

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER CR 270

DEEP MINE - REFUSE PILE NEAR COALTOWN

DATE	GPM	PH	ALK	PPM					S04	T.FE	S04
				ACD	T.FE	ALK	ACD	T.FE			
01-21-69	4	4.0	0	42	0.9	326	2.0	.0	15.6		
02-24-69	17	3.8	0	30	0.6	211	6.1	.0	43.0		
03-25-69	42	4.0	0	38	0.4	240	19.2	.0	121.0		
04-22-69	174	3.5	0	42	1.5	221	87.7	3.1	461.4		
05-20-69	108	3.8	0	26	0.6	202	33.7	.8	261.8		
06-17-69	34	3.8	0	38	0.9	250	15.5	.4	102.0		
07-21-69	9	3.6	0	30	1.6	403	3.2	.2	43.5		
08-18-69	1	5.0	8	6	0.8	144	.1	.0	1.7		
09-22-69	2	3.7	0	36	1.8	346	.9	.0	8.3		
10-20-69	9	3.7	0	46	1.4	307	5.0	.2	33.2		
11-12-69	6	3.5	0	48	1.1	403	3.5	.1	29.0		
12-16-69	34	3.9	0	56	1.3	413	22.8	.5	168.5		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STATION 3

WETR NUMBER BR 271

DEEP MINE NEAR SLIPPERY ROCK PARK

DATE	GPM	PH	ALK	PPM				ACID			
				ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	60	2.9	0	1054	39.9	2374	800	.0	758.9	28.7	1709.3
02-24-69	70	3.0	0	952	20.2	326		.0	799.7	17.0	273.6
03-25-69	34	2.9	0	970	26.1	1632	352	.0	395.8	10.6	665.9
04-22-69	260	2.9	0	680	43.3	1037	578	.0	2121.6	135.1	3235.4
05-20-69	70	2.8	0	536	29.4	854	660	.0	492.2	24.7	717.4
06-17-69	22	2.8	0	780	21.6	931	778	.0	205.9	5.7	245.8
07-21-69	17	2.7	0	714	23.1	1488	874	.0	145.7	4.7	303.6
08-18-69	2	2.5	0	754	31.1	1334	960	.0	18.3	.7	32.0
09-22-69	6	2.6	0	952	25.8	1402		.0	68.5	1.9	100.9
10-20-69	4	2.7	0	1022	22.7	1613	780	.0	49.1	1.1	77.4
11-12-69	9	2.7	0	1030	41.2	1862		.0	111.2	4.4	261.1
12-16-69	12	3.0	0	1070	134.4	1766		.0	154.1	19.4	254.3

1-13-75
 3-8-75
 5-1-75
 6-3-75
 7-1-75
 8-7-75
 10-6-75

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

STATION 2

WFIR NUMBER BR 272

DEEP MINE NEAR SLIPPERY ROCK PARK

ACID
~~PPM~~

PPM

PPD

DATE	GPM	PH	ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
1-13-75	12	3.0	0	1002	40.4	1574	.0	144.3	5.8	226.7
02-24-69	6	2.9	0	1430	15.8	1613	.0	103.0	1.1	116.1
3-3-75	4	3.0	0	880	23.1	1286	.0	42.2	1.1	61.7
3-31-75	2	2.8	0	640	36.5	922	.0	15.4	.9	22.1
5-1-75	6	2.7	0	710	22.7	960	.0	51.1	1.6	69.1
6-3-75	2	2.8	0	510	19.2	797	.0	12.2	.5	19.1
7-1-75	2	2.8	0	470	27.3	739	.0	11.3	.7	17.7
8-7-75	1	2.7	0	470	26.9	710	.0	5.6	.3	8.5
	1	2.8	0	650	22.2	1008	.0	7.8	.3	12.1
10-6-75	1	2.9	0	740	26.5	960	.0	8.9	.3	11.5
	2	2.9	0	730	37.8	1171	.0	17.5	.9	28.1
	1	3.1	0	788	153.3	1344	.0	9.5	1.8	16.1

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BR 273

STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	22	3.1	0	820	36.5	1421	.0	216.5	9.6	375.1
02-24-69	4	3.5	0	290	7.7	576	.0	13.4	.4	27.6
03-25-69	2	3.6	0	230	3.9	538	.0	5.5	.1	12.9
04-22-69	12	3.0	0	730	22.7	1066	.0	105.1	3.3	153.5
05-20-69	17	3.0	0	430	24.8	816	.0	87.7	5.1	166.5
06-17-69	1	3.4	0	220	3.4	518	.0	2.6	.0	6.2
07-21-69	1	3.2	0	208	11.9	470	.0	2.5	.1	5.6
08-18-69	2	3.2	0	186	8.4	480	.0	4.5	.2	11.5
09-22-69	1	3.5	0	148	2.5	461	.0	1.8	.0	5.5
10-20-69	1	3.5	0	152	1.8	470	.0	1.8	.0	5.6
11-12-69	1	3.3	0	188	5.4	538	.0	2.3	.1	6.5
12-16-69	2	3.4	0	76	27.2	739	.0	1.8	.7	17.7

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 275

STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	22	3.1	0	900	29.3	1574	.0	237.6	7.7	415.5
02-24-69	22	3.2	0	770	17.8	1354	.0	203.3	4.7	357.5
03-25-69	6	3.3	0	460	19.1	931	.0	33.1	1.4	67.0
04-22-69	9	3.1	0	860	23.9	1104	.0	92.9	2.6	119.2
05-20-69	9	2.9	0	620	26.0	1142	.0	67.0	2.8	123.3
06-17-69	1	3.0	0	448	18.6	1037	.0	5.4	.2	12.4
07-21-69	1	3.1	0	270	12.0	970	.0	3.2	.1	11.6
08-18-69	1	3.1	0	264	10.3	893	.0	3.2	.1	10.7
09-22-69	1	3.2	0	198	6.6	999	.0	2.4	.1	12.0
10-20-69	1	3.4	0	180	4.7	941	.0	2.2	.1	11.3
11-12-69	2	3.1	0	386	20.7	912	.0	9.3	.5	21.9
12-16-69	6	3.2	0	722	31.0	1488	.0	52.0	2.2	107.1

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 275

STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-21-69	22	3.1	0	900	29.3	1574	.0	237.6	7.7	415.5		
02-24-69	22	3.2	0	770	17.8	1354	.0	203.3	4.7	357.5		
03-25-69	6	3.3	0	460	19.1	931	.0	33.1	1.4	67.0		
04-22-69	9	3.1	0	860	23.9	1104	.0	92.9	2.6	119.2		
05-20-69	9	2.9	0	620	26.0	1142	.0	67.0	2.8	123.3		
06-17-69	1	3.0	0	448	18.6	1037	.0	5.4	.2	12.4		
07-21-69	1	3.1	0	270	12.0	970	.0	3.2	.1	11.6		
08-18-69	1	3.1	0	264	10.3	893	.0	3.2	.1	10.7		
09-22-69	1	3.2	0	198	6.6	999	.0	2.4	.1	12.0		
10-20-69	1	3.4	0	180	4.7	941	.0	2.2	.1	11.3		
11-12-69	2	3.1	0	386	20.7	912	.0	9.3	.5	21.9		
12-16-69	6	3.2	0	722	31.0	1488	.0	52.0	2.2	107.1		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER HR 276

STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	50	3.9	0	172	0.0	1872	.0	103.2	.0	1123.2
02-24-69	12	3.9	0	260	0.8	1632	.0	37.4	.1	235.0
03-25-69	22	4.5	3	134	0.9	1200	.8	35.4	.2	316.8
04-22-69	6	3.9	0	238	0.8	1603	.0	17.1	.1	115.4
05-20-69	22	4.0	0	190	1.2	1709	.0	50.2	.3	451.2
06-17-69	2	3.9	0	242	2.5	1882	.0	5.8	.1	45.2
07-21-69	2	3.9	0	68	1.5	1978	.0	1.6	.0	47.5
08-18-69	2	4.0	0	146	2.6	1690	.0	3.5	.1	40.6
09-22-69	2	3.7	0	166	8.6	2227	.0	4.0	.2	53.4
10-20-69	1	3.8	0	144	5.9	2064	.0	1.7	.1	24.8
11-12-69	1	4.2	0	116	2.3	1766	.0	1.4	.0	21.2
12-16-69	12	4.0	0	200	1.5	1824	.0	28.8	.2	262.7

WEIR NUMBER HR 277

DEEP AND STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	123	5.1	6	12	0.1	125	8.9	17.7	.1	184.5
03-25-69	50	4.9	4	20	0.3	202	2.8	8.0	.1	121.0
04-22-69	70	5.1	5	6	0.0	106	4.2	5.0	.0	89.0
05-20-69	70	5.7	6	12	0.2	115	5.0	10.1	.2	96.6
06-17-69	12	4.9	6	14	0.3	269	.9	2.0	.0	38.7
07-21-69	12	5.4	6	8	0.9	298	.9	1.2	.1	42.9
08-16-69	4	6.4	16	0	0.8	154	.8	.0	.0	7.4
09-22-69	1	6.4	24	0	4.7	230	.3	.0	.1	2.8
10-20-69	1	6.3	22	0	5.4	259	.3	.0	.1	3.1
11-12-69	1	6.0	8	2	3.8	250	.1	.0	.0	3.0
12-16-69	70	5.4	6	12	0.3	173	5.0	10.1	.3	145.3
10-20-69			7.0	30	0	0.6		.0	.0	.0
11-12-69			6.8	22	0	0.2		.0	.0	.0
12-16-69	22	6.0	6.0	6	8	1.8	5.0	1.6	2.1	15.3

MINE DRAINAGE REPORT
SLIPPERY ROCK CREEK BASIN

WFIR NUMBER BR 279

STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM							
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	236	3.8	0	66	2.4	394	.0	186.9	6.8	1115.8
02-24-69	123	3.6	0	104	5.1	720	.0	153.5	7.5	1062.7
03-25-69	42	3.5	0	170	0.6	758	.0	85.7	.3	382.0
04-22-69	236	3.6	0	68	2.8	317	.0	192.6	7.9	897.7
05-20-69	94	3.3	0	108	3.1	586	.0	121.8	3.5	661.0
06-17-69	50	3.2	0	156	7.3	816	.0	93.6	4.4	489.6
07-21-69	60	3.2	0	170	7.2	624	.0	122.4	5.2	449.3
08-18-69	50	3.1	0	115	10.2	614	.0	69.0	6.1	368.4
09-22-69	28	3.4	0	100	6.0	787	.0	33.6	2.0	264.4
10-20-69	50	3.4	0	136	5.9	778	.0	81.6	3.5	466.8
11-12-69	70	3.4	0	122	7.5	720	.0	102.5	6.3	604.8
12-16-69	123	3.9	0	74	4.2	490	.0	109.2	6.2	723.2

MINE DRAINAGE REPORT

SUPPERY ROCK CREEK BASIN

WEIR NUMBER BR 279

STRIP MINE NEAR WEST LIBERTY

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	236	3.8	0	66	2.4	394	.0	186.9	6.8	1115.8
02-24-69	123	3.6	0	104	5.1	720	.0	153.5	7.5	1062.7
03-25-69	42	3.5	0	170	0.6	758	.0	85.7	.3	382.0
04-22-69	236	3.6	0	68	2.8	317	.0	192.6	7.9	897.7
05-20-69	94	3.3	0	108	3.1	586	.0	121.8	3.5	661.0
06-17-69	50	3.2	0	156	7.3	816	.0	93.6	4.4	489.6
07-21-69	60	3.2	0	170	7.2	624	.0	122.4	5.2	449.3
08-18-69	50	3.1	0	115	10.2	614	.0	69.0	6.1	368.4
09-22-69	28	3.4	0	100	6.0	787	.0	33.6	2.0	264.4
10-20-69	50	3.4	0	136	5.9	778	.0	81.6	3.5	466.8
11-12-69	70	3.4	0	122	7.5	720	.0	102.5	6.3	604.8
12-16-69	123	3.9	0	74	4.2	490	.0	109.2	6.2	723.2

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 280

STRIP MINE NEAR ELORA

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-21-69	28	5.3	6	4	2.0	48	2.0	1.3	.7	16.1		
02-24-69	22	4.9	4	6	0.4	48	1.1	1.6	.1	12.7		
03-25-69	12	4.7	2	8	0.7	58	.3	1.2	.1	8.4		
04-22-69	28	4.9	4	8	0.5	38	1.3	2.7	.2	12.8		
05-20-69	34	5.6	4	4	1.6	38	1.6	1.6	.7	15.5		
06-17-69	2	4.6	4	10	5.9	106	.1	.2	.1	2.5		
07-21-69	4	6.2	8	0	0.7	29	.4	.0	.0	1.4		
08-18-69	9	6.7	16	0	0.7	29	1.7	.0	.1	3.1		
09-22-69		3.7	0	28	1.0	77	.0	.0	.0	.0		
10-20-69		7.0	30	0	0.6	38	.0	.0	.0	.0		
11-12-69		6.8	22	0	0.2	58	.0	.0	.0	.0		
12-16-69	22	6.0	6	8	1.8	58	1.6	2.1	.5	15.3		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER BR 281

STRIP MINE NEAR ELORA

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	50	5.9	8	2	0.2	38	4.8	1.2	.1	22.8
02-24-69	22	5.6	6	4	0.3	38	1.6	1.1	.1	10.0
03-25-69	22	5.9	7	2	0.4	19	1.8	.5	.1	5.0
04-22-69	236	6.0	6	4	1.3	58	17.0	11.3	3.7	164.3
05-20-69	70	6.7	14	0	0.7	19	11.8	.0	.6	16.0
06-17-69	2	5.0	6	10	1.0	38	.1	.2	.0	.9
07-21-69	6	4.6	4	9	3.0	48	.3	.6	.2	3.5
08-18-69	6	5.7	8	2	6.3	58	.6	.1	.5	4.2
09-22-69	2	5.9	10	14	12.7	86	.2	.3	.3	2.1
10-20-69	1	5.5	12	32	13.0	144	.1	.4	.2	1.7
11-12-69	1	5.2	10	12	5.0	77	.1	.1	.1	.9
12-16-69	12	6.3	10	4	0.8	38	1.4	.6	.1	5.5

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER GR 282

STRIP MINE NEAR SLIPPERY ROCK PARK

DATE	GPM	PH	PPM				PPD			
			ALK.	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	2	3.1	0	1952	24.6	3782	.0	46.8	.6	90.8
02-24-69	22	4.1	0	396	0.5	979	.0	104.5	.1	258.5
03-25-69	28	4.3	2	220	0.6	787	.7	73.9	.2	264.4
04-22-69	70	3.6	0	358	2.6	922	.0	300.7	2.2	774.5
05-20-69	70	3.5	0	284	2.1	931	.0	238.6	1.8	782.0
06-17-69	12	3.6	0	180	2.7	778	.0	25.9	.4	112.0
07-21-69	2	3.4	0	276	4.6	845	.0	6.6	.1	20.3
08-18-69	2	3.3	0	236	8.1	797	.0	5.7	.2	19.1
09-22-69	1	3.5	0	202	6.8	970	.0	2.4	.1	11.6
10-20-69	1	3.8	0	158	3.7	1008	.0	1.9	.0	12.1
11-12-69	12	3.9	0	168	1.6	816	.0	24.2	.2	117.5
12-16-69	34	3.9	0	251	3.3	902	.0	102.4	1.3	368.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER GR 283

DEEP MINE NEAR HALLSTON

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-21-69	236	3.2	0	128	21.4	269	.0	362.5	60.6	761.8		
02-24-69	156	3.4	0	80	0.4	173	.0	149.8	.7	323.9		
03-25-69	70	3.2	0	110	14.5	278	.0	92.4	12.2	233.5		
04-22-69	193	3.2	0	100	19.4	38	.0	231.6	44.9	88.0		
05-20-69	193	4.7	0	70	7.2	230	.0	162.1	16.7	532.7		
06-17-69	70	3.1	0	104	13.6	269	.0	87.4	11.4	226.0		
07-21-69	70	3.0	0	184	17.7	461	.0	154.6	14.9	387.2		
08-18-69	12	2.9	0	160	23.9	346	.0	23.0	3.4	49.8		
09-22-69	22	2.9	0	218	18.9	432	.0	57.6	5.0	114.0		
10-20-69	12	2.9	0	250	25.5	557	.0	36.0	3.7	80.2		
11-12-69	6	2.9	0	280	26.0	624	.0	20.2	1.9	44.9		
12-16-69	70	3.2	0	208	35.3	442	.0	174.7	29.7	371.3		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER GR 284

DEEP MINE NEAR CLAYTONIA

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	22	3.3	0	106	1.8	278	.0	28.0	.5	73.4
02-24-69	12	3.4	0	92	0.3	244	.0	13.2	.0	35.1
03-25-69	28	3.4	0	104	1.1	259	.0	34.9	.4	87.0
04-22-69	2	4.1	0	36	0.7	38	.0	.9	.0	.9
05-20-69		4.9	0	66	1.1	202	.0	.0	.0	.0
06-17-69	2	3.5	0	66	1.7	298	.0	1.6	.0	7.2
07-21-69	1	3.3	0	142	3.5	374	.0	1.7	.0	4.5
08-18-69	1	3.3	0	80	5.8	326	.0	1.0	.1	3.9
09-22-69	1	3.2	0	128	9.4	307	.0	1.5	.1	3.7
10-20-69	1	3.2	0	136	12.9	374	.0	1.6	.2	4.5
11-12-69	1	3.2	0	154	15.0	422	.0	1.8	.2	5.1
12-16-69	1	3.4	0	126	9.2	317	.0	1.5	.1	3.8

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFTR NUMBER GR 285

DEEP MINE NEAR CLAYTONIA

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	34	3.3	0	90	1.5	250	.0	36.7	.6	102.0
02-24-69	12	3.5	0	62	0.1	202	.0	11.8	.0	29.1
03-25-69	22	3.5	0	74	0.9	250	.0	19.5	.2	66.0
04-22-69	28	3.4	0	92	1.2	230	.0	30.9	.4	77.3
05-20-69	17	4.8	0	78	1.0	202	.0	15.9	.2	41.2
06-17-69	6	3.4	0	92	1.2	250	.0	6.6	.1	18.0
07-21-69	1	3.4	0	104	1.2	518	.0	1.2	.0	6.2
08-18-69	2	3.3	0	66	1.5	298	.0	2.1	.0	7.2
09-22-69	4	3.3	0	94	1.3	66	.0	4.5	.1	4.1
10-20-69	2	3.4	0	94	1.9	278	.0	2.3	.0	6.7
11-12-69	4	3.3	0	100	1.2	326	.0	4.8	.1	15.6
12-16-69	12	3.5	0	106	1.8	250	.0	15.3	.3	36.0

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER GR 286

DEEP MINE NEAR CLAYTONIA

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	50	3.4	0	86	1.1	240	.0	51.6	.7	144.0
02-24-69	17	3.5	0	62	0.1	77	.0	12.6	.0	15.7
03-25-69	12	3.5	0	82	0.4	211	.0	11.8	.1	30.4
04-22-69	42	3.4	0	86	0.7	173	.0	43.3	.4	87.2
05-20-69	34	4.8	0	112	0.7	202	.0	45.7	.3	82.4
06-17-69	1	3.5	0	66	1.1	230	.0	.8	.0	2.8
07-21-69	4	3.4	0	96	0.8	307	.0	4.6	.0	14.7
08-18-69	2	3.3	0	86	0.5	250	.0	2.1	.0	6.0
09-22-69	2	3.3	0	96	0.5	259	.0	2.3	.0	6.2
10-20-69	2	3.4	0	84	0.5	317	.0	2.0	.0	7.6
11-12-69	2	3.4	0	92	0.7	298	.0	2.2	.0	7.2
12-16-69	6	3.5	0	104	1.2	307	.0	7.5	.1	22.1

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER GR 287

DEEP MINE NEAR CLAYTONIA

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	70	3.1	0	156	13.4	288	.0	132.7	11.3	241.9
02-24-69	34	3.1	0	138	9.0	202	.0	56.3	3.7	82.4
03-25-69	12	3.1	0	185	10.3	259	.0	26.6	1.5	37.3
04-22-69	156	3.2	0	82	7.5	124	.0	153.5	14.0	288.3
05-20-69	70	4.6	0	122	6.3	182	.0	102.5	5.3	152.9
06-17-69	17	3.0	0	170	11.4	259	.0	34.7	2.3	52.8
07-21-69	6	3.0	0	188	13.6	451	.0	13.5	1.0	32.5
08-16-69	6	2.9	0	165	17.6	374	.0	11.9	1.3	26.9
09-22-69	6	2.9	0	198	15.8	384	.0	14.3	1.1	27.6
10-20-69	4	2.8	0	206	12.5	403	.0	9.9	.6	19.3
11-12-69	12	2.8	0	288	28.8	538	.0	41.5	4.1	77.5
12-16-69	22	3.2	0	152	14.1	259	.0	40.1	3.7	68.4

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER GR 288

DEEP MINE - STRIPPED OUT NEAR CLAYTONIA

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
01-21-69	22	3.9	0	34	3.7	317	.0	9.0	1.0	83.7
02-24-69	12	4.0	0	46	5.8	371	.0	6.6	.8	53.4
03-25-69	22	4.2	1	48	7.5	374	.3	12.7	2.0	98.7
04-22-69	34	5.5	8	18	7.5	230	3.3	7.3	3.1	93.8
05-20-69	50	5.0	6	18	0.3	317	3.6	10.8	.2	190.2
06-17-69	34	4.0	0	52	14.7	374	.0	21.2	6.0	152.6
07-21-69	34	3.8	0	40	10.8	470	.0	16.3	4.4	191.8
08-18-69	34	5.6	8	36	14.4	490	3.3	14.7	5.9	199.9
09-22-69	42	4.0	0	46	13.8	403	.0	23.2	7.0	203.1
10-20-69	34	4.0	0	40	11.4	461	.0	16.3	4.7	188.1
11-12-69	70	4.2	0	32	13.9	374	.0	26.9	11.7	314.2
12-16-69	50	5.7	8	40	13.4	394	4.8	24.0	8.0	236.4

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER GR 209

DEEP MINE NEAR SHERWIN

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	SU4	ALK	ACD	T.FE	SU4		
01-21-69	70	6.1	18	0	0.6	58	15.1	.0	.5		48.7	
02-24-69	22	6.0	16	0	0.7	48	4.2	.0	.2		12.7	
03-25-69	12	6.2	20	0	2.1	77	2.9	.0	.3		11.1	
04-22-69	6	6.5	16	0	16.9	58	1.2	.0	1.2		4.2	
05-20-69	2	6.7	22	0	9.7	38	.5	.0	.2		.9	
06-17-69	2	6.6	22	0	15.8	67	.5	.0	.4		1.6	
07-21-69	4	6.6	26	0	1.4	134	1.3	.0	.1		6.4	
08-18-69	2	6.5	16	0	8.8	154	.4	.0	.2		3.7	
09-22-69	2	6.5	26	0	10.7	86	.6	.0	.3		2.1	
10-20-69	1	6.3	32	0	1.4	115	.4	.0	.0		1.4	
11-12-69	6	6.6	34	0	1.7	154	2.4	.0	.1		11.1	
12-16-69	12	6.6	20	0	2.5	86	2.9	.0	.4		12.4	

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER GR 290

STRIP MINE NEAR SHERWIN

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
01-21-69	236	6.2	24	0	1.5	77	68.0	.0	4.2	218.1		
02-24-69	156	6.2	36	0	3.4	67	67.4	.0	6.4	125.4		
03-25-69	94	6.4	40	0	1.9	96	45.1	.0	2.1	108.3		
04-22-69	156	6.4	26	0	2.0	77	48.7	.0	3.7	144.1		
05-20-69	193	6.5	42	0	2.4	86	97.3	.0	5.6	199.2		
06-17-69	50	6.3	36	0	3.7	96	21.6	.0	2.2	57.6		
07-21-69	82	6.5	34	0	1.5	230	33.5	.0	1.5	226.3		
08-18-69	156	6.5	26	0	1.8	96	48.7	.0	3.4	179.7		
09-22-69	156	6.3	34	0	3.4	106	63.6	.0	6.4	198.4		
10-20-69	123	6.4	40	0	3.0	96	59.0	.0	4.4	141.7		
11-12-69	70	6.5	44	0	4.0	86	37.0	.0	3.4	72.2		
12-16-69	284	6.4	38	0	4.4	96	129.5	.0	15.0	327.2		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER S3 291

STRIP MINE NEAR WEST SUNBURY

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
02-25-69	2	6.8	46	0	2.7	768	1.1	.0	.1	18.4
03-12-69	1	6.9	90	0	1.2	874	1.1	.0	.0	10.5
04-16-69	2	6.6	54	0	0.4	720	1.3	.0	.0	17.3
05-14-69	6	6.7	102	0	0.0	787	7.3	.0	.0	56.7
06-18-69	12	6.7	64	0	0.5	691	9.2	.0	.1	99.5
07-22-69	6	6.7	70	0	0.3	653	5.0	.0	.0	47.0
08-19-69	34	6.6	65	0	1.7	614	26.5	.0	.7	250.5
09-23-69	12	6.6	88	0	0.8	720	12.7	.0	.1	103.7
10-21-69	17	6.6	86	0	1.2	730	17.5	.0	.2	148.9
11-17-69	12	6.9	80	0	0.6	922	11.5	.0	.1	132.8
12-17-69	22	6.8	82	0	0.9	691	21.6	.0	.2	182.4

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 293

STRIP MINE NEAR WEST SUNRURY

DATE	GPM	PH	PPM				PPD			
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04
02-25-69	6	5.9	8	26	1.4	835	.6	1.9	.1	60.1
03-12-69	1	6.5	56	0	3.5	864	.7	.0	.0	10.4
04-16-69	2	6.3	18	0	0.2	874	.4	.0	.0	21.0
05-14-69	12	6.3	14	0	0.7	749	2.0	.0	.1	107.9
06-18-69	2	6.3	34	0	0.0	826	.8	.0	.0	19.8
07-22-69	2	6.4	28	0	1.5	835	.7	.0	.0	20.0
08-19-69	4	6.1	14	0	2.0	806	.7	.0	.1	38.7
09-23-69	6	6.6	100	0	2.4	893	7.2	.0	.2	64.3
10-21-69	6	6.4	56	0	3.3	854	4.0	.0	.2	61.5
11-17-69	2	6.7	58	0	4.4	1075	1.4	.0	.1	25.8
12-17-69	12	6.6	60	0	2.8	787	8.6	.0	.4	113.3

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 294

STRIP MINE NEAR FIVE POINTS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
02-25-69	2	6.6	5	2	0.3	19	.1	.0	.0	.5		
03-12-69		6.5	8	1	0.7	307	.0	.0	.0	.0		
04-16-69	1	6.5	8	2	0.3	48	.1	.0	.0	.6		
05-14-69	12	6.4	8	4	0.3	29	1.2	.6	.0	4.2		
06-18-69	2	6.7	10	0	0.2	10	.2	.0	.0	.2		
07-22-69	1	7.3	24	0	0.0	10	.3	.0	.0	.1		
08-19-69	4	6.5	8	2	1.0	0	.4	.1	.0	.0		
09-23-69	NO SAMPLE AVAILABLE - DRY											
10-21-69	1	6.4	8	4	0.3	19	.1	.0	.0	.2		
11-17-69	1	7.1	10	0	0.2	115	.1	.0	.0	1.4		
12-17-69	4	6.3	8	4	0.1	29	.4	.2	.0	1.4		

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SB 295

STRIP MINE NEAR FIVE POINTS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
02-25-69	4	6.5	16	0	0.8	317	.8	.0	.0	15.2		
03-12-69	2	6.7	16	0	6.0	29	.4	.0	.1	.7		
04-16-69	6	6.7	14	0	0.2	336	1.0	.0	.0	24.2		
05-14-69	28	6.6	16	0	0.5	365	5.4	.0	.2	122.6		
06-18-69	12	6.6	16	0	1.1	269	2.3	.0	.2	38.7		
07-22-69	1	6.8	18	0	1.9	278	.2	.0	.0	3.3		
08-19-69	28	6.6	22	0	1.9	250	7.4	.0	.6	84.0		
09-23-69	1	6.3	20	0	3.3	346	.2	.0	.0	4.2		
10-21-69	6	6.6	30	0	2.0	278	2.2	.0	.1	20.0		
11-17-69	2	6.6	18	0	0.7	365	.4	.0	.0	8.8		
12-17-69	22	6.3	12	2	1.1	470	3.2	.5	.3	124.1		

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WFIR NUMBER SB 296

STRIP MINE NEAR FIVE POINTS

DATE	GPM	PH	PPM				PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04	
02-25-69	1	6.4	6	4	0.9	269	.1	.0	.0	3.2	
03-12-69	NO SAMPLE AVAILABLE - FROZEN										
04-16-69	1	6.0	6	4	0.1	278	.1	.0	.0	3.3	
05-14-69	2	6.1	8	4	0.1	240	.2	.1	.0	5.8	
06-18-69	4	6.3	10	0	0.1	211	.5	.0	.0	10.1	
07-22-69	1	6.4	6	4	0.0	202	.1	.0	.0	2.4	
08-19-69	1	6.3	8	2	0.4	192	.1	.0	.0	2.3	
09-23-69	NO SAMPLE AVAILABLE - DRY										
10-21-69	1	6.0	8	4	0.2	240	.1	.0	.0	2.9	
11-17-69	NO SAMPLE AVAILABLE - DRY										
12-17-69	2	5.8	10	8	0.1	374	.2	.2	.0	9.0	

MINE DRAINAGE REPORT

SLIPPERY ROCK CREEK BASIN

MFR NUMBER SB 297

STRIP MINE NEAR FIVE POINTS

DATE	GPM	PH	PPM					PPD					
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04			
02-25-69	1	6.6	8	0	0.3	29	.1	.0	.0	.3	.0	.0	.0
03-12-69	1	6.6	8	0	0.1	38	.1	.0	.0	.5	.0	.0	.0
04-16-69	2	6.5	6	0	0.0	38	.1	.0	.0	.9	.0	.0	.0
05-14-69	2	6.6	8	0	0.3	48	.2	.0	.0	1.2	.0	.0	.0
06-18-69	2	6.7	12	0	0.7	19	.3	.0	.0	.5	.0	.0	.0
07-22-69	1	7.2	22	0	0.4	19	.3	.0	.0	.2	.0	.0	.0
08-19-69	1	7.0	18	0	0.6	48	.2	.0	.0	.6	.0	.0	.0
09-23-69	1	7.0	20	0	0.1	10	.2	.0	.0	.1	.0	.0	.0
10-21-69	1	6.4	12	0	0.4	38	.1	.0	.0	.5	.0	.0	.0
11-17-69	NO SAMPLE AVAILABLE - FROZEN												
12-17-69	4	5.0	8	6	0.2	48	.4	.3	.0	.0	.0	.0	2.3

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 298

STRIP MINE NEAR FIVE POINTS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
02-25-69	1	6.6	8	0	0.1	38	.1	.0	.0	.5		
03-12-69	4	6.9	6	0	0.1	38	.3	.0	.0	1.8		
04-16-69	6	6.7	8	0	0.0	29	.6	.0	.0	2.1		
05-14-69	12	6.8	8	0	1.1	29	1.2	.0	.2	4.2		
06-18-69	1	6.7	10	0	0.4	0	.1	.0	.0	.0		
07-22-69	NO SAMPLE AVAILABLE - DRY											
08-19-69	2	7.0	18	0	1.9	38	.4	.0	.0	.9		
09-23-69	1	7.0	18	0	0.1	19	.2	.0	.0	.2		
10-21-69	6	6.8	14	0	0.5	29	1.0	.0	.0	2.1		
11-17-69	6	6.5	12	0	0.6	173	.9	.0	.0	12.5		
12-17-69	NO SAMPLE AVAILABLE - SAMPLE LEAKED											

MINE DRAINAGE REPORT
 SLIPPERY ROCK CREEK BASIN

WEIR NUMBER SB 299

DEEP MINE STRIPPED OUT NEAR FIVE POINTS

DATE	GPM	PH	PPM					PPD				
			ALK	ACD	T.FE	S04	ALK	ACD	T.FE	S04		
02-25-69	2	6.7	12	0	0.1	19	.3	.0	.0	.5		
03-12-69	6	6.8	12	0	0.0	38	.9	.0	.0	2.7		
04-16-69	12	7.0	10	0	0.1	29	1.4	.0	.0	4.2		
05-14-69	22	6.8	12	0	0.3	38	3.2	.0	.1	10.0		
06-10-69	6	7.2	20	0	1.0	10	1.4	.0	.1	.7		
07-22-69	1	7.3	20	0	0.3	19	.2	.0	.0	.2		
08-19-69	6	6.9	18	0	1.2	10	1.3	.0	.1	.7		
09-23-69	4	7.0	20	0	0.1	19	1.0	.0	.0	.9		
10-21-69	4	6.8	22	0	0.1	29	1.1	.0	.0	1.4		
11-17-69	2	6.0	16	0	0.2	48	.4	.0	.0	1.2		
12-17-69	12	6.8	14	0	0.2	48	2.0	.0	.0	6.9		