

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFTR NUMBER ST 30

DEEP MINE NEAR BOYERS

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-06-69	2	6.9	14	0	0.6	72	.3	.0	.0	.0	1.7
02-05-69	2	7.1	12	0	0.2	48	.3	.0	.0	.0	1.2
03-10-69	1	6.9	34	0	0.9	240	.4	.0	.0	.0	2.9
04-07-69	17	6.9	10	0	0.2	48	2.0	.0	.0	.0	9.8
05-05-69	2	7.1	24	0	0.9	134	.6	.0	.0	.0	3.2
06-02-69	1	7.2	40	0	0.6	317	.5	.0	.0	.0	3.8
07-08-69	1	7.3	48	0	0.3	288	.6	.0	.0	.0	3.5
08-04-69	NO SAMPLE AVAILABLE - DRY										
09-08-69	NO SAMPLE AVAILABLE - DRY										
10-06-69	1	7.2	72	0	.0	461	.9	.0	.0	.0	5.5
11-03-69	NO SAMPLE AVAILABLE - DRY										
12-08-69	6	7.0	18	0	0.2	67	1.3	.0	.0	.0	4.8

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER ST 31

STRIP MINE NEAR BOYERS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-06-69	12	5.0	2	6	1.4	48	.3	.9	.2			
02-05-69	12	4.2	0	20	0.6	53	.0	2.9	.1			
03-10-69	6	5.0	2	10	0.1	58	.1	.7	.0			
04-07-69	70	6.6	4	0	0.0	38	3.4	.0	.0			31.9
05-05-69	6	4.8	4	6	0.2	48	.3	.4	.0			3.5
06-02-69	6	4.7	2	6	0.2	115	.1	.4	.0			8.3
07-08-69	1	3.8	0	26	0.8	144	.0	.3	.0			1.7
08-04-69	NO SAMPLE AVAILABLE - DRY											
09-08-69	1	3.1	0	38	1.5	211	.0	.5	.0			2.5
10-06-69	1	3.6	0	28	1.1	250	.0	.3	.0			3.0
11-03-69	1	3.6	0	26	1.0	182	.0	.3	.0			2.2
12-08-69	12	4.4	2	10	0.4	58	.3	1.4	.1			8.4

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 32

STRIP MINE NEAR DEEGAN COFF STATION

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-06-69	1	5.4	4	4	0.2	98	.0	.0	.0	.0	1.2
02-05-69	2	5.4	4	6	0.1	101	.1	.0	.0	.0	2.4
03-10-69	1	5.5	5	4	0.2	144	.1	.0	.0	.0	1.7
04-07-69	4	5.0	4	8	0.0	85	.2	.4	.0	.0	4.1
05-05-69	2	5.1	4	7	0.3	134	.1	.2	.0	.0	3.2
06-02-69	1	5.3	6	12	0.2	211	.1	.1	.0	.0	2.5
07-08-69	1	5.1	10	6	1.3	115	.1	.1	.0	.0	1.4
08-04-69	NO SAMPLE AVAILABLE - DRY										
09-08-69	NO SAMPLE AVAILABLE - DRY										
10-06-69	NO SAMPLE AVAILABLE - DRY										
11-03-69	NO SAMPLE AVAILABLE - DRY										
12-08-69	2	5.2	6	4	0.0	115	.1	.1	.0	.0	2.8

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 33

STRIP MINE NEAR DEEGAN GOFF STATION

DATE	GPM	PH	PPM										
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04			
01-06-69	NO SAMPLE AVAILABLE - FROZEN												
02-05-69	3.9	0	32	72	2.1		.0	.0	.0	.0			.0
03-10-69	NO SAMPLE AVAILABLE - DRY												
04-07-69	6	3.7	0	34	2.8	85	.0	2.4	.2				6.1
05-05-69	1	3.3	0	56	1.1	173	.0	.7	.0				2.1
06-02-69	1	3.2	0	124	3.4	365	.0	1.5	.0				4.4
07-08-69	1	3.1	0	140	3.5	240	.0	1.7	.0				2.9
08-04-69	NO SAMPLE AVAILABLE - DRY												
09-08-69	NO SAMPLE AVAILABLE - DRY												
10-06-69	3.2	0	214	432	21.6		.0	.0	.0				.0
11-03-69	NO SAMPLE AVAILABLE - DRY												
12-08-69	1	3.4	0	70	2.6	202	.0	.8	.0				2.4

MINE DRAINAGE REPORT

SILIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 34

DEEP MINE NEAR DEEGAN GOFF STATION

DATE	GPM	PH	PPM						S04	PPD				
			ALK	ACD	T.FE	ALK	ACD	T.FE		ALK	ACD	T.FE	S04	
01-06-69	1	3.2	0	60	9.8	0	192	.0	.7	.1	.0	.7	.1	2.3
02-05-69	2	3.5	0	40	12.9	0	91	.0	1.0	.3	0	1.0	.3	2.2
03-10-69	1	3.5	0	110	19.5	0	403	.0	1.3	.2	0	1.3	.2	4.8
04-07-69	6	3.6	0	28	2.1	0	106	.0	2.0	.2	0	2.0	.2	7.6
05-05-69	1	3.3	0	50	9.2	0	240	.0	.6	.1	0	.6	.1	2.9
06-02-69	1	3.1	0	104	27.8	0	528	.0	1.2	.3	0	1.2	.3	6.3
07-08-69	1	3.0	0	228	24.2	0	490	.0	2.7	.3	0	2.7	.3	5.9
08-04-69	NO SAMPLE AVAILABLE - DRY													
09-08-69	NO SAMPLE AVAILABLE - DRY													
10-06-69	1	3.1	0	170	21.0	0	547	.0	2.0	.3	0	2.0	.3	6.6
11-03-69	1	3.0	0	176	21.9	0	394	.0	2.1	.3	0	2.1	.3	4.7
12-08-69	2	3.2	0	98	20.1	0	288	.0	2.4	.5	0	2.4	.5	6.9

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 35

STRIP MINE NEAR DEEGAN GOFF STATION

DATE	GPM	PH	PPM					PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	6	4.4	2	32	7.8	163	.1	2.3	.6	11.7
02-05-69	12	4.8	2	34	0.0	139	.3	4.9	.0	20.0
03-10-69	4	4.7	2	26	0.5	163	.1	1.2	.0	7.8
04-07-69	34	6.1	4	6	0.6	67	1.6	2.4	.2	27.3
05-05-69	6	4.5	4	20	0.5	96	.3	1.4	.0	6.9
06-02-69	2	5.0	6	20	13.6	182	.1	.5	.3	4.4
07-08-69	4	5.0	8	16	5.9	134	.4	.8	.3	6.4
08-04-69	2	3.6	0	28	7.6	173	.0	.7	.2	4.2
09-08-69	2	4.5	4	20	8.3	134	.1	.5	.2	3.2
10-06-69	1	6.1	10	4	5.7	115	.1	.0	.1	1.4
11-03-69	NO SAMPLE AVAILABLE - SAMPLE LEAKED									
12-08-69	12	5.7	6	6	1.4	125	.9	.9	.2	18.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 36

SOFT COAL WATER COURSE NEAR DEEGAN GOFF

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	6	6.1	11	2	3.8	158	.8	.1	.3	11.4
02-05-69	12	5.9	10	4	1.3	125	1.4	.6	.2	18.0
03-10-69	4	6.1	14	0	2.3	154	.7	.0	.1	7.4
04-07-69	28	6.6	6	0	0.7	96	2.0	.0	.2	32.3
05-05-69	4	6.2	10	0	1.3	96	.5	.0	.1	4.6
06-02-69	4	6.3	18	4	3.5	134	.9	.2	.2	6.4
07-08-69	2	6.4	14	0	1.4	134	.3	.0	.0	3.2
08-04-69	6	6.6	24	0	3.6	202	1.7	.0	.3	14.5
09-08-69	4	6.5	20	0	4.9	211	1.0	.0	.2	10.1
10-06-69	6	6.6	22	0	3.8	240	1.6	.0	.3	17.3
11-03-69	9	6.3	20	0	1.5	202	2.2	.0	.2	21.8
12-08-69	28	6.2	10	0	1.2	125	3.4	.0	.4	42.0

MINE DRAINAGE REPORT

SILTPERY ROCK CREEK BASIN

WEIR NUMBER ST 37

STRIP MINE NEAR DEEGAN GOFF

DATE	GPM	PH	ALK	PPM				S04	ALK	PPD			
				ACD	T.FE	T.FE	ACD			T.FE	S04		
01-06-69	NO SAMPLE AVAILABLE - FROZEN												
02-05-69		5.2	10	120	18.8		288	.0	.0	.0	.0	.0	.0
03-10-69		5.5	10	122	22.0		259	.0	.0	.0	.0	.0	.0
04-07-69	1	4.9	8	58	13.9		221	.1	.7	.2	.0	2.7	.0
05-05-69		3.4	0	88	4.4		211	.0	.0	.0	.0	.0	.0
06-02-69		3.3	0	140	9.9		269	.0	.0	.0	.0	.0	.0
07-08-69		3.4	0	78	2.8		202	.0	.0	.0	.0	.0	.0
08-04-69		3.2	0	90	5.8		298	.0	.0	.0	.0	.0	.0
09-08-69		4.2	2	192	26.1		413	.0	.0	.0	.0	.0	.0
10-06-69	NO SAMPLE AVAILABLE - DRY												
11-03-69	NO SAMPLE AVAILABLE - DRY												
12-08-69		3.7	0	30	0.5		115	.0	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 38

DEEP MINE STRIPPED OUT NEAR DEEGAN GOFF

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	17	2.9	0	256	8.0	586	.0	52.2	1.6	119.5
02-05-69	22	3.1	0	306	8.8	490	.0	80.8	2.3	129.4
03-10-69	6	3.4	0	294	11.9	614	.0	21.2	.9	44.2
04-07-69	9	3.1	0	264	10.6	605	.0	28.5	1.1	65.3
05-05-69	6	2.9	0	234	11.9	518	.0	16.8	.9	37.3
06-02-69	9	2.9	0	252	12.8	614	.0	27.2	1.4	66.3
07-08-69	9	2.8	0	274	10.3	557	.0	29.6	1.1	60.2
08-04-69	4	2.8	0	262	17.6	470	.0	12.6	.8	22.6
09-08-69	2	2.9	0	254	14.1	557	.0	6.1	.3	13.4
10-06-69	2	2.9	0	268	12.6	595	.0	6.4	.3	14.3
11-03-69	2	3.0	0	296	14.7	653	.0	7.1	.4	15.7
12-08-69	4	3.1	0	226	10.3	538	.0	10.8	.5	25.8

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 39

DEEP MINE STRIPPED OUT NEAR DEEGAN GOFF

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-06-69	193	3.1	0	244	24.8	682	.0	65.1	57.4	1579.5		
02-05-69	284	3.4	0	198	19.6	557	.0	74.8	66.8	1898.3		
03-10-69	70	3.4	0	172	16.9	509	.0	44.5	14.2	427.6		
04-07-69	123	3.2	0	220	22.0	643	.0	24.7	32.5	949.1		
05-05-69	94	3.1	0	150	14.7	480	.0	69.2	16.6	541.4		
06-02-69	70	3.2	0	166	13.6	499	.0	39.4	11.4	419.2		
07-08-69	22	3.0	0	210	16.1	490	.0	55.4	4.3	129.4		
08-04-69	9	2.8	0	240	17.6	605	.0	25.9	1.9	65.3		
09-08-69	12	2.9	0	238	18.0	1152	.0	34.3	2.6	165.9		
10-06-69	12	3.0	0	288	22.2	787	.0	41.5	3.2	113.3		
11-03-69	12	2.9	0	320	23.1	806	.0	46.1	3.3	116.1		
12-08-69	34	3.0	0	272	21.6	835	.0	11.0	8.8	340.7		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER ST 40

DEEP MINE STRIPPED OUT NEAR DEEGAN GOFF

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	236	3.1	0	286	24.8	701	.0	810.0	70.2	1905.2
02-05-69	236	3.4	0	182	14.0	518	.0	515.4	39.6	1467.0
03-10-69	34	3.3	0	186	16.1	538	.0	75.9	6.6	219.5
04-07-69	236	3.3	0	110	26.0	67	.0	311.5	73.6	189.7
05-05-69	174	3.2	0	166	14.7	451	.0	346.6	30.7	941.7
06-02-69	139	3.2	0	178	14.5	413	.0	296.9	24.2	688.9
07-08-69	108	3.1	0	212	18.0	576	.0	274.8	23.3	746.5
08-04-69	60	2.9	0	240	18.9	605	.0	172.8	13.6	435.6
09-08-69	28	2.9	0	266	15.7	739	.0	89.4	5.3	248.3
10-06-69	28	2.9	0	292	22.2	816	.0	98.1	7.5	274.2
11-03-69	12	2.9	0	336	28.8	768	.0	48.4	4.1	110.6
12-08-69	34	3.0	0	272	27.0	845	.0	111.0	11.0	344.8

MINE DRAINAGE REPORT

SLEIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 41

STRIP MINE NEAR DEEGAN GOFF

DATE	GPM	PH	PPM						S04	
			ALK	ACD	T.FE	SU4	ALK	ACD		T.FE
01-06-69	17	3.2	0	152	9.4	499	.0	31.0	1.9	101.8
02-05-69	17	3.6	0	136	4.4	413	.0	27.7	.9	84.3
03-10-69	9	3.6	0	112	3.6	413	.0	12.1	.4	44.6
04-07-69	12	3.2	0	226	4.6	432	.0	32.8	.7	62.2
05-05-69	9	3.3	0	92	2.7	394	.0	9.9	.3	42.6
06-02-69	4	3.2	0	112	3.2	336	.0	5.4	.2	16.1
07-08-69	6	3.2	0	144	3.5	394	.0	10.4	.3	28.4
08-04-69	4	3.1	0	122	4.3	442	.0	5.9	.2	21.2
09-08-69	4	3.1	0	124	5.1	720	.0	6.0	.2	34.6
10-06-69	2	3.2	0	156	5.8	605	.0	3.7	.1	14.5
11-03-69	4	3.2	0	148	6.2	595	.0	7.1	.3	28.6
12-08-69	6	3.3	0	164	8.5	662	.0	11.8	.6	47.7

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 42

STRIP MINE NEAR DEEGAN GOFF

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-06-69	9	3.4	0	78	16.2	394	.0	8.4	1.7		42.6	
02-05-69	17	3.8	0	66	8.6	326	.0	13.5	1.8		66.5	
03-10-69	6	3.9	0	90	15.4	365	.0	6.5	1.1		26.3	
04-07-69	9	3.8	0	74	14.5	336	.0	8.0	1.6		36.3	
05-05-69	6	3.5	0	52	10.7	269	.0	3.7	.8		19.4	
06-02-69	6	3.7	0	70	9.9	278	.0	5.0	.7		20.0	
07-08-69	6	3.5	0	72	13.0	269	.0	5.2	.9		19.4	
08-04-69	4	3.2	0	52	7.6	259	.0	2.5	.4		12.4	
09-08-69	4	3.4	0	62	15.8	413	.0	3.9	.8		19.8	
10-06-69	2	3.4	0	76	14.7	422	.0	1.8	.4		10.1	
11-03-69	6	3.3	0	82	9.1	480	.0	5.9	.7		34.6	
12-08-69	6	3.4	0	90	16.5	461	.0	6.5	1.2		33.2	

MINE DRAINAGE REPORT

SILIPPERY ROCK CREEK BASIN

WFIR NUMBER ST 43

DFEP MINE STRIPPED OUT NEAR DEEGAN GOFF

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-06-69	50	3.0	0	84	4.4	288	.0	50.4	2.6	1/2.8		
02-05-69	34	3.5	0	74	0.5	240	.0	30.2	.2	07.9		
03-10-69	17	3.6	0	52	2.3	163	.0	10.6	.5	33.3		
04-07-69	17	3.6	0	38	1.1	29	.0	7.8	.2	5.9		
05-05-69	22	3.3	0	66	2.2	223	.0	17.4	.6	58.9		
06-02-69	34	3.4	0	66	2.2	163	.0	26.9	.9	66.5		
07-08-69	9	3.5	0	74	23.1	307	.0	8.0	2.5	33.2		
08-04-69	4	2.8	0	98	1.3	288	.0	4.7	.1	13.8		
09-08-69	6	3.4	0	64	15.4	384	.0	4.6	1.1	27.6		
10-06-69	12	3.5	0	32	1.1	221	.0	4.6	.2	31.8		
11-03-69	12	6.9	32	0	0.3	163	4.6	.0	.0	23.5		
12-08-69	34	6.6	16	0	0.3	134	6.5	.0	.1	54.7		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER ST 44

STRIP MINE NEAR DEEGAN GOFF

DATE	GPM	PH	ALK	PPM				S04	ALK	PPD		
				ACD	T.FE	T.FE	ACD			T.FE	S04	
01-06-69	236	6.2	28	0	0.0	110	79.3	.0	.0	.0	311.5	
02-05-69	193	6.2	26	0	0.0	96	60.2	.0	.0	.0	222.3	
03-10-69	70	6.4	46	0	0.0	115	38.6	.0	.0	.0	96.6	
04-07-69	94	6.9	22	0	0.2	96	24.8	.0	.2	.0	108.3	
05-05-69	34	7.0	30	0	0.0	95	12.2	.0	.0	.0	38.8	
06-02-69	70	7.3	40	0	0.0	125	33.6	.0	.0	.0	105.0	
07-08-69	22	3.5	0	64	10.8	307	.0	16.9	2.9	.0	81.0	
08-04-69	12	6.8	20	0	0.8	278	2.9	.0	.1	.0	40.0	
09-08-69	9	3.4	0	62	14.1	384	.0	6.7	1.5	.0	41.5	
10-06-69	42	7.7	74	0	.0	173	37.3	.0	.0	.0	87.2	
11-03-69	42	7.0	38	0	0.5	163	19.2	.0	.3	.0	82.2	
12-08-69	70	6.7	18	0	0.3	125	15.1	.0	.3	.0	105.0	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 45

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	ALK	PPM				PPD			
				ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-06-69	193	6.1	8	2	0.8	178	18.5	4.6	1.9	412.2	
02-05-69	236	5.9	6	8	0.7	144	17.0	22.7	2.0	407.8	
03-10-69	94	6.1	4	14	1.8	211	4.5	15.8	2.0	238.0	
04-07-69	284	5.8	6	8	0.7	154	20.4	27.3	2.4	524.8	
05-05-69	70	6.7	10	0	0.9	154	8.4	.0	.8	129.4	
06-02-69	50	6.5	10	6	0.4	192	6.0	3.6	.2	115.2	
07-08-69	94	6.5	14	0	0.6	182	15.8	.0	.7	205.3	
08-04-69	70	6.1	10	2	0.4	221	8.4	1.7	.3	185.6	
09-08-69	94	6.0	10	2	0.8	202	11.3	2.3	.9	227.9	
10-06-69	94	6.8	14	0	0.5	230	15.8	.0	.6	259.4	
11-03-69	123	6.6	16	0	0.2	173	23.6	.0	.3	255.3	
12-08-69	236	6.3	12	3	0.7	173	34.0	8.5	2.0	489.9	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 46

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	1	3.6	0	504	0.9	1027	.0	6.0	.0	12.3
02-05-69	12	3.9	0	420	0.0	778	.0	60.5	.0	112.0
03-10-69	12	4.2	0	728	0.3	998	.0	104.8	.0	143.7
04-07-69	22	4.1	0	200	0.5	557	.0	52.8	.1	147.0
05-05-69	12	3.7	0	440	0.7	816	.0	63.4	.1	117.5
06-02-69	4	3.6	0	478	1.9	1114	.0	22.9	.1	53.5
07-08-69	28	3.7	0	382	1.7	768	.0	128.4	.6	258.0
08-04-69	12	3.3	0	486	3.8	998	.0	70.0	.5	143.7
09-08-69	9	3.6	0	510	3.2	1046	.0	55.1	.3	113.0
10-06-69	2	3.9	0	460	1.4	1296	.0	11.0	.0	31.1
11-03-69	9	4.2	0	316	0.7	902	.0	34.1	.1	97.4
12-08-69	34	4.4	6	182	0.9	528	2.4	74.3	.4	215.4

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 47

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	50	3.6	0	340	0.5	634	.0	204.0	.3	380.4
02-05-69	70	3.9	0	256	0.7	442	.0	215.0	.6	371.3
03-10-69	17	4.1	0	342	0.5	662	.0	69.8	.1	135.0
04-07-69	139	4.1	0	130	0.2	230	.0	216.8	.3	383.6
05-05-69	12	3.8	0	296	0.4	470	.0	42.6	.1	67.7
06-02-69	12	3.7	0	418	1.0	720	.0	60.2	.1	103.7
07-08-69	156	3.7	0	208	0.7	307	.0	389.4	1.3	574.7
08-04-69	34	3.5	0	380	1.3	653	.0	155.0	.5	266.4
09-08-69	12	3.5	0	236	2.4	480	.0	34.0	.3	69.1
10-06-69	12	3.7	0	300	1.4	557	.0	43.2	.2	80.2
11-03-69	34	3.8	0	178	1.1	384	.0	72.6	.4	156.7
12-08-69	70	4.0	0	112	0.6	259	.0	94.1	.5	217.6

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 48

DEEP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	42	3.9	0	130	0.1	528	.0	65.5	.1	266.1
02-05-69	60	4.3	0	160	0.0	557	.0	115.2	.0	401.0
03-10-69	28	4.4	0	128	0.0	250	.0	43.0	.0	84.0
04-07-69	42	4.3	0	122	0.0	557	.0	61.5	.0	280.7
05-05-69	28	4.1	0	104	0.1	432	.0	34.9	.0	145.2
06-02-69	22	4.4	10	84	0.5	403	2.6	22.2	.1	106.4
07-08-69	50	4.1	2	100	0.0	490	1.2	60.0	.0	294.0
08-04-69	17	4.0	0	116	0.0	461	.0	23.7	.0	94.0
09-08-69	9	4.1	0	92	0.2	566	.0	9.9	.0	61.1
10-06-69	4	4.2	0	94	.0	518	.0	4.5	.0	24.9
11-03-69	12	4.0	0	234	0.1	547	.0	33.7	.0	78.8
12-08-69	22	3.9	0	184	0.1	461	.0	48.6	.0	121.7

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 49

DFEP MINE STRIPPED OUT NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	50	3.5	0	790	1.3	2227	.0	474.0	.8	1336.2
02-05-69	70	3.8	0	860	1.1	1805	.0	722.4	.9	1516.2
03-10-69	6	4.5	0	720	0.2	2611	.0	51.8	.0	188.0
04-07-69	17	4.4	0	236	0.7	1181	.0	48.1	.1	240.9
05-05-69	2	4.1	0	380	0.1	1757	.0	9.1	.0	42.2
06-02-69	NO SAMPLE AVAILABLE - DRY									
07-08-69	6	3.5	0	620	2.9	1949	.0	59.0	.2	140.3
08-04-69	2	3.9	0	584	0.3	2150	.0	14.0	.0	51.6
09-08-69	1	4.1	0	330	0.4	1670	.0	4.0	.0	20.0
10-06-69	NO SAMPLE AVAILABLE - DRY									
11-03-69	1	4.4	6	184	0.0	1565	.1	2.2	.0	18.8
12-08-69	2	4.3	8	250	0.0	1421	.2	6.0	.0	34.1

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 50

DEEP MINE NEAR MURRINSVILLE

DATE	GFM	PH	PPM						S04	PPD		
			ALK	ACD	T.FE	ALK	ACD	T.FE		S04		
01-06-69	2	4.5	2	146	0.1	797	.0	3.5	.0	19.1		
02-05-69	12	4.9	6	180	0.0	509	.9	25.9	.0	73.3		
03-10-69	1	4.8	4	330	0.1	1142	.0	4.0	.0	13.7		
04-07-69	28	5.0	10	40	0.0	317	3.4	13.4	.0	106.5		
05-05-69	9	4.5	6	170	0.2	710	.6	18.4	.0	76.7		
06-02-69	NO SAMPLE AVAILABLE - DRY											
07-08-69	6	4.5	10	174	0.1	758	.7	12.5	.0	54.6		
08-04-69	NO SAMPLE AVAILABLE - DRY											
09-08-69	NO SAMPLE AVAILABLE - DRY											
10-06-69	NO SAMPLE AVAILABLE - DRY											
11-03-69	NO SAMPLE AVAILABLE - DRY											
12-08-69	1	7.2	56	0	0.8	672	.7	.0	.0	8.1		

MINE DRAINAGE REPORT

SITIPPERY ROCK CREEK BASIN

WFIR NUMBER ST 51

STRIP MINE NEAR MURRINSVILLE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4
01-06-69	34	4.5	2	124	0.1	778	.8	50.6	.0	317.4
02-05-69	17	5.0	6	130	0.1	595	1.2	26.5	.0	121.4
03-10-69	6	5.0	4	240	0.0	979	.3	17.3	.0	70.5
04-07-69	34	5.1	8	24	0.3	365	3.3	9.8	.1	148.9
05-05-69	12	4.6	6	140	0.2	739	.9	20.2	.0	106.4
06-02-69	2	4.6	8	246	0.1	960	.2	5.9	.0	23.0
07-08-69	12	4.5	8	156	0.1	730	1.2	22.5	.0	105.1
08-04-69	4	4.2	0	350	0.1	1248	.0	16.8	.0	59.9
09-08-69	2	4.5	8	206	0.3	1325	.2	4.9	.0	31.8
10-06-69	1	4.7	4	98	0.3	1190	.0	1.2	.0	14.3
11-03-69	2	6.0	16	24	0.1	1027	.4	.6	.0	24.6
12-08-69	6	5.0	16	44	0.0	797	1.2	3.2	.0	57.4

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 52

STRIP MINE NEAR KOHLMAYER CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	193	4.6	2	64	0.2	259	4.6	148.2	.5	509.8
02-05-69	260	4.9	4	60	0.3	192	12.5	187.2	.9	599.0
03-10-69	156	5.2	4	50	0.4	326	7.5	93.6	.7	610.3
04-07-69	284	5.7	8	34	0.2	106	27.3	115.9	.7	361.2
05-05-69	123	4.8	6	34	0.4	211	8.9	50.2	.6	311.4
06-02-69	70	5.4	6	12	0.3	307	5.0	10.1	.3	257.9
07-08-69	156	4.6	8	48	0.2	259	15.0	89.9	.4	484.8
08-04-69	50	4.9	4	18	0.2	442	2.4	10.8	.1	265.2
09-08-69	94	6.2	8	4	0.2	355	9.0	4.5	.2	400.4
10-06-69	34	5.6	6	8	0.5	403	2.4	3.3	.2	164.4
11-03-69	70	4.7	6	48	0.3	250	5.0	40.3	.3	210.0
12-08-69	123	4.7	6	40	0.3	163	8.9	59.0	.4	240.6

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER ST 53
 STRIP MINE NEAR KOHMEYER CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	193	6.5	96	0	0.1	130	222.3	.0	.2	301.1
02-05-69	94	6.6	98	0	0.4	96	110.5	.0	.5	108.3
03-10-69	50	6.9	114	0	0.1	96	68.4	.0	.1	57.6
04-07-69	50	7.2	82	0	0.0	106	49.2	.0	.0	63.6
05-05-69	34	7.2	90	0	0.2	96	36.7	.0	.1	39.2
06-02-69	12	7.2	124	0	0.3	96	17.9	.0	.0	13.8
07-08-69	34	7.2	90	0	0.0	115	36.7	.0	.0	46.9
08-04-69	34	5.0	10	0	0.2	77	4.1	.0	.1	31.4
09-08-69	6	7.1	110	0	0.1	96	7.9	.0	.0	6.9
10-06-69	12	7.1	122	0	0.4	96	17.6	.0	.1	13.8
11-03-69	12	3.2	0	164	7.7	413	.0	23.6	1.1	59.5
12-08-69	34	7.1	106	0	0.1	115	43.2	.0	.0	46.9

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 54

STRIP MINE NEAR KOHLMAYER CORNER

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	123	3.4	0	200	11.4	355	.0	295.2	16.8	524.0
02-05-69	123	3.9	0	128	5.2	192	.0	188.9	7.7	283.4
03-10-69	50	3.4	0	245	14.7	461	.0	147.0	8.8	276.6
04-07-69	123	3.9	0	70	5.2	163	.0	103.3	7.7	240.6
05-05-69	70	3.4	0	166	6.1	317	.0	139.4	5.1	266.3
06-02-69	50	3.3	0	176	8.1	432	.0	105.6	4.9	259.2
07-08-69	94	3.2	0	222	7.8	355	.0	250.4	8.8	400.4
08-04-69	70	3.0	0	256	7.9	490	.0	215.0	6.6	411.6
09-08-69	22	3.1	0	195	7.7	432	.0	51.5	2.0	114.0
10-06-69	28	3.2	0	196	6.2	413	.0	65.9	2.1	138.8
11-03-69	34	7.0	114	0	0.1	115	46.5	.0	.0	46.9
12-08-69	123	3.5	0	118	3.8	240	.0	174.2	5.6	354.2

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 55

DEEP MINE NEAR KOHLMEYER CORNER

DATE	GPM	PH	PPM						PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-06-69	1	4.3	0	10	1.6	48	.0	.1	.0	.6	
02-05-69	1	4.7	4	12	3.0	48	.0	.1	.0	.6	
03-10-69	1	4.5	1	8	2.7	58	.0	.1	.0	.7	
04-07-69	2	4.4	4	14	0.3	58	.1	.3	.0	1.4	
05-05-69	NO SAMPLE	AVAILABLE	-	DRY							
06-02-69	NO SAMPLE	AVAILABLE	-	DRY							
07-08-69	NO SAMPLE	AVAILABLE	-	DRY							
08-04-69	NO SAMPLE	AVAILABLE	-	DRY							
09-08-69	NO SAMPLE	AVAILABLE	-	DRY							
10-06-69	NO SAMPLE	AVAILABLE	-	DRY							
11-03-69	NO SAMPLE	AVAILABLE	-	DRY							
12-08-69	NO SAMPLE	AVAILABLE	-	DRY							

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 56

STRIP MINE NEAR DE SALE

DATE	GPM	PH.	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69		4.1	0	94	2.0	221	.0	.0	.0	.0
02-05-69		4.4	0	120	0.0	269	.0	.0	.0	.0
03-10-69		4.2	0	116	0.0	250	.0	.0	.0	.0
04-07-69	1	4.3	0	128	0.0	211	.0	1.5	.0	2.5
05-05-69	1	4.0	0	92	0.1	144	.0	1.1	.0	1.7
06-02-69	NO SAMPLE AVAILABLE - DRY									
07-08-69	NO SAMPLE AVAILABLE - DRY									
08-04-69	NO SAMPLE AVAILABLE - DRY									
09-08-69	NO SAMPLE AVAILABLE - DRY									
10-06-69	NO SAMPLE AVAILABLE - DRY									
11-03-69	NO SAMPLE AVAILABLE - DRY									
12-08-69		4.1	0	112	0.1	230	.0	.0	.0	.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 57

STRIP MINE NEAR DE SAILF

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-06-69	236	4.2	0	85	0.4	336	.0	240.7	1.1	951.6
02-05-69	193	4.7	4	102	0.7	259	9.3	236.2	1.6	599.8
03-10-69	70	4.3	0	124	0.4	442	.0	104.2	.3	371.3
04-07-69	310	4.9	8	32	0.2	154	29.8	119.0	.7	572.9
05-05-69	123	4.1	0	84	0.1	288	.0	124.0	.1	425.1
06-02-69	70	4.0	0	128	0.4	403	.0	107.5	.3	338.5
07-08-69	94	4.0	0	74	0.3	259	.0	83.5	.3	292.2
08-04-69	34	3.1	0	152	0.7	422	.0	62.0	.3	172.2
09-08-69	50	3.6	0	120	1.0	413	.0	72.0	.6	247.8
10-06-69	22	3.9	0	112	1.5	422	.0	29.6	.4	111.4
11-03-69	70	4.1	0	68	0.3	250	.0	57.1	.3	210.0
12-08-69	338	4.6	6	30	0.1	154	24.3	121.7	.4	624.6

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFTR NUMBER ST 58

STRIP MINE NEAR DE SALE

DATE	GPM	PH	ALK	PPM				S04	ALK	PPD			
				ACD	T.FE	S04	T.FE			ACD	T.FE	S04	T.FE
01-06-69	50	3.6	0	220	1.6	778	1.6	.0	132.0	1.0	466.8	1.0	466.8
02-05-69	94	4.0	0	170	1.6	672	1.6	.0	191.8	1.8	758.0	1.8	758.0
03-10-69	42	3.9	0	320	3.1	77	3.1	.0	161.3	1.6	38.8	1.6	38.8
04-07-69	94	4.1	0	112	1.7	528	1.7	.0	126.3	1.9	505.6	1.9	505.6
05-05-69	34	3.7	0	196	1.7	643	1.7	.0	80.0	.7	262.3	.7	262.3
06-02-69	22	3.5	0	190	2.6	854	2.6	.0	50.2	.7	225.5	.7	225.5
07-08-69	42	3.6	0	238	2.3	778	2.3	.0	120.0	1.2	302.1	1.2	302.1
08-04-69	42	3.4	0	198	2.3	979	2.3	.0	99.8	1.2	493.4	1.2	493.4
09-08-69	123	3.6	0	122	3.0	557	3.0	.0	180.1	4.4	822.1	4.4	822.1
10-06-69	34	3.7	0	142	2.4	643	2.4	.0	57.9	1.0	262.3	1.0	262.3
11-03-69	123	4.0	0	98	1.4	490	1.4	.0	144.6	2.1	723.2	2.1	723.2
12-08-69	123	4.2	0	90	1.1	403	1.1	.0	132.8	1.6	594.8	1.6	594.8

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER ST 59

STRIP MINE NEAR DE SALT

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-06-69	94	3.5	0	560	21.0	1565	.0	631.7	23.7	1765.3		
02-05-69	94	3.8	0	480	16.0	998	.0	541.4	18.0	1125.7		
03-10-69	12	3.6	0	460	13.6	67	.0	66.2	2.0	9.6		
04-07-69	94	3.9	0	164	11.7	566	.0	185.0	13.2	638.4		
05-05-69	34	3.2	0	450	20.2	1123	.0	183.6	8.2	458.2		
06-02-69	34	3.1	0	776	27.8	1843	.0	316.6	11.3	751.9		
07-08-69	50	3.2	0	564	19.1	1094	.0	338.4	11.5	656.4		
08-04-69	12	2.9	0	650	21.0	1776	.0	93.6	3.0	255.7		
09-08-69	50	3.6	0	146	4.6	509	.0	87.6	2.8	305.4		
10-06-69	50	3.4	0	58	8.3	931	.0	34.8	5.0	558.6		
11-03-69	70	3.7	0	114	5.1	470	.0	95.8	4.3	394.8		
12-08-69	236	3.8	0	106	7.0	307	.0	300.2	19.8	869.4		