

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 23

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 208, .3 mi. east of junction with Rt. 308

DATE	GPM	pH	ACD	PPM				ACD	ALK	PPD	FE	SO4
				ALK	FE	SO4	SO4					
11-20-70		6.8	3	40	.05	10						
12-17-70		6.7	3	10	.05	44						
01-04-71		6.7	3	40	.05	40						
02-05-71		7.2	--	40	.05	62						
02-17-71		7.2	--	30	.05	52						
02-22-71		6.6	5	20	.05	26						
03-25-71	1700	6.6	5	30	.05	50	100	610	1	1020		
05-03-71	1100	6.8	3	40	.05	70	40	530	.7	920		
06-01-71	1000	6.9	--	50	.05	68	--	600	.6	820		
10-18-71	1000	6.8	3	60	.05	61	36	720	.6	730		
11-18-71	1100	6.8	3	60	.05	58	40	790	.6	770		
01-20-72	1200	7.1	--	70	.05	51	--	1010	.7	730		
02-11-72	1100	7.0	--	70	.05	53	--	920	.7	730		
03-15-72	1600	6.8	3	60	.05	55	58	1150	1	520		
04-03-72	1200	7.1	--	70	.05	27	--	1010	.7	390		
04-17-72	1100	6.9	3	60	.05	32	40	790	.7	420		
05-04-72	1200	6.7	3	50	.05	33	43	720	.7	475		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 24

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 208, .3 mi. east of junction with Rt. 308

PPM

PPD

DATE	GPM	pH	ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
11-20-71		6.8	3	40	.10	10				
12-17-70		6.6	5	30	.05	34				
01-04-71		6.6	5	40	.05	35				
02-05-71		7.0	--	30	.05	26				
02-17-71		7.0	--	30	.05	50				
02-22-71		6.5	5	25	.05	23				
03-25-71	1800	6.7	3	30	.05	42	65	650	1.1	910
05-03-71	1150	6.7	3	40	.05	68	41	550	.7	940
06-01-71	1050	6.8	3	50	.05	40	38	630	.6	500
10-18-71	1050	6.8	3	60	.05	61	38	760	.6	770
11-18-71	1050	6.9	--	80	.05	32	--	1010	.6	400
01-10-72	1250	7.0	--	70	.05	32	--	1050	.8	480
02-11-72	1150	6.9	--	70	.05	34	--	970	.7	470
03-15-72	1700	6.8	3	60	.05	37	61	1220	1	750

ACID MINE DRAINAGE PROJECT
 BIG SCRUBGRASS CREEK WATERSHED

SAMPLING STATION NO. 25

LOCATION: T.R. 327, .3 mi. from junction with Rt. 308

DATE	GPM	PH	ACD	PPM				PPD				
				ALK	FE	SO4	ACD	ALK	FE	SO4		
11-20-70		6.8	3	40	.10	10						
12-17-70		6.7	3	30	.05	33						
01-04-71		6.7	3	30	.05	30						
02-05-71		6.5	5	40	.05	55						
02-17-71		6.7	3	40	.05	40						
02-22-71		6.2	7	30	.05	18						
03-25-71	2200	6.7	3	30	.05	31	79	790	1.3	820		
05-03-71	1450	6.7	3	30	.05	47	52	520	.9	820		
06-01-71	1300	6.9	3	50	.05	31	47	780	.8	480		
10-18-71	1300	6.8	3	50	.05	24	47	780	.8	370		
11-18-71	1450	6.8	3	50	.05	19	52	870	.9	330		
01-20-72	1600	7.0	--	60	.05	15	--	1150	1	290		
02-11-72	1450	6.9	--	60	.05	17	--	1040	.9	300		
03-15-72	2100	6.8	3	60	.05	20	76	1510	1.3	500		
04-03-72	1600	7.0	--	60	.05	19	--	1150	1	360		
04-17-72	1450	6.9	--	50	.05	22	--	870	.9	380		
05-04-72	1600	6.7	3	50	.05	24	58	960	1	460		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 26

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Junction of T.R. 327 and L.R. 60010

DATE	GPM	PH	PPM				PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
11-20-70		6.7	3	40	.10	5					
12-17-70		6.5	5	25	.05	20					
01-04-71		6.6	5	30	.05	20					
02-05-71		7.1	--	40	.05	19					
02-17-71		7.0	--	40	.05	18					
02-22-71		6.5	5	30	.05	14					
03-25-71	290	6.8	3	40	.05	22	10	140	.2		77
05-03-71	180	6.8	3	40	.05	20	6.5	86	.1		43
06-01-71	170	6.8	3	50	.05	12	6.1	100	.1		24
10-18-71	180	6.9	--	50	.05	13	--	110	.1		28
11-18-71	190	6.9	--	50	.05	9	4.4	114	.1		20
01-20-72	200	7.1	--	60	.05	7	--	144	.1		17
02-11-72	190	6.9	--	60	.05	9	--	140	.1		20
03-15-72	280	6.7	3	60	.05	11	10	200	.2		37
04-03-72	210	7.1	--	60	.05	16	--	150	.1		40
04-17-72	200	6.8	3	50	.05	21	7.2	120	.1		50
05-04-72	200	6.6	5	50	.05	19	12	120	.1		46

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 27

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1.4 mi. from junction with T.R. 327

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
11-20-70		6.8	3	30	.10	5							
12-17-70		6.6	5	20	.05	25							
01-04-71		6.6	5	10	.05	20							
02-05-71		6.8	3	20	.05	18							
02-17-71		6.8	3	40	.05	25							
02-22-71		6.4	7	20	.05	10							
03-25-71	2320	6.8	3	20	.05	27	84	560	1.4		750		
05-03-71	1440	6.8	3	40	.05	18	52	690	.9		310		
06-01-71	1400	7.0	--	40	.05	10	--	670	.8		170		
10-18-71	1440	6.8	3	40	.05	11	52	690	.9		190		
11-18-71	1460	6.8	3	40	.05	7	53	700	.9		120		
01-20-72	1570	6.9	--	50	.05	5	--	940	.9		94		
02-11-72	1500	6.8	3	50	.05	7	54	900	.9		126		
03-15-72	2190	6.7	3	50	.05	10	79	1310	1.3		260		
04-03-72	1660	6.7	3	20	.9	21	60	400	18		420		
04-17-72	1570	6.4	5	10	1.3	24	94	190	24		450		
05-04-72	1600	6.3	5	10	1.5	26	96	190	29		500		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 27 (cont'd)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1.4 mi. from junction with T.R. 327

DATE	GPM	pH	ACD	PPM							
				ALK	FE	SO4	ACD	ALK	FE	SO4	
06-23-72		6.3	5	20	.05	32					

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 28

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1.4 mi. from junction with T.R. 327

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
11-20-70		3.8	40	-	.55	200							
12-17-70		3.8	30	-	1.45	110							
01-04-71		5.0	30	-	.20	105							
02-05-71		5.5	30	10	3.80	165							
02-17-71		5.9	20	30	2.70	125							
02-22-71		4.9	10	-	.50	66							
03-03-71		4.9	20	10	1.50	80							
03-09-71		5.2	10	20	1.00	90							
03-18-71	30,400	5.9	10	20	2.10	110							
03-25-71	28,500	6.1	10	20	1.50	110	3,650	7,300	770	40,130	37,620		
04-01-71	27,900	6.3	10	20	1.40	115	3,420	6,840	510	38,500	37,620		
04-07-71	21,500	6.3	10	10	3.10	100	3,350	6,700	470	25,800	25,800		
04-12-71	21,500	6.5	10	20	2.70	120	2,580	5,160	800	30,960	30,960		
04-19-71	20,200	6.4	20	20	2.20	110	2,580	4,850	700	26,660	26,660		
04-26-71	19,000	6.4	20	20	2.40	105	4,850	4,560	530	23,940	23,940		
05-03-71	17,700	6.4	10	20	1.50	130	2,120	4,240	320	27,610	27,610		
05-10-71	23,100	6.6	5	30	1.00	80	1,390	8,310	280	22,180	22,180		
05-17-71	20,100	6.6	3	30	.80	115	720	7,240	190	27,740	27,740		
05-24-71	18,200	6.7	3	30	.40	125	660	6,550	90	27,300	27,300		
06-01-71	17,300	6.7	3	10	.10	135	620	2,080	20	28,020	28,020		
06-07-71	20,200	6.6	5	10	.10	140	1,210	2,420	24	33,940	33,940		
07-07-71	19,600	6.6	5	10	.10	130	1,180	2,360	23	30,580	30,580		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 28 (Cont'd)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1.4 mi. from junction with T.R. 327

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄
08-09-71	16,100	7.0	-	50	.05	150	-	9,660	10	28,980
08-16-71	15,500	7.1	-	60	.05	160	-	11,160	9	29,760
08-23-71	20,200	7.1	-	60	.05	155	-	14,540	12	37,570
09-20-71	19,800	7.0	3	20	.05	100	710	4,750	12	23,760
10-18-71	17,700	7.1	-	10	.10	90	-	2,120	21	19,120
10-26-71	18,400	6.6	10	10	.10	100	2,210	2,210	22	22,100
11-18-71	18,000	6.9	3	10	.10	80	650	2,160	22	17,280
11-29-71	19,200	6.8	3	20	.10	100	690	4,610	23	23,040
12-13-71	31,600	6.8	3	20	2.90	85	1,140	7,580	1100	32,230
12-20-71	21,700	6.6	10	20	.90	110	2,600	5,200	230	28,644
01-20-72	19,300	6.8	3	20	.10	89	690	4,630	23	20,610
02-11-72	18,400	6.9	3	20	.20	90	660	4,400	44	19,870
03-15-72	26,900	6.4	5	10	.25	91	1,610	3,220	80	29,370
04-03-72	20,400	5.5	10	-	1.10	90	2,450	-	270	22,030
04-18-72	19,300	5.0	20	-	1.20	95	4,630	-	280	22,000
05-04-72	19,700	4.8	20	-	1.40	85	4,730	-	330	20,100
06-23-72		5.7	10	10	.20	44				
08-22-72		6.8	3	20	.30	120				

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 29

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60011, 2.3 mi. from junction with Rt. 308

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄		
11-20-70		3.8	40	-	.25	250						
12-17-70		3.9	30	-	1.45	90						
01-04-71		4.9	25	-	.25	90						
02-05-71		5.3	20	-	3.30	165						
02-17-71		6.1	20	15	2.20	145						
02-22-71		4.6	10	-	.50	58						
03-03-71		4.9	20	-	1.40	70						
03-09-71		5.2	10	10	1.15	85						
03-18-71	33,700	6.0	10	20	1.70	100	4040	8080	690	40,440		
03-25-71	31,400	6.2	10	10	1.30	110	3770	3770	490	41,450		
04-01-71	30,700	6.3	10	20	1.40	105	3680	7360	520	38,680		
04-07-71	23,700	6.4	5	10	2.60	100	1420	2840	740	28,440		
04-12-71	23,700	6.4	5	10	2.30	120	1420	2840	650	34,130		
04-19-71	22,300	6.4	10	10	2.10	120	2680	2680	560	32,110		
04-26-71	20,900	6.5	5	15	2.10	105	1250	3760	530	26,330		
05-03-71	19,600	6.5	5	20	1.20	118	1180	4700	280	27,750		
05-10-71	25,500	6.6	10	30	.85	80	3060	9180	260	24,480		
05-17-71	22,200	6.6	10	30	.40	120	2660	7990	110	31,970		
05-24-71	20,100	6.6	10	30	.30	125	2410	7240	72	30,150		
06-01-71	20,200	6.7	3	20	.15	135	730	4850	36	32,720		
06-07-71	22,900	6.7	3	10	.10	135	820	2750	28	37,100		
07-07-71	26,500	6.7	5	10	.05	120	1590	3180	16	38,160		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 29 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60011, 2.3 mi. from junction with Rt. 308

PPM

DATE	GPM	PH	PPM				PPM			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
08-09-71	18,000	6.9	3	40	.05	140	650	8640	11	30,240
08-16-71	17,100	6.9	3	40	.05	145	620	8210	10	29,750
08-23-71	26,900	7.0	-	40	.05	130	-	12,910	16	41,960
09-20-71	21,500	7.0	-	30	.05	100	-	7740	13	25,800
10-18-71	18,000	7.0	-	20	.20	90	-	4320	43	19,440
10-26-71	18,900	6.5	5	10	.20	100	1130	2260	45	22,680
11-18-71	18,000	6.7	3	10	.20	84	650	2160	43	18,140
11-29-71	21,200	6.7	3	20	.10	95	760	5090	25	24,170
12-13-71	34,900	6.7	5	20	.40	95	2100	8380	170	39,790
12-20-71	24,000	6.6	5	20	.40	100	1440	5760	115	28,800
01-20-72	21,400	6.8	3	20	.20	81	770	5140	51	20,800
02-11-72	20,200	6.8	3	20	.20	83	730	4850	49	20,120
03-15-72	36,400	6.6	5	10	.30	87	2180	4370	130	38,000
04-03-72	21,000	5.5	20		1.00	90	5040		250	22,680
04-17-72	21,200	5.0	20		1.10	90	5090		280	22,900
05-04-72	19,800	4.7	20		1.40	85	4750		330	21,620
08-22-72		6.7	3	10	.15	95				

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 30

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Mouth of Trout Run

PPD

PPM

DATE	GPM	pH	ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
11-20-70		3.6	40	--	.2	300				
12-17-70		3.4	40	--	.9	70				
01-04-71		4.0	50	--	.2	72				
02-05-71		4.6	60	--	.4	100				
02-17-71		5.1	70	--	.3	90				
02-22-71		4.5	35	--	.5	72				
03-01-71		4.5	30	--	.5	90				
03-09-71		4.7	40	--	.1	95				
03-18-71	1189	4.5	50	--	1.1	77	710	--	16	1100
03-25-71	1032	4.1	40	--	.7	110	500	--	9	1360
04-01-71	1301	4.6	30	--	.6	80	470	--	9	1250
04-07-71	709	4.6	30	--	.4	76	260	--	3	650
04-12-71	601	4.1	30	--	.2	82	220	--	1	590
04-19-71	579	4.6	30	--	.1	86	210	--	.7	600
04-26-71	507	5.3	20	--	.5	88	120	--	3	540
05-03-71	534	5.4	30	--	.3	95	190	--	2	610
05-10-71	650	4.3	40	--	.1	66	310	--	.8	510
05-17-71	579	5.4	30	--	.1	80	210	--	.7	560
05-24-71	404	5.8	20	--	.1	70	100	--	.5	340
06-01-71	336	6.0	20	--	.1	82	80	--	.4	330
06-07-71	386	4.9	20	--	.05	95	90	--	.2	440

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 30 (Cont'd)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Mouth of Trout Run

DATE	GPM	PH	ACD	PPM				PPD			
				ALK	FE	SO4	ACD	ALK	FE	SO4	
07-07-71	312	6.0	30	10	.05	25	110	37	.2	90	
08-09-71	101	6.3	20	3	.10	100	24	4	.1	120	
08-16-71	108	6.4	20	3	.05	100	26	4	.1	130	
08-23-71	242	6.5	20	5	.05	94	58	15	.2	270	
09-20-71	115	6.7	20	7	.05	110	28	--	.1	150	
10-18-71	115	6.8	30	--	.10	110	41	--	.1	150	
10-26-71	115	6.2	30	--	.20	50	41	--	.3	69	
11-18-71	115	6.2	30	--	.20	50	41	--	.3	69	
11-29-71	200	4.7	50	--	1.15	110	120	--	.3	264	
12-13-71	289	4.9	50	--	.60	90	170	--	2	310	
12-20-71	445	4.4	60	--	.40	60	320	--	2	320	
01-20-72	1036	4.6	30	--	.30	71	370	--	3.7	880	
02-11-72	982	3.9	40	--	.40	77	470	--	4.7	900	
03-15-72	1777	3.6	50	--	.45	82	1100	--	9.6	1750	
04-03-72	426	4.1	40	--	.30	75	200	--	1.5	380	
04-17-72	390	3.9	40	--	.20	74	190	--	1.0	350	
05-04-72	354	3.7	50	--	.10	77	210	--	.4	330	
06-23-72	17,950	5.4	10	--	.15	28	4300	--	32	6030	
08-22-72		5.4	10	--	.15	45					

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 31

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 400, .2 mi. from junction with L.R. 60055

DATE	GPM	pH	PPM									
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
12-17-70		6.4	10	30	.05	27						
01-04-71		6.6	5	25	.10	26						
02-05-71		7.1	--	30	.25	32						
02-17-71		7.0	--	30	.05	25						
02-22-71		6.4	5	15	.05	6						
03-25-71	90	6.5	5	20	.05	22	5.4	22	.05			24
05-03-71	56	6.8	3	40	.05	32	2	27	.03			22
06-01-71	54	6.8	3	80	.05	14	1.9	52	.03			9
10-18-71		Sample Not Available - Dry										
11-18-71		Sample Not Available - Dry										
01-20-72	61	7.0	--	30	.05	18	--	22	.04			13
02-11-72	58	6.9	--	30	.05	20	--	21	.03			16
03-15-72	85	6.5	5	20	.05	23	5.1	20	.05			23
04-03-72	64	6.9	--	40	.05	14	--	31	.04			11
04-17-72	61	6.7	3	30	.05	17	2.2	22	.04			12
05-04-72	62	6.4	5	20	.05	20	3.7	15	.04			15

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 32

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60011, .5 mi. from junction with L.R. 60055

DATE	GPM	PH	ACD	PPM				PPD				
				ALK	FE	SO4	ACD	ALK	FE	SO4		
11-20-70		6.8	3	40	.05	10						
12-17-70		6.8	3	25	.05	21						
01-04-71		6.7	3	30	.05	20						
02-05-71		7.0	--	30	.05	27						
02-17-71		6.9	5	40	.05	27						
02-22-71		6.5	5	20	.05	20						
03-25-71	140	6.8	3	30	.05	22	5	50	.08	37		
05-03-71	70	6.8	3	40	.05	25	2.5	34	.04	26		
06-01-71	44	6.9	--	40	.05	25	--	21	.03	13		
10-18-71		Sample Not Available - Dry										
11-18-71		Sample Not Available - Dry										
01-20-72	130	6.9	--	30	.05	14	--	47	.08	22		
02-11-72	130	6.8	3	30	.05	16	4.7	47	.08	25		
03-15-72	230	6.7	3	20	.05	17	8.3	55	.1	47		
04-03-72	56	6.9	3	30	.05	15	2	20	.03	10		
04-17-72	52	6.8	--	30	.05	19	1.8	19	.03	12		
05-04-72	47	6.9	--	30	.05	18	--	17	.03	10		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 33

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Intersection of L.R. 60007 and L.R. 60011

DATE	GPM	PH	ACD	PPM				PPD					
				ALK	FE	SO4	ACD	ALK	FE	SO4			
11-20-70		4.0	20	--	.15	300							
12-17-70		3.8	20	--	1.20	55							
01-04-71		4.5	20	--	.10	57							
02-05-71		5.1	20	--	3.10	190							
02-17-71		6.1	10	3	1.90	180							
02-22-71		5.7	10	--	.50	68							
03-03-71		5.0	20	--	1.20	85							
03-05-71		5.3	10	--	.80	95							
03-18-71	38,800	5.4	10	--	1.90	95	4660	--	880	44,230			
03-25-71	38,700	6.0	10	10	1.40	165	4640	4640	650	76,630			
04-01-71	35,900	6.3	10	20	1.40	110	4310	8620	600	47,390			
04-07-71	30,000	6.4	10	10	2.50	112	3600	3600	900	40,320			
04-12-71	27,300	6.4	10	10	2.10	120	3280	3280	690	39,310			
04-19-71	25,100	6.5	10	10	1.90	110	3010	3010	570	33,130			
04-26-71	24,200	6.6	5	10	1.80	93	1450	2900	520	27,010			
05-03-71	22,600	6.5	5	10	.90	120	1360	2720	240	32,540			
05-10-71	32,100	6.6	10	10	.70	75	3850	3850	270	28,890			
05-17-71	25,600	6.6	10	10	.30	110	3070	3070	90	42,370			
05-24-71	24,000	6.6	7	10	.10	110	2020	2880	29	31,680			
06-01-71	21,500	6.8	3	10	.10	130	770	2580	26	33,540			
06-07-71	23,700	6.7	3	10	.10	135	850	2844	28	38,390			
07-07-71	28,700	6.8	3	20	--	115	1030	6890	--	39,610			
08-09-71	20,600	7.1	--	30	--	140	--	7420	--	34,610			

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 33 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Intersection of L.R. 60007 and L.R. 60011

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
08-16-71	19,700	7.1	-	30	-	145	-	7090	-	34,280
08-23-71	33,200	6.9	-	30	-	140	-	11,950	-	55,780
09-20-71	24,600	7.1	-	20	-	95	-	5900	-	28,040
10-18-71	19,300	7.0	-	10	.10	90	-	2320	23	20,840
10-26-71	19,800	6.5	10	10	.10	110	2380	2380	24	26,140
11-18-71	19,300	6.7	5	10	.10	82	1160	2320	23	18,990
11-29-71	24,500	6.7	5	10	.10	100	1470	2940	29	29,400
12-13-71	40,300	6.6	10	10	.40	110	4840	4840	190	53,200
12-20-71	27,700	6.5	10	10	.45	90	3320	3320	150	29,916
01-20-72	24,600	6.8	3	10	.10	78	885	2950	30	23,000
02-11-72	23,300	6.8	3	10	.20	81	840	2800	55	22,600
03-15-72	42,100	6.1	10	3	.30	88	5050	1520	150	44,450
04-03-72	24,200	5.3	10	-	.50	80	2900	-	145	23,230
04-17-72	23,300	4.8	10	-	.60	85	2800	-	170	23,770
05-04-72	22,900	4.6	10	-	.70	85	2750	-	195	23,360
06-23-72	1,380,000	5.5	10	-	.40	31	165,600	-	6620	513,400
08-24-72		6.7	3	10	.40	45				

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 34

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Mouth of Scrubgrass, L.R. 60001

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄		
11-20-70		4.2	30	-	.20	275						
12-17-70		4.2	20	-	.80	85						
01-04-71		5.0	20	-	.10	83						
02-05-71		5.7	20	-	.80	130						
02-17-71		5.9	20	-	.95	125						
02-22-71		5.3	10	-	.70	56						
03-03-71		5.6	10	15	.30	75						
03-09-71		5.3	10	10	.60	81						
03-18-71	43,470	5.5	10	10	1.10	58					570	30,260
03-25-71	42,290	6.2	10	20	.50	58		5,220	5,220	5,070	10,150	29,430
04-01-71	43,620	6.4	7	20	1.40	100		3,660	10,470	3,660	10,470	52,340
04-07-71	34,670	6.3	10	10	1.70	106		4,160	4,160	4,160	4,160	44,100
04-12-71	31,210	6.4	7	10	1.70	70		2,620	3,750	2,620	3,750	26,220
04-19-71	28,690	6.4	7	10	1.30	110		2,410	3,440	2,410	3,440	37,870
04-26-71	27,430	6.5	5	10	1.60	75		1,650	3,290	1,650	3,290	24,690
05-03-71	26,010	6.4	7	10	.90	110		2,180	3,120	2,180	3,120	34,330
05-10-71	37,580	6.4	7	10	.40	56		3,160	4,510	3,160	4,510	25,250
05-17-71	29,685	6.6	5	10	.20	70		1,780	3,560	1,780	3,560	24,940
05-24-71	29,250	6.7	3	10	.10	110		1,050	3,510	1,050	3,510	38,610
06-01-71	25,410	6.8	3	10	.10	95		910	3,050	910	3,050	28,970
06-07-71	28,370	6.7	3	10	.05	110		1,020	2,040	1,020	2,040	37,450
07-07-71	36,690	6.9	-	20	.05	100		-	8,800	-	8,800	44,030

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 34 (Cont'd)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Mouth of Scrubgrass Creek, L.R. 60001

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
08-09-71	23,290	7.2	-	30	-	120	-	8,380	-	33,540
08-16-71	22,570	7.1	-	30	-	115	-	8,125	-	31,150
08-23-71	38,050	7.0	-	30	-	100	-	13,700	-	45,660
09-20-71	32,320	7.1	-	30	-	100	-	11,640	-	38,780
10-18-71	22,170	7.1	-	10	.10	90	-	2,660	26	23,940
10-26-71	23,390	6.5	10	10	.05	95	2,810	2,810	14	26,660
11-18-71	22,400	6.8	3	10	.10	91	810	2,690	27	24,460
11-29-71	30,200	6.8	3	20	.10	90	1,090	7,250	36	32,620
12-13-71	54,800	6.8	3	20	.15	40	1,970	13,150	99	26,300
12-20-71	31,610	6.8	3	20	.40	100	1,140	7,590	150	37,930
01-20-72	28,510	7.0	-	20	.10	83	-	6,840	34	28,400
02-11-72	28,780	6.9	5	20	.15	84	1,730	6,910	52	29,010
03-15-72	49,820	6.2	10	3	.20	87	5,980	1,790	120	52,010
04-03-72	29,690	5.4	10	-	.30	72	3,560	-	110	25,650
04-17-72	28,590	4.9	10	-	.40	73	3,430	-	140	25,040
05-04-72	28,100	4.5	10	-	.60	70	3,370	-	200	23,600
06-23-72	1,694,000	5.4	10	3	.35	29	203,280	60,980	7,110	589,500

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 35

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Allegheny River Downstream from Mouth of Scrubgrass Creek

DATE	GPM	PH	PPM				PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
11-20-70		6.8	-	10	.05	25					
12-17-70		6.6	5	10	.05	78					
01-04-71		6.5	5	30	.05	76					
02-05-71		6.6	5	25	.05	88					
02-17-71		6.4	5	20	.35	110					
02-22-71		6.3	7	10	.20	56					
03-03-71		6.5	5	15	.30	71					
03-09-71		6.7	3	10	.20	75					
03-18-71		6.6	5	20	.30	76					
03-25-71		6.6	5	30	.20	50					
04-01-71		6.6	5	20	.30	27					
04-07-71		6.6	5	30	.20	19					
04-12-71		6.8	3	30	.05	9					
04-19-71		6.8	3	40	.05	6					
04-26-71		6.8	3	50	.05	24					
05-03-71		6.9	-	60	.05	28					
05-10-71		6.8	3	70	.05	40					
05-17-71		6.9	-	80	.05	36					
05-24-71		6.8	3	60	.05	44					
06-01-71		7.0	-	40	.05	40					
06-07-71		7.0	-	30	.05	46					
07-07-71		7.3	-	40	.05	8					

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 35 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Allegheny River Downstream from Mouth of Scrubgrass Creek

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄
08-09-71		7.0	-	60	.05	34				
08-16-71		7.0	-	60	.05	32				
08-23-71		7.2	-	70	.05	37				
09-20-71		7.2	-	70	.05	60				
10-18-71		7.1	-	60	.05	54				
10-26-71		6.8	3	60	.05	16				
11-18-71		7.0	-	70	.05	56				
11-29-71		6.8	3	70	.05	14				
12-13-71		6.8	3	75	.10	12				
12-20-71		6.8	3	80	.05	41				
01-20-72		7.2	-	80	.05	47				
02-11-72		7.0	-	80	.05	48				
03-15-72		6.8	3	80	.05	50				
04-03-72		7.0	-	60	.05	11				
04-17-72		7.0	-	50	.05	5				
05-04-72		6.8	3	40	.05	14				

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 36

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Allegheny River Upstream from Mouth of Scrubgrass
Creek

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄		
11-20-70		7.0	-	50	.10	-						
12-17-71		6.8	3	40	.05	10						
01-04-71		6.7	3	40	.05	8						
02-05-71		6.9	-	50	.05	10						
02-17-71		7.1	-	50	.10	14						
02-22-71		6.8	-	40	.10	12						
03-03-71		7.0	-	30	.05	23						
03-09-71		6.9	-	20	.05	22						
03-18-71		7.0	-	20	.05	16						
03-25-71		6.8	3	40	.05	10						
04-01-71		6.7	3	40	.05	12						
04-07-71		6.7	3	30	.05	8						
04-12-71		7.0	-	50	.05	3						
04-19-71		7.0	-	50	.05	3						
04-26-71		7.0	-	50	.05	6						
05-03-71		7.0	-	60	.05	10						
05-10-71		6.9	-	70	.05	14						
05-17-71		7.1	-	80	.05	12						
05-24-71		7.0	-	60	.05	8						
06-01-71		7.1	-	50	.05	6						
06-07-71		7.1	-	50	.05	9						
07-07-71		7.3	-	50	.05	6						

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 37

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Scrubgrass Creek, 1000' upstream from junction with Rt. 308

DATE	GPM	PH	PPM					PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
11-20-70		6.2	30	100	1.50	125						
12-17-70		6.0	30	80	1.50	20						
01-04-71		6.2	50	70	1.90	22						
02-05-71		6.2	15	70	1.60	14						
02-17-71		6.6	20	90	5.40	15						
02-22-71		6.8	10	95	5.60	9						
03-03-71		6.6	10	70	2.10	12						
03-09-71		6.7	10	70	1.40	15						
03-18-71	96	6.4	10	70	3.20	8						
03-25-71	38	6.3	10	70	1.20	20	12	81	3.7	16	9.2	
04-01-71	45	6.1	10	70	1.20	20	4.5	32	.5	11	9.1	
04-07-71	53	6.1	10	70	6.20	14	5.4	38	.6	45	11	
04-12-71	62	6.3	10	70	3.00	22	6.4	45	3.9	52	8.9	
04-19-71	53	6.2	10	80	2.70	24	7.4	52	2.2	51	16	
04-26-71	53	6.3	10	90	6.90	22	6.4	57	1.7	57	15	
05-03-71	45	6.3	10	30	5.40	30	6.4	16	4.4	16	14	
05-10-71	53	6.0	10	20	3.60	20	5.4	13	2.9	13	16	
05-17-71	53	6.2	10	20	2.50	30	6.4	13	2.3	13	13	
05-24-71	53	6.2	7	20	.50	20	4.5	13	1.6	13	19	
06-01-71	53	6.3	7	100	2.30	22	4.5	64	.3	64	14	
06-07-71	45	6.4	40	80	1.50	30	22	43	1.5	43	16	
07-07-71	45	6.3	40	70	1.30	25	22	38	.7	38	14	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 37 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Scrubgrass Creek, 1000' upstream from junction
with Rt. 308

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
08-09-71	45	6.5	60	110	1.70	22	32	59	.9	12
08-16-71	45	6.6	70	120	1.90	24	38	65	1	13
08-23-71	45	6.8	60	110	1.60	29	32	59	.9	16
09-20-71	53	6.4	60	120	2.10	22	38	76	1.3	14
10-18-71	45	6.3	75	110	2.60	20	41	59	1.4	11
10-26-71	45	6.3	70	100	3.40	24	38	54	1.8	13
11-18-71	53	6.3	80	100	2.80	17	51	64	1.8	11
11-29-71	53	6.4	70	100	1.50	25	45	70	1	16
12-13-71	53	6.3	60	100	3.50	19	38	64	2.2	12
12-20-71	53	6.2	60	110	2.70	20	38	70	1.7	13
01-20-72	53	6.4	70	90	2.6	15	45	57	1.7	9.5
02-11-72	45	6.1	70	80	2.8	17	38	43	1.5	9.1
03-15-72	62	6.1	70	60	3.1	19	52	45	2.3	14
04-03-72	53	6.4	50	110	1.3	12	32	70	.8	7.6
04-17-72	53	6.3	40	100	1.0	13	25	64	.6	8.3
05-04-72	53	6.1	30	90	1.1	17	19	57	.7	11

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 38

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 345, .3 mi. East of junction with Rt. 8

DATE	GPM	PH	ACD	PPM				PPD				
				ALK	FE	SO4	ACD	ALK	FE	SO4		
03-03-71		5.4	10	--	.05	12						
03-09-71		6.0	7	10	.05	16						
03-18-71	86	6.5	7	20	.05	12	7.2	21	.05		12	
03-25-71	20	6.7	3	20	.05	6	.7	4.8	.01		1.4	
04-01-71	25	6.6	5	20	.05	8	6	4.8	.01		1.9	
04-07-71	74	6.7	3	10	.05	6	2.6	8.9	.04		5.3	
04-12-71	4	6.7	3	20	.05	10	.14	.96	--		.5	
04-19-71	2	6.8	3	40	.05	18	.07	.96	--		.4	
04-26-71	1	6.8	3	40	.05	14	.04	.5	--		.17	
05-03-71	2	6.7	3	40	.05	13	.07	.96	--		.31	
06-01-71	23	6.8	3	40	.05	9	.8	11	.01		2.5	
10-18-71												
11-18-71												
01-20-72	205	6.7	3	40	.05	17	7.4	98	.1		42	
02-11-72	190	6.6	5	40	.05	19	11	91	.1		43	
03-15-72	350	6.6	5	40	.05	23	21	170	.2		97	
04-03-72	100	6.5	10	20	.05	6	12	24	.06		7.2	
04-17-72	100	6.4	10	25	.05	7	12	30	.06		8.4	
05-04-72	90	6.2	10	20	.05	6	11	22	.05		6.5	

Sample Not Available - Dry

Sample Not Available - Dry

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 39

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, mi. South of Intersection with Rt. 8

DATE	GPM	PH	PPM										
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-03-71		6.3	7	10	.05	15							
03-09-71		6.6	10	10	.05	20							
03-18-71	76	6.7	10	10	.05	16		9.1	9.1	.05	15		
03-25-71	58	6.5	5	10	.05	22		3.5	6.9	.03	15		
04-01-71	56	6.5	5	10	.05	13		3.4	6.7	.03	8.7		
04-07-71	52	6.4	7	20	.05	7		4.4	12	.03	4.4		
04-12-71	52	6.7	3	20	.05	14		1.9	12	.03	15		
04-19-71	46	6.6	5	20	.05	24		2.7	11	.03	13		
04-26-71		Sample Not Available - Dry											
06-01-71		Sample Not Available - Dry											
10-18-71		Sample Not Available - Dry											
11-18-71		Sample Not Available - Dry											
01-20-72	38	6.7	3	30	.05	6		1.4	14	.02	2.7		
02-11-72	35	6.5	5	30	.05	8		2.1	13	.02	3.4		
03-15-72	56	6.4	5	30	.05	10		3.4	20	.03	6.7		
04-03-72	20	6.7	3	10	.05	16		.7	2.4	.01	3.8		
04-17-72	19	6.4	5	10	.05	18		1.1	2.3	.01	4.1		
05-04-72		Sample Not Available - Dry											

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 40

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, .8 mi. south of junction with Rt. 8

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-03-71		4.0	90	--	.30	400						
03-09-71		4.1	80	--	.40	435						
03-18-71	380	4.0	90	--	.20	380					.9	1730
03-25-71	290	3.9	60	--	.40	410					1.4	1430
04-01-71	280	3.7	50	--	.10	310					.3	1040
04-07-71	260	3.6	50	--	.25	324					.8	1010
04-12-71	260	3.6	60	--	.10	320					.3	1000
04-19-71	230	3.9	60	--	.10	300					.3	830
04-26-71	230	3.7	70	--	.30	325					.8	900
05-03-71	230	4.4	60	--	.10	300					.3	830
05-10-71	250	5.2	50	--	.10	240					.3	720
05-17-71	230	4.8	60	--	.05	265					.1	730
05-24-71	220	4.7	60	--	.10	290					.3	765
06-01-71	210	4.7	40	--	.10	310					.3	780
06-07-71	200	4.6	40	--	.10	340					.2	820
07-07-71	220	5.4	30	--	.20	260					.5	690
08-09-71	170	6.0	40	--	.20	310					.4	630
08-16-71	170	5.9	40	--	.30	315					.6	640
08-23-71	210	4.7	40	--	.30	310					.8	780
09-20-71	190	4.7	70	--	.40	210					.9	480
10-18-71	51	4.5	70	--	.10	200					.1	120
10-26-71	57	3.8	110	--	.20	440					.1	300
11-18-71	54	3.9	100	--	.30	260					.2	170
11-29-71	100	5.5	90	--	.30	160					.4	190

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 40 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, .8 mi. south of junction with Rt. 8

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
12-13-71	150	5.1	120	--	.40	430	220	--	.7	770
12-20-71	230	4.8	120	--	.40	340	330	--	1.1	940
01-20-72	190	4.1	90	--	.4	255	205	--	.9	580
02-11-72	178	4.0	90	--	.5	265	190	--	1.1	570
03-15-72	280	3.7	100	--	.6	280	340	--	2	940
04-03-72	100	4.0	100	--	.3	320	120	--	.4	380
04-17-72	97	4.1	90	--	.3	300	100	--	.4	350
05-04-72	90	3.9	100	--	.1	290	110	--	.1	310

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 41

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, 1.1 mi. South of Intersection with Rt. 8

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-03-71		3.1	20	--	.55	37							
03-09-71		4.5	20	--	.40	45							
03-18-71	35	5.3	20	--	.30	27			8.4		.1		10
03-25-71	38	4.8	20	--	.30	36			9.1		.1		20
04-01-71	34	5.1	10	--	.20	34			4.1		.1		10
04-07-71	--	5.1	10	--	.30	26			--		--		--
04-12-71	29	5.6	10	--	.20	34			3.5		.1		10
04-19-71	28	4.8	20	--	.20	30			6.7		.1		10
04-26-71	30	5.8	20	--	.30	20			7.2		.1		10
05-03-71	31	5.8	20	--	.10	32			7.4		.1		10
05-10-71	33	6.0	20	--	.15	33			7.9		.1		10
05-17-71	30	5.9	20	--	.05	41			7.2		.1		15
05-24-71	27	6.1	20	--	.05	26			6.5		.1		10
06-01-71	20	6.0	20	--	.10	22			4.8		.1		5
06-07-71	22	6.4	10	5	.10	25			2.6	1.3	.1		10
07-07-71	2	6.8	3	10	.05	8			.1	.2	.1		1
08-09-71	1	6.8	3	20	.05	6			.1	.2	.1		1
08-16-71	3	6.8	3	20	.05	7			.1	.7	.1		1
08-23-71	4	7.0	--	20	.05	14			--	1	.1		1
09-20-71	11	7.2	--	40	.05	2			--	5.3	.1		1
10-18-71	6	7.2	--	40	.10	3			--	2.9	.1		1
10-26-71	6	6.3	10	--	.30	2			.7	--	.1		1

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 41 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I.R. 60003, 1.1 mi. South of Intersection with Rt. 8

DATE	GPM	pH	ACD	PPM			
				ALK	FE	SO4	SO4
11-18-71	6	6.8	3	7	.10	2	.1
11-29-71	35	6.8	3	7	.10	4	.1
12-13-71	25	6.8	3	10	.20	22	.1
12-20-71	22	6.4	10	5	.20	20	.1
01-20-72	23	6.9	--	20	.05	2	.1
02-11-72	21	6.8	3	20	.05	4	.1
03-15-72	34	6.2	10	--	.05	7	.1
04-03-72	12	4.2	20	--	.2	21	.1
04-17-72	11.6	4.0	20	--	.2	23	.1
05-04-72	11	3.9	20	--	.15	26	.1

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 42

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, 1.8 mi. South of Intersection with Rt. 8

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-03-71		5.2	20	15	.30	26						
03-09-71		5.7	15	10	.40	31						
03-18-71	670	6.2	7	10	.20	24			60	80	1.6	190
03-25-71	450	6.4	7	10	.30	28			40	50	1.6	150
04-01-71	470	6.5	5	10	.20	30			30	60	1.1	170
04-07-71	430	6.5	5	10	.40	22			30	50	2.1	110
04-12-71	370	6.5	5	10	.30	40			20	40	1.2	180
04-19-71	320	6.5	5	10	.20	36			20	40	.8	140
04-26-71	330	6.6	5	10	.40	24			20	40	1.6	95
05-03-71	300	6.5	5	10	.20	33			20	40	.7	120
05-10-71	520	6.7	3	20	.05	22			20	120	.3	140
05-17-71	400	6.8	3	20	.05	29			10	100	.2	140
05-24-71	330	6.7	3	20	.05	32			10	80	.2	130
06-01-71	260	6.8	3	20	.05	27			9.4	60	.2	80
06-07-71	320	6.9	--	20	.05	29			--	80	.2	110
07-07-71												
08-09-71												
08-16-71												
08-23-71												
09-20-71	80	7.2	--	110	.05	58			--	105	.1	60
10-18-71												
10-26-71												
11-18-71												
11-29-71	420	6.8	3	20	.10	16			15	100	.5	80

ACID MINE DRAINAGE PROJECT SAMPLING STATION NO. 42 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED LOCATION: L.R. 60003, 1.8 mi. South of Intersection with Rt. 8

DATE	GPM	pH	PPM							
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
12-13-71	420	6.7	3	10	.25	20	15	50	1.3	100
12-20-71	370	6.5	10	10	.40	17	40	40	1.8	75
01-20-72	300	6.7	3	10	.50	18	10	40	1.8	65
02-11-72	280	6.6	5	10	.50	21	20	30	1.7	70
03-15-72	440	6.0	10	7	.50	28	50	40	2.6	150
04-03-72	160	5.3	10	--	.05	24	20	--	.1	50
04-17-72	150	5.0	10	--	.05	28	20	--	.1	50
05-04-72	140	4.8	10	--	.05	30	20	--	.1	50

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 43

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, 2.5 mi. South of Intersection with Rt. 8

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-03-71		4.2	40	-	.35	140							
03-09-71		4.7	30	-	.35	151							
03-18-71	3053	5.3	30	-	.30	129					11		4730
03-25-71	1437	4.9	30	-	.20	141					3.5		2430
04-01-71	898	4.1	30	-	.30	100					3.2		1080
04-07-71	494	3.9	30	-	.60	90					3.5		530
04-12-71	364	3.6	40	-	.50	160					2.2		700
04-19-71	283	3.9	40	-	.40	142					1.4		480
04-26-71	211	4.1	40	-	.70	140					1.7		350
05-03-71	211	4.4	40	-	.50	100					1.3		250
05-10-71	1010	5.6	30	-	.30	54					3.6		650
05-17-71	561	6.0	20	-	.20	67					1.3		450
05-24-71	211	4.9	30	-	.10	130					.25		330
06-01-71	54	5.3	20	-	.10	140					.06		90
06-07-71	90	5.7	30	-	.15	150					.16		160
07-07-71	14.4	6.1	30	-	.10	50				5.2	.02		9
08-09-71	14.4	6.9	-	30	.05	38				-	-	5.2	6.6
08-16-71	14.4	7.0	-	30	.05	41				-	-	5.2	7
08-23-71	90	6.8	3	30	.05	46				3.2	.05	32	50
09-20-71	144	6.9	-	20	.05	36				-	.09	35	62
10-18-71	11.7	6.9	-	10	.10	39				-	.01	1.4	5.5
10-26-71	11.7	6.1	10	-	.10	34				1.4	.01	-	4.8
11-18-71	11.7	6.6	10	-	.10	35				1.4	.01	-	4.9
11-29-71	1791	6.7	5	10	.05	38				110	1.1	215	820

ACID MINE DRAINAGE PROJECT
 BIG SCRUBGRASS CREEK WATERSHED

SAMPLING STATION NO. 43 (Cont'd.)

LOCATION: L.R. 60003, 2.5 mi. South of Intersection with Rt. 8

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
12-13-71	2146	6.7	5	10	.60	130	260	15	3350	
12-20-71	2860	6.1	10	-	.60	340	-	20	4460	
01-20-72	763	6.3	10	-	.20	90	-	1.8	300	
02-11-72	723	6.1	10	-	.30	85	-	2.6	310	
03-15-72	1306	5.8	20	-	.45	310	-	7.0	670	
04-03-72	980	3.9	70	-	.30	820	-	3.5	1060	
04-17-72	900	4.0	60	-	.30	650	-	3.2	1030	
05-04-72	860	3.9	70	-	.30	720	-	3.1	930	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 44

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, 500' South of Intersection with Rt. 208

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-03-71		4.3	55	-	.20	120						
03-09-71		4.8	20	-	.30	130						
03-18-71	530	4.8	20	-	.40	118					2.5	750
03-25-71	230	3.9	40	-	.20	134					.6	370
04-01-71	185	3.7	40	-	.50	120					1.1	270
04-07-71	140	3.8	40	-	.70	128					1.2	215
04-12-71	110	3.4	50	-	.90	120					1.2	160
04-19-71	105	3.8	50	-	.70	110					.9	140
04-26-71	85	3.7	40	-	.90	120					.9	120
05-03-71	105	4.5	40	-	.70	90					.9	110
05-10-71	140	5.8	20	-	.40	83					.7	140
05-17-71	125	5.8	20	-	.20	96					.3	144
05-24-71	110	6.0	20	-	.40	70					.5	92
06-01-71	15	6.2	20	-	.30	65					3.6	12
06-07-71	95	3.6	40	-	.40	71					.5	81
07-07-71		Sample	Not	Available	-	Dry						
08-09-71		"	"	"	"	"						
08-16-71		"	"	"	"	"						
08-23-71	110	6.8	3	20	.40	74				3.9	.5	98
09-20-71	110	4.1	80	-	.90	61				105	1.2	81
10-18-71	15	4.0	90	-	.40	69				16	.1	12
10-26-71	15	6.4	10	10	.30	82				1.8	.1	15
11-18-71	15	4.9	60	-	.50	73				11	.1	13
11-29-71	390	4.2	40	-	.80	110				190	3.7	510

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 44 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60003, 500' South of Intersection with Rt. 208

DATE	GPM	PH	PPM							
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄
12-13-71	310	4.7	40	--	.40	60	150	--	1.5	220
12-20-71	370	4.7	40	--	.60	82	180	--	2.6	360
01-20-72	390	5.9	10	--	.50	72	47	--	2.3	340
02-11-72	370	5.6	20	--	.65	77	89	--	2.8	340
03-15-72	430	4.9	30	--	.70	86	155	--	3.6	440
04-03-72	60	4.	90	--	.5	100	65	--	.4	72
04-17-72	40	3.9	90	--	.4	110	43	--	.2	53
05-04-72	40	3.6	90	--	.6	115	43	--	.3	55

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 45

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 308, .4 mi. south of intersection with L.R. 60011

DATE	GPM	pH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-03-71		4.0	250		5.80	700							
03-09-71		2.4	220		1.70	725							
03-18-71	2065	2.8	220		1.50	600		5450		37		14,870	
03-25-71	1706	2.9	210		1.80	690		4300		37		14,130	
04-01-71	875	2.8	190		1.30	540		2000		13		5,670	
04-07-71	710	3.0	220		3.70	590		1870		31.5		5,020	
04-12-71	565	2.6	220		3.60	640		1490		24		4,340	
04-19-71	565	2.7	200		5.00	600		1360		34		4,070	
04-26-71	503	2.7	210		7.10	440		1270		45		2,655	
05-03-71	471	2.6	240		4.10	520		1360		23		2,940	
05-10-71	988	2.8	230		1.50	360		2730		18		4,270	
05-17-71	565	2.6	240		1.90	400		1640		13		2,715	
05-24-71	426	2.6	180		3.70	420		920		19		2,150	
06-01-71	350	2.6	170		4.50	400		710		19		1,680	
06-07-71	426	2.5	190		3.30	600		970		17		3,070	
07-07-71	76	2.9	190		8.40	300		170		7.7		275	
08-09-71	72	2.8	150		7.50	410		130		6.5		350	
08-16-71	72	2.7	170		7.90	425		150		7		370	
08-23-71	108	2.8	170		6.50	410		220		8.4		530	
09-20-71	99	2.9	230		6.70	540		270		8		640	
10-18-71	16	2.6	250		6.40	510		50		1.2		100	
10-26-71	23	2.4	240		6.70	420		70		1.9		120	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 45 (Cont'd.)

BIG SCRUEGRASS CREEK WATERSHED

LOCATION: Rt. 308, .4 mi. south of Intersection with LR 60011

DATE	GPM	PH	PPM								
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
11-18-71	23	2.5	250		6.40	500	70		1.8		140
11-29-71	602	3.5	220		1.40	375	1590		10.0		2,710
12-13-71	813	3.5	380		9.00	1000	3700		88		9,750
12-20-71	1145	3.5	400		6.00	770	5600		82		10,580
01-20-72	420	3.4	260		5.5	660	1320		28		3,340
02-11-72	395	3.3	280		5.7	665	1330		27		3,150
03-15-72	720	2.6	310		6.0	775	2670		52		6,680
04-03-72	120	4.1	230		1.1	600	340		1.6		890
04-17-72	110	4.0	240		1.2	585	310		1.6		760
05-04-72	90	3.8	240		1.35	600	260		1.5		650
06-23-72		3.3	100		.75	148					
07-20-72		3.825	220		3.4	1025					

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 46

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 349, .25 mi. East of Intersection with Rt. 308

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-03-71		3.9	140	--	.60	260						
03-09-71		4.5	130	--	.80	271						
03-18-71	52	4.1	130	--	.90	195	81	--		.6	120	
03-25-71	90	3.7	150	--	1.00	220	160	--		1.1	240	
04-01-71	15	3.1	120	--	.90	290	22	--		.2	52	
04-07-71	8	3.0	160	--	1.20	320	15	--		.1	31	
04-12-71	8	3.0	170	--	1.40	320	16	--		.1	31	
04-19-71	5	2.9	160	--	1.20	295	9.6	--		.1	18	
04-26-71	5	3.0	160	--	1.70	275	9.6	--		.1	17	
05-03-71	5	3.1	170	--	.65	320	10	--		.04	19	
05-10-71	8	3.2	170	--	.80	230	16	--		.08	22	
05-17-71	2	3.0	180	--	.90	245	4.3	--		.02	5.8	
05-24-71	5	3.0	150	--	.85	245	9	--		.05	15	
06-01-71	15	3.2	100	--	.50	225	18	--		.09	41	
06-07-71	2	3.2	130	--	1.20	240	3.1	--		.03	5.7	
07-07-71	5	3.5	120	--	.90	190	7.2	--		.05	11	
08-09-71		Sample Not Available - Dry										
08-16-71		" "										
08-23-71		" "										
09-20-71	5	3.5	100	--	.80	145	6	--		.05	8.7	
10-18-71		Sample Not Available - Dry										
10-26-71		" "										
11-18-71		Sample Not Available - Dry										
11-29-71	8	3.8	40	--	.30	210	3.8	--		.03	20	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 46 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 349, .25 mi. East of Intersection with Rt. 308

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
12-13-71	52	3.9	60	--	.40	130	37	--	.2	81
12-20-71	20	4.2	50	--	.70	310	12	--	.2	74
01-20-72	46	4.6	50	--	.60	300	27	--	.3	165
02-11-72	43	3.8	50	--	.75	365	26	--	.4	190
03-15-72	78	3.8	70	--	.75	365	65	--	.7	340
04-03-72	19	4.1	200	--	.5	280	46	--	.1	64
04-17-72	17	4.4	210	--	.5	275	43	--	.1	56
05-04-72	16	3.7	200	--	.6	290	38	--	.1	56