

## APPENDIX A

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 1 NO WEIR INSTALLED

SLIPPERY ROCK CREEK UPSTREAM FROM SEATON CREEK, ON ROUTE 10070 BRIDGE

DATE	GPM	PH	PPM								
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-29-69		3.6	0	36	6.8	163	.0	.0	.0	.0	.0
05-15-69		3.7	0	26	2.5	115	.0	.0	.0	.0	.0
08-20-69		3.7	0	26	2.6	96	.0	.0	.0	.0	.0
09-24-69		3.2	0	114	10.0	336	.0	.0	.0	.0	.0
10-22-69		3.8	0	46	3.6	144	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 1 2 NO WEIR INSTALLED

SEATON CREEK, NEAR MOUTH

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		3.5	0	138	15.8	384	.0	.0	.0	.0
05-15-69		3.9	0	36	2.3	202	.0	.0	.0	.0
08-20-69		4.0	0	26	3.3	182	.0	.0	.0	.0
09-24-69		3.6	0	44	3.0	346	.0	.0	.0	.0
10-22-69		4.6	10	18	1.7	144	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 3 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM SEATON CREEK, BRIDGE ON ROUTE 10063

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		3.7	0	50	5.2	276	.0	.0	.0	.0
05-15-69		3.7	0	38	3.7	182	.0	.0	.0	.0
08-20-69		3.6	0	34	3.1	154	.0	.0	.0	.0
09-24-69		3.3	0	84	10.2	346	.0	.0	.0	.0
10-22-69		3.5	0	66	11.9	192	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 4 NO WEIR INSTALLED

BLACKS CREEK, NEAR MOUTH ON ROUTE T560 BRIDGE

DATE	GPM	PH	PPM						S04
			ALK	ACD	T.FE	ALK	ACD	T.FE	
01-29-69		6.0	16	0	0.7	.0	.0	.0	.0
05-15-69		6.4	20	0	0.8	.0	.0	.0	.0
08-20-69		6.6	22	0	1.6	.0	.0	.0	.0
09-24-69		7.1	48	0	0.4	.0	.0	.0	.0
10-22-69		6.6	28	0	1.0	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 5 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM BLACKS CREEK, BRIDGE ON ROUTE 10070 -  
ATWELLS CROSSING

DATE	GPM	PH	PPM						PPD	
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		4.3	2	32	5.1	211	.0	.0	.0	.0
05-15-69		4.1	0	24	2.1	173	.0	.0	.0	.0
08-20-69		3.7	0	26	2.9	144	.0	.0	.0	.0
09-24-69		3.8	0	34	1.6	269	.0	.0	.0	.0
10-22-69		3.8	0	38	3.4	163	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 6 NO WEIR INSTALLED

NORTH BRANCH, NEAR MOUTH, BRIDGE ON ROUTE T539

DATE	GPM	PH	PPM					PPM				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-29-69		6.0	14	0	1.2	120	.0	.0	.0	.0	.0	.0
05-15-69		6.1	12	0	1.1	134	.0	.0	.0	.0	.0	.0
08-20-69		6.7	22	0	0.7	154	.0	.0	.0	.0	.0	.0
09-24-69		6.6	18	0	0.5	221	.0	.0	.0	.0	.0	.0
10-22-69		6.7	22	0	0.9	115	.0	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT  
 SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 7 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM NORTH BRANCH, ON ROUTE T428 BRIDGE

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		5.0	4	22	3.9	144	.0	.0	.0	.0
05-15-69		4.9	6	10	1.5	144	.0	.0	.0	.0
08-20-69		3.6	0	32	2.9	154	.0	.0	.0	.0
09-24-69		4.5	6	18	0.4	230	.0	.0	.0	.0
10-22-69		4.0	0	32	2.7	173	.0	.0	.0	.0



MINE DRAINAGE REPORT

SILTPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 18 NO WEIR INSTALLED

MCMURRAY RUN, NEAR MOUTH ON ROUTE T426 BRIDGE

DATE	GPM	PH	PPM					PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.4	48	0	0.5	62	.0	.0	.0	.0
05-15-69		6.9	42	0	0.5	48	.0	.0	.0	.0
08-20-69		7.2	58	0	2.9	48	.0	.0	.0	.0
09-24-69		7.7	90	0	0.6	86	.0	.0	.0	.0
10-22-69		7.0	42	0	0.4	67	.0	.0	.0	.0

MINI DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 9 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM MCMURRAY RUN ON ROUTE 10068 BIDGE - BOVA

DATE	GPM	PH	PPM								
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-29-69		5.9	8	10	3.2	134	.0	.0	.0	.0	.0
05-15-69		6.0	6	4	1.1	125	.0	.0	.0	.0	.0
08-20-69		3.6	0	36	2.0	154	.0	.0	.0	.0	.0
09-24-69		6.3	12	0	0.1	211	.0	.0	.0	.0	.0
10-22-69		4.7	4	22	1.4	144	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 10 NO WEIR INSTALLED

SOUTH BRANCH, ON ROUTE 1426 BRIDGE

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.6	30	0	0.9	125	.0	.0	.0	.0
05-15-69		6.8	24	0	0.5	96	.0	.0	.0	.0
08-20-69		6.8	24	0	1.5	67	.0	.0	.0	.0
09-24-69		7.4	64	0	0.4	250	.0	.0	.0	.0
10-22-69		6.9	36	0	1.6	134	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 11 NO WEIR INSTALLED

MCDONALD RUN ON ROUTE 10068 BRIDGE - BRANCHTON

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-29-69		7.0	56	0	4.2	67	0	0	0	0	0
05-15-69		7.4	50	0	0.2	67	0	0	0	0	0
08-20-69		7.7	70	0	0.5	58	0	0	0	0	0
09-24-69		7.7	122	0	0.4	48	0	0	0	0	0
10-22-69		7.4	64	0	0.2	48	0	0	0	0	0

MINE DRAINAGE REPORT

SILPERRY ROCK CREEK BASIN

STREAM SAMPLING STATION T 12 NO WEIR INSTALLED

COALTOWN RUN, NEAR MOUTH ON ROUTE T536 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.8	10	0	0.5	110	.0	.0	.0	.0
05-15-69		6.9	10	0	0.2	67	.0	.0	.0	.0
08-20-69		7.1	44	0	0.4	86	.0	.0	.0	.0
09-24-69		7.2	44	0	0.2	192	.0	.0	.0	.0
10-22-69		7.0	26	0	0.6	106	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 13 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM COALTOWN RUN ON ROUTE 10064 BRIDGE

DATE	GPM	PH	PPM								
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-29-69		6.5	12	0	1.1	125	.0	.0	.0	.0	.0
05-15-69		6.7	10	0	0.8	48	.0	.0	.0	.0	.0
08-20-69		5.3	6	6	0.3	106	.0	.0	.0	.0	.0
09-24-69		7.0	20	0	0.1	240	.0	.0	.0	.0	.0
10-22-69		6.5	20	0	0.5	163	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 14 NO WEIR INSTALLED

LONG RUN NEAR MOUTH, CAMP BUCOCO

DATE	GPM	PH	PPM					PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.9	36	0	0.8	67	.0	.0	.0	.0
05-15-69		7.3	34	0	0.3	38	.0	.0	.0	.0
08-20-69		7.4	42	0	1.1	29	.0	.0	.0	.0
09-24-69		7.5	80	0	0.6	19	.0	.0	.0	.0
10-22-69		7.1	34	0	0.5	29	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 15 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM LONG RUN, ON ROUTE T424 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.6	12	0	1.1	115	.0	.0	.0	.0
05-15-69		6.9	12	0	0.4	86	.0	.0	.0	.0
08-20-69		4.8	6	12	0.8	96	.0	.0	.0	.0
09-24-69		7.1	26	0	0.2	240	.0	.0	.0	.0
10-22-69		5.9	8	8	1.9	38	.0	.0	.0	.0



MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 16 NO WEIR INSTALLED

GLADE RUN NEAR MOUTH CULVERT UNDER ROUTE 8

DATE	GPM	PH	PPM						
			ALK	ACD	T.FE	S04	S04		
01-29-69		4.8	4	24	0.3	346	.0	.0	.0
05-15-69		4.9	4	16	0.7	163	.0	.0	.0
08-20-69		5.4	12	10	0.5	202	.0	.0	.0
09-24-69		6.0	14	6	0.2	298	.0	.0	.0
10-22-69		5.6	10	16	0.8	221	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 17 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM GLADE RUN ON ROUTE T173 BRIDGE -  
DOUGHERTYS MILLS

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.1	12	0	0.9	115	.0	.0	.0	.0
05-15-69		6.4	12	0	0.4	96	.0	.0	.0	.0
08-20-69		6.3	18	2	0.3	144	.0	.0	.0	.0
09-24-69		6.9	24	0	0.2	355	.0	.0	.0	.0
10-22-69		7.0	36	0	1.1	154	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 18 NO WEIR INSTALLED

BIG RUN NEAR MOUTH ON ROUTE T368 BRIDGE

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		4.4	2	40	3.4	269	.0	.0	.0	.0
05-15-69		4.2	0	32	1.8	211	.0	.0	.0	.0
08-20-69		5.1	6	10	0.5	144	.0	.0	.0	.0
09-24-69		6.8	16	0	0.2	384	.0	.0	.0	.0
10-22-69		6.0	8	8	0.6	259	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 19 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM BIG PIIN ON ROUTE 10101 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.0	12	0	1.0	125	.0	.0	.0	.0
05-15-69		6.6	10	0	0.4	115	.0	.0	.0	.0
08-20-69		4.8	6	28	0.2	182	.0	.0	.0	.0
09-24-69		6.9	18	0	0.2	182	.0	.0	.0	.0
10-22-69		7.0	28	0	0.6	154	.0	.0	.0	.0

MINE DRAINAGE REPORT  
 SITPERRY ROCK CREEK BASIN

STREAM SAMPLING STATION 1 20 NO WEIR INSTALLED  
 HOGUE RIIN, NEAR MOUTH

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.4	12	0	0.8	130	.0	.0	.0	.0
05-15-69		7.1	58	0	0.1	38	.0	.0	.0	.0
08-20-69		7.5	58	0	0.7	38	.0	.0	.0	.0
09-24-69		7.3	48	0	0.2	413	.0	.0	.0	.0
10-22-69		7.2	38	0	0.6	202	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 21 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM HOGUF RUN, ON ROUTE T366 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		6.6	16	0	1.2	125	.0	.0	.0	.0
05-15-69		7.0	12	0	0.4	106	.0	.0	.0	.0
08-20-69		7.0	28	0	1.8	163	.0	.0	.0	.0
09-24-69		7.1	20	0	0.3	163	.0	.0	.0	.0
10-22-69		7.1	28	0	1.1	134	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 22 NO WEIR INSTALLED  
 EAST BRANCH WOLF CREEK NEAR MOUTH, ROUTE T880 BRIDGE

DATE	GPM	PH	PPM					S04					
			ALK	ACD	T.FE	ALK	ACD		T.FE				
01-29-69	NO SAMPLE	AVAIL	ABLE	-	INACCESSIBLE								
05-15-69		5.9	6	6	1.6	144	.0	.0	.0	.0	.0	.0	.0
08-20-69		6.6	14	0	0.4	259	.0	.0	.0	.0	.0	.0	.0
09-24-69		6.5	18	0	1.2	298	.0	.0	.0	.0	.0	.0	.0
10-22-69		6.6	18	0	0.4	134	.0	.0	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT

SITPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 23 NO WEIR INSTALLED

UNNAMED TRIBUTARY TO MOIF CREEK ON ROUTE 173 BRIDGE - ARMSTRONG

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-29-69		6.9	20	0	0.7	115	.0	.0	.0	.0	.0	.0
05-15-69		7.4	52	0	0.3	96	.0	.0	.0	.0	.0	.0
08-20-69		7.6	62	0	0.5	67	.0	.0	.0	.0	.0	.0
09-24-69		7.6	72	0	0.6	154	.0	.0	.0	.0	.0	.0
10-22-69		7.5	52	0	0.2	58	.0	.0	.0	.0	.0	.0



MINE DRAINAGE REPORT  
 SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 24 NO WEIR INSTALLED

WOLF CREEK NEAR MOUTH ON ROUTE 100 BRIDGE

DATE	GPM	PH	PPM					PPD					
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04			
01-29-69		7.2	52	0	0.6	77							
05-15-69		7.7	54	0	0.5	58							
08-20-69		7.6	98	0	0.8	106							
09-24-69		8.0	114	0	0.2	125							
10-22-69		7.7	76	0	0.5	77							

MINE DRAINAGE REPORT

SITPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 125 NO WEIR INSTALLED

SITPPERY ROCK CREEK DOWNSTREAM FROM WOLF CREEK ON ROUTE T488 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		7.1	22	0	0.4	115	.0	.0	.0	.0
05-15-69		7.4	20	0	0.2	86	.0	.0	.0	.0
08-20-69		7.2	36	0	2.1	154	.0	.0	.0	.0
09-24-69		7.6	54	0	0.2	163	.0	.0	.0	.0
10-22-69		7.4	46	0	0.9	134	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 26 NO WEIR INSTALLED

BLACK RINN NEAR MOUTH ON ROUTE T377 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		7.2	34	0	0.6	106	.0	.0	.0	.0
05-15-69		7.6	52	0	0.4	67	.0	.0	.0	.0
08-20-69		7.7	84	0	0.4	67	.0	.0	.0	.0
09-24-69		7.7	104	0	0.2	77	.0	.0	.0	.0
10-22-69		7.5	56	0	0.4	86	.0	.0	.0	.0

MINE DRAINAGE REPORT

SILIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION I 27 NO WEIR INSTALLED

JAMISON RUN NEAR MOUTH ON ROUTE 108 BRIDGE

DATE	GPM	PH	PPM								
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
01-29-69		7.5	108	0	0.6	48	.0	.0	.0	.0	.0
05-15-69		7.5	28	0	0.4	67	.0	.0	.0	.0	.0
08-20-69		8.2	104	0	0.6	38	.0	.0	.0	.0	.0
09-24-69		8.1	158	0	0.2	48	.0	.0	.0	.0	.0
10-22-69		7.8	82	0	0.7	48	.0	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION T 28 NO WEIR INSTALLED

TAYLOR RUN NEAR MOUTH ON ROUTE 103 BRIDGE

DATE	GPM	PH	PPM					PPD		
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		7.7	98	0	0.6	38	.0	.0	.0	.0
05-15-69		8.4	80	0	0.3	48	.0	.0	.0	.0
08-20-69		8.6	110	0	0.2	38	.0	.0	.0	.0
09-24-69		8.1	132	0	0.1	58	.0	.0	.0	.0
10-22-69		7.9	98	0	0.2	58	.0	.0	.0	.0

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STREAM SAMPLING STATION 29 NO WEIR INSTALLED

SLIPPERY ROCK CREEK DOWNSTREAM FROM TAYLOR RUN ON ROUTE 19 BRIDGE

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-29-69		7.5	34	0	0.3	91	.0	.0	.0	.0
05-15-69		7.7	26	0	0.3	58	.0	.0	.0	.0
08-20-69		7.5	36	0	1.5	134	.0	.0	.0	.0
09-24-69		7.8	62	0	0.2	163	.0	.0	.0	.0
10-22-69		7.5	50	0	1.1	134	.0	.0	.0	.0