.5	.0	.7	643.8
06-16-69	6	6.9	28	0	0.0	499	2.0	.0	.0	35.9
07-16-69	70	6.9	36	0	0.2	835	30.2	.0	.2	701.4
08-13-69	22	7.0	30	0	0.3	221	7.9	.0	.1	58.3
09-17-69	9	7.0	36	0	0.7	653	3.9	.0	.1	70.5
10-14-69	12	7.0	42	0	0.2	768	6.0	.0	.0	110.6
11-11-69	9	7.0	42	0	0.2	710	4.5	.0	.0	76.7
12-15-69	6	7.0	40	0	0.8	874	2.9	.0	.1	62.9

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 233

DFEP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	22	3.2	0	418	2.6	682	.0	110.4	.7	180.0
02-18-69	6	3.2	0	534	3.9	749	.0	38.4	.3	53.9
03-25-69	12	3.3	0	480	3.5	874	.0	69.1	.5	125.9
04-21-69	42	3.2	0	216	2.3	461	.0	108.9	1.2	232.3
05-19-69	34	3.2	0	290	2.6	461	.0	118.3	1.1	188.1
06-16-69	2	3.1	0	380	5.0	778	.0	9.1	.1	18.7
07-16-69	6	3.0	0	392	7.4	864	.0	28.2	.5	62.2
08-13-69	4	3.0	0	544	14.7	1171	.0	26.1	.7	56.2
09-17-69	1	3.0	0	580	18.7	1286	.0	7.0	.2	15.4
10-14-69	1	3.1	0	460	11.4	1152	.0	5.5	.1	13.8
11-11-69	1	3.2	0	528	4.7	1248	.0	6.3	.1	15.0
12-15-69	2	3.2	0	314	3.9	749	.0	7.5	.1	18.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFTR NUMBER BC 234

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	ALK	PPM				S04	ALK	PPD			
				ACD	T.FE	S04	T.FE			ACD	T.FE	S04	
01-20-69	22	5.9	6	4	0.2	514	1.6	1.1	.1	135.7			
02-18-69	12	5.6	10	0	0.6	382	1.4	.0	.1	55.0			
03-24-69	4	7.4	66	0	0.6	278	3.2	.0	.0	13.3			
04-21-69	12	6.0	12	0	0.4	346	1.7	.0	.1	49.8			
05-19-69	22	6.2	16	0	0.4	336	4.2	.0	.1	88.7			
06-16-69	22	6.4	14	0	0.9	374	3.7	.0	.2	98.7			
07-16-69	12	6.2	20	0	1.2	365	2.9	.0	.2	52.6			
08-13-69	2	6.3	16	0	1.8	403	.4	.0	.0	9.7			
09-17-69	1	6.2	18	0	5.6	403	.2	.0	.1	4.8			
10-14-69	9	6.1	16	0	1.2	365	1.7	.0	.1	39.4			
11-11-69	4	6.1	24	0	0.9	470	1.2	.0	.0	22.6			
12-15-69	12	6.1	12	2	0.3	432	1.7	.3	.0	62.2			

MINE DRAINAGE REPORT
SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 238

STRIP MINE NEAR BOYERS

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	12	7.2	132	0	0.4	158	19.0	.0	.1	22.8
02-18-69	1	7.3	124	0	0.3	134	1.5	.0	.0	1.6
03-24-69	1	7.8	84	0	3.3	96	1.0	.0	.0	1.2
04-21-69	4	7.8	52	0	0.2	48	2.5	.0	.0	2.3
05-19-69	6	7.0	38	0	0.8	1037	2.7	.0	.1	74.7
06-16-69	NO SAMPLE AVAILABLE - DRY									
07-16-69	NO SAMPLE AVAILABLE - DRY									
08-13-69	NO SAMPLE AVAILABLE - DRY									

MINE DRAINAGE REPORT
SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 235

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BC 237

STRIP MINE NEAR BOYERS

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	6	7.3	150	0	0.0	106	10.8	.0	7.6	
02-18-69	6	7.1	142	0	0.4	115	10.2	.0	8.3	
03-24-69	4	7.7	120	0	14.1	77	5.8	.0	3.7	
04-21-69	4	7.5	158	0	1.5	86	7.6	.0	4.1	
05-19-69	6	7.5	124	0	0.4	106	8.9	.0	7.6	
06-16-69	2	7.6	140	0	0.7	77	3.4	.0	1.8	
07-16-69	12	7.7	168	0	0.2	115	24.2	.0	16.6	
08-13-69	6	7.9	152	0	0.2	96	10.9	.0	6.9	
09-17-69	12	7.7	132	0	4.0	86	19.0	.0	12.4	
10-14-69	2	7.9	162	0	0.1	86	3.9	.0	2.1	
11-11-69	6	7.8	192	0	0.6	144	13.8	.0	10.4	
12-15-69	12	7.6	152	0	1.9	96	21.9	.0	13.8	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER 80 237

STRIP MINE NEAR BOYERS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-20-69	6	7.3	150	0	0.0	106	10.8	.0	.0	7.6		
02-18-69	6	7.1	142	0	0.4	115	10.2	.0	.0	8.3		
03-24-69	4	7.7	120	0	14.1	77	5.8	.0	.7	3.7		
04-21-69	4	7.5	158	0	1.5	86	7.6	.0	.1	4.1		
05-19-69	6	7.5	124	0	0.4	106	8.9	.0	.0	7.6		
06-16-69	2	7.6	140	0	0.7	77	3.4	.0	.0	1.8		
07-16-69	12	7.7	168	0	0.2	115	24.2	.0	.0	16.6		
08-13-69	6	7.9	152	0	0.2	96	10.9	.0	.0	6.9		
09-17-69	12	7.7	132	0	4.0	86	19.0	.0	.6	12.4		
10-14-69	2	7.9	162	0	0.1	86	3.9	.0	.0	2.1		
11-11-69	6	7.8	192	0	0.6	144	13.8	.0	.0	10.4		
12-15-69	12	7.6	152	0	1.9	96	21.9	.0	.3	13.8		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 239

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	2	4.5	0	228	32.8	912	.0	5.5	.8	21.9
02-18-69	1	5.2	4	100	15.0	576	.0	1.2	.2	6.9
03-24-69	4	6.3	16	25	9.5	595	.8	1.2	.5	28.6
04-21-69	1	4.2	0	176	17.3	720	.0	2.1	.2	8.6
05-19-69	2	3.7	0	140	0.9	518	.0	3.4	.0	12.4
06-16-69	1	3.4	0	156	21.6	605	.0	1.9	.3	7.3
07-16-69	1	5.1	14	40	17.6	384	.2	.5	.2	4.6
08-13-69	1	5.2	32	18	16.1	355	.4	.2	.2	4.3
09-17-69	NO SAMPLE AVAILABLE - DRY									
10-14-69	1	6.2	44	0	8.5	374	.5	.0	.1	4.5
11-11-69	NO SAMPLE AVAILABLE - DRY									
12-15-69	1	3.4	0	148	29.6	634	.0	1.8	.4	7.6

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BC 239

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-20-69	2	4.5	0	228	32.8	912	.0	5.5	.8	21.9
02-18-69	1	5.2	4	100	15.0	576	.0	1.2	.2	6.9
03-24-69	4	6.3	16	25	9.5	595	.8	1.2	.5	28.6
04-21-69	1	4.2	0	176	17.3	720	.0	2.1	.2	8.6
05-19-69	2	3.7	0	140	0.9	518	.0	3.4	.0	12.4
06-16-69	1	3.4	0	156	21.6	605	.0	1.9	.3	7.3
07-16-69	1	5.1	14	40	17.6	384	.2	.5	.2	4.6
08-13-69	1	5.2	32	18	16.1	355	.4	.2	.2	4.3
09-17-69	NO SAMPLE AVAILABLE - DRY									
10-14-69	1	6.2	44	0	8.5	374	.5	.0	.1	4.5
11-11-69	NO SAMPLE AVAILABLE - DRY									
12-15-69	1	3.4	0	148	29.6	634	.0	1.8	.4	7.6