

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 47

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 349, .30 mi. East of Intersection with Rt. 308

DATE	GPM	PH	PPM				PPD							
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4				
03-09-71		5.3	10	--	.30	40								
03-18-71	61	5.0	10	--	.30	24						.2	18	
03-25-71	55	5.6	10	--	.20	19						.1	13	
04-01-71	53	5.8	10	--	.40	44						.3	28	
04-07-71	43	5.7	10	--	.40	41						.2	21	
04-12-71	38	5.9	10	--	.20	44						.1	20	
04-19-71	36	5.7	10	--	.20	42						.1	18	
04-26-71	33	5.8	10	--	.20	35						.08	14	
05-03-71	29	5.6	20	--	.20	40						.07	14	
05-10-71	55	5.6	20	--	.10	31						.06	20	
05-17-71	30	5.9	20	--	.10	36						.04	13	
05-24-71	23	6.1	10	--	.20	40						.05	11	
06-01-71	17	6.0	10	--	.20	33						.04	6.7	
06-07-71	20	6.3	10	--	.10	42						.02	10	
07-07-71	22	6.6	5	10	.10	31						.02	8.2	
08-09-71		Sample Not Available - Dry												
08-16-71		" "	" "	" "	" "									
08-23-71		" "	" "	" "	" "									
09-20-71	6	6.8	3	10	.20	48						.2	.7	3.5
10-18-71		Sample Not Available - Dry												
10-26-71		" "	" "	" "	" "									
11-18-71		Sample Not Available - Dry												
11-29-71	10	6.4	5	3	.10	30						.6	.4	3.6

ACID MINE DRAINAGE PROJECT SAMPLING STATION NO. 47 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED LOCATION: T.R. 349, .30 mi. East of Intersection with Rt. 308

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
12-13-71	42	6.5	5	3	.15	34	2.5	1.5	.08	17
12-20-71	33	6.1	10	3	.50	45	3.9	1.1	.2	18
01-20-72	53	6.4	5	10	.50	42	3.1	6.3	.3	27
02-11-72	50	6.1	7	10	.50	46	4.2	6	.3	28
03-15-72	91	5.7	10	--	.60	52	11	--	.7	57
04-03-72	22	4.3	40	--	.05	31	11	--	.01	8.2
04-17-72	20	4.4	30	--	.05	34	7.2	--	.01	8.1
05-04-72	18	4.3	25	--	.05	30	5.4	--	.01	6.5

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 48

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 208, .7 mi. West of Intersection with Rt. 308

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-09-71		6.7	3	10	.05	44							
03-18-71	6400	6.5	5	20	.10	28	380	1540	7.7	2150			
03-25-71	7400	6.4	5	20	.10	22	444	1780	8.9	1950			
04-01-71	7300	6.5	5	30	.10	50	440	2630	8.7	4380			
04-07-71	4800	6.9	--	40	.05	43	--	2300	2.9	2480			
04-12-71	4500	6.8	3	40	.05	60	162	2160	2.7	3240			
04-19-71	4300	6.6	5	40	.05	56	260	2060	2.6	2890			
04-25-71	3900	6.7	3	50	.05	45	140	2340	2.3	2110			
05-03-71	3700	6.7	3	50	.05	55	130	2220	2.2	2440			
06-01-71	3500	6.6	5	50	.05	54	210	2100	2.1	2270			
10-18-71	1600	6.7	3	60	.05	59	58	1150	1	1130			
11-18-71	1700	6.8	3	70	.05	61	61	1430	1	1240			
01-20-72	4100	7.1	--	80	.05	53	--	3940	2.5	2610			
02-11-72	3800	6.9	--	80	.05	56	--	3650	2.3	2550			
03-15-72	6900	6.6	5	60	.05	60	410	4970	4.1	4970			
04-03-72	5200	6.9	--	40	.05	38	--	2500	3.1	2370			
04-17-72	4800	6.8	3	40	.05	42	170	2300	2.9	2420			
05-04-72	4600	6.6	5	30	.05	46	280	1660	2.8	2540			

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 49

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 371, .9 mi. East of Intersection with Rt. 8

DATE	GPM	pH	PPM					PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-09-71		6.4	5	20	.10	5							
03-18-71	31	6.3	7	10	.30	4	2.6	3.7	.1	1.5			
03-25-71	28	6.1	7	20	.30	4	2.4	6.7	.1	1.3			
04-01-71	34	6.4	5	20	.30	12	2	8.2	.1	4.9			
04-07-71	29	7.0	--	20	.10	7	--	7	.03	2.4			
04-12-71	26	6.8	3	10	.05	5	.9	3.1	.02	1.6			
04-19-71	24	6.8	3	10	.05	2	.8	2.9	.01	.6			
04-26-71	25	6.9	--	20	.05	2	--	6	.02	.6			
05-03-71	25	6.9	--	30	.05	2	--	9	.02	.6			
06-01-71	21	6.8	3	20	.05	2	.8	5	.01	.5			
10-18-71	22	6.9	--	30	.05	4	--	7.9	.01	1.1			
11-18-71	22	6.8	--	30	.05	3	--	7.9	.01	.8			
01-20-72	26	7.0	--	40	.05	3	--	12	.02	.9			
02-11-72	37	6.9	3	40	.05	5	1.3	18	.02	2.2			
03-15-72	52	6.8	2	40	.05	7	1.9	25	.03	4.4			
04-03-72	37	6.3	10	7	.05	4	4.4	3.1	.02	1.8			
04-17-72	36	6.1	10	5	.05	3	4.3	2.2	.02	1.3			
05-04-72	35	5.6	10	5	.05	2	4.2	2.1	.02	.8			

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 50

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 325, .7 mi. East of Intersection with
L.R. 60003

DATE	GPM	PH	PPM				PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
03-09-71		6.1	10	10	.60	120					
03-18-71	131	6.3	10	10	2.00	95	16	16	3.1	150	
03-25-71	102	6.3	30	20	1.80	90	37	24	2.2	110	
04-01-71	94	6.0	30	10	2.40	170	34	11	2.7	190	
04-07-71	91	6.6	40	10	3.60	165	44	11	3.9	180	
04-12-71	88	6.0	60	3	16.00	190	63	3.1	17	200	
04-19-71	83	5.9	60	--	10.50	130	60	--	10	130	
04-26-71	88	6.0	60	3	12.50	110	63	3.2	13	120	
05-03-71	91	6.1	40	3	5.30	90	44	3.3	5.8	100	
05-10-71	107	5.8	50	--	3.90	88	64	--	5.0	110	
05-17-71	105	6.1	40	--	6.00	95	50	--	7.5	120	
05-24-71	97	6.3	30	10	3.30	100	35	12	3.8	120	
06-01-71	82	6.2	30	10	1.90	95	30	9.8	1.9	93	
06-07-71	91	6.4	10	20	.10	110	11	22	.1	120	
07-07-71			Sample Not Available - Dry								
08-09-71			Sample Not Available - Dry								
08-16-71		"	"	"	"	"					
08-23-71		"	"	"	"	"					
09-20-71			Sample Not Available - Dry								
10-18-71			Sample Not Available - Dry								
10-26-71		"	"	"	"	"					

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 51

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 308, 1mi. north of Intersection with Rt. 208

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
03-09-71		6.6	5	20	.05	12	1.4	5.8	.03	2.0
03-18-71	24	6.6	5	20	.10	7	1.7	10	.02	2.0
03-25-71	28	6.6	5	30	.05	6				
04-01-71	27	6.5	5	20	.10	15	1.6	6.5	.03	4.9
04-07-71	18	6.5	5	10	.10	11	1.1	2.2	.02	2.4
04-12-71	17	6.7	3	10	.10	6	.6	2	.02	1.2
04-19-71	16	6.8	3	20	.05	9	.6	3.8	--	1.7
04-26-71	15	6.8	3	20	.05	5	.5	3.6	--	.9
05-03-71	14	6.9	--	30	.05	7	--	5	--	1.2
06-01-71	40	6.7	3	3	.05	7	1.4	4.8	.02	3.4
10-18-71	35	6.7	3	20	.05	8	1.3	8.4	.02	3.4
11-18-71	35	6.7	3	20	.05	9	1.3	8.4	.02	3.8
01-20-72	15	6.9	3	20	.05	8	.5	3.6	--	1.4
02-11-72	14	6.7	3	20	.05	13	.5	3.4	--	2.2
03-15-72	26	6.6	5	20	.05	15	1.6	6.2	.02	4.7
04-03-72	20	6.3	10	10	.05	8	2.4	2.4	.01	1.9
04-17-72	18	6.0	10	10	.05	9	2.1	2.1	.01	1.9
05-04-72	17	5.9	10	10	.05	7	2.0	2.0	.01	1.4

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 52

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Tributary into Scrubgrass Creek, 500' Upstream
From Intersection with Rt. 308

DATE	GPM	PH	PPM						PPD								
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4							
03-09-71		6.2	7	10	.05	13											
03-18-71	60	6.5	5	20	.05	6		3.6	14	.04							4.3
03-25-71	49	6.7	3	20	.05	6		1.8	12	.03							3.5
04-01-71	43	6.6	5	10	.10	16		2.6	5.1	.05							8.3
04-07-71	33	6.7	3	20	.05	15		1.2	7.9	.02							5.9
04-12-71	28	6.8	3	20	.10	22		1.2	7.9	.04							7.4
04-19-71	31	6.7	3	30	.05	16		1.1	11	.02							5.9
04-26-71	31	6.6	5	20	.05	10		1.9	7.4	.02							3.7
05-03-71	33	6.7	3	20	.05	19		1.2	7.9	.02							7.5
06-01-71	33	6.6	5	30	.05	15		2	12	.02							5.9
10-18-71	21	6.7	3	30	.05	19		.8	7.6	.01							4.8
11-18-71	25	6.7	3	30	.05	17		.9	9	.02							5.1
01-20-72	30	6.9	--	30	.05	14		--	11	.02							5.0
02-11-72	28	6.9	--	30	.05	15		--	10	.02							5.0
03-15-72	52	6.8	3	30	.05	16		1.9	19	.03							10
04-03-72	40	6.9	--	40	.05	6		--	19	.02							2.8
04-17-72	36	6.7	3	40	.05	8		1.3	17	.02							3.5
05-04-72	34	6.6	5	40	.05	9		2	16	.02							3.7

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 53

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: 8" Well Casing Discharge, Scrubgrass Creek,
1500' Upstream from junction with Rt. 308

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-09-71		6.7	5	60	.90	35							
03-18-71	75	6.3	10	50	3.10	23					2.8		21
03-25-71	55	6.1	20	70	2.90	24					1.9		16
04-01-71	52	6.1	10	80	1.70	36			6.2				22
04-07-71	44	6.2	20	70	2.40	25			11				13
04-12-71	38	6.2	40	60	1.10	32			18				15
04-19-71	52	6.1	40	75	1.00	34			25				21
04-26-71	52	6.3	40	80	5.30	30			25				19
05-03-71	59	6.2	40	70	4.10	34			28				24
05-10-71	67	6.0	40	60	1.70	33			32				27
05-17-71	35	6.2	40	60	1.00	40			17				17
05-24-71	35	6.4	30	80	.90	52			13				22
06-01-71	52	6.2	30	70	.80	46			19				29
06-07-71	35	6.1	20	70	.30	54			8.4				23
07-07-71	24	6.2	20	70	.40	51			5.7				15
08-09-71	52	6.3	40	70	.60	32			25				20
08-16-71	67	6.2	40	80	.70	35			32				28
08-23-71	62	6.7	20	80	.60	42			15				31
09-21-71	52	6.8	10	90	.80	26			6.2				16
10-18-71	52	6.8	10	100	.60	28			6.2				17
10-26-71	67	6.3	30	90	.80	22			24				18

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 53 (cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: 8" Well Casing Discharge, Scrubgrass Creek,
1500' Upstream from junction with Rt. 308

DATE	GPM	PH	PPM							
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
11-18-71	59	6.6	20	85	.70	26	14	60	.5	18
11-29-71	70	6.5	30	80	.70	20	25	67	.6	17
12-13-71	59	6.6	30	90	3.50	30	21	64	2.5	21
12-20-71	59	6.5	30	90	2.60	34	21	64	1.8	24
01-20-72	62	6.8	20	90	.90	22	15	67	.7	16
02-11-72	59	6.7	30	90	1.20	26	21	64	.8	18
03-15-72	70	6.5	40	90	1.70	29	34	76	1.4	24
04-03-72	55	6.5	10	90	1.00	17	6.6	59	.7	11
04-17-72	52	6.4	10	90	1.20	19	6.2	56	.7	12
05-04-72	44	6.1	20	80	1.40	20	11	42	.7	11

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 54

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Tributary into South Branch Scrubbgrass Creek
.6 mi. north of Rt. 208

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-09-71		7.3	--	50	1.20	24						
03-18-71	80	6.7	3	50	.60	19	2.8	48	.6	18		
03-25-71	64	6.5	5	50	.50	22	3.8	38	.4	17		
04-01-71	35	6.4	5	50	.20	30	2.1	21	.08	13		
04-07-71	35	6.5	5	60	.20	31	2.1	25	.08	13		
04-12-71	38	6.6	5	60	.10	25	2.3	27	.05	11		
04-19-71	38	6.6	5	70	.10	25	2.3	32	.05	11		
04-26-71	38	6.6	5	70	.05	20	2.3	32	.02	9		
05-03-71	38	6.7	3	70	.05	29	1.4	32	.02	13		
06-01-71	45	6.6	5	60	.05	26	2.7	32	.03	14		
10-18-71	27	6.5	5	60	.05	22	1.6	19	.02	7.1		
11-18-71	30	6.6	5	60	.05	24	1.8	22	.02	8.6		
01-20-72	32	6.7	3	70	.05	26	1.2	27	.02	9.9		
02-11-72	32	6.6	5	60	.05	29	1.9	23	.02	9.2		
03-15-72	45	6.6	5	60	.05	27	2.7	32	.03	15		
04-03-72	38	6.6	20	80	.05	18	9.1	36	.02	8.2		
04-17-72	35	6.4	20	80	.05	20	8.4	34	.02	8.4		
05-04-72	32	6.3	20	80	.05	18	7.7	31	.02	6.9		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 55

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 402, .5 mi. South of Intersection with
L.R. 60007

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-09-71		7.2	--	20	.05	16						
03-18-71	790	7.0	--	30	.05	11		280	.5		100	
03-25-71	740	6.8	--	20	.05	11		180	.4		98	
04-01-71	730	6.7	3	10	.05	24		88	.4		210	
04-07-71	610	6.8	3	10	.05	19		73	.4		140	
04-12-71	560	6.7	3	10	.05	14		67	.3		94	
04-19-71	520	6.7	3	10	.05	14		62	.3		87	
04-26-71	490	7.0	--	25	.05	6		150	.3		35	
05-03-71	460	7.0	--	40	.05	17		220	.3		94	
06-01-71	450	6.9	--	10	.05	11		54	.3		59	
10-18-71	390	6.8	3	10	.05	8		47	.2		37	
11-18-71	390	6.7	3	10	.05	6		47	.2		28	
01-20-72	500	6.8	3	20	.05	5		120	.3		30	
02-11-72	480	6.9	--	20	.05	6		115	.3		35	
03-15-72	860	6.8	--	20	.05	7		210	.5		72	
04-03-72	530	6.4	10	10	.05	9		64	.3		57	
04-17-72	500	6.3	7	10	.05	10		60	.3		60	
05-04-72	510	6.1	7	5	.05	7		31	.3		43	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 56

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60011, 500' downstream from Intersection
with I.R. 60055

PPM

PPD

DATE	GPM	PH	PPM				PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
03-09-71		7.0	--	20	.05	12	--				
03-18-71	170	6.8	--	20	.05	8	--	41	.1	16	
03-25-71	140	6.7	3	20	.05	7	5	34	.08	12	
04-01-71	180	6.6	3	20	.05	16	6.5	43	.1	35	
04-07-71	100	6.7	3	20	.05	4	3.6	24	.06	4.8	
04-12-71	80	6.9	--	10	.05	6	--	9.6	.05	5.8	
04-19-71	80	6.9	--	10	.05	14	--	9.6	.05	13	
04-26-71	70	7.0	--	20	.05	8	--	17	.04	6.7	
05-03-71	70	7.0	--	3-	.05	12	--	25	.04	10	
06-01-71	50	7.0	--	2-	.05	9	--	12	.03	5.4	
10-18-71	40	7.0	--	3-	.05	7	--	14	.02	3.4	
11-18-71	20	6.9	--	30	.05	6	--	7.2	.01	1.4	
01-20-72	140	7.0	--	30	.05	4	--	50	.08	6.7	
02-11-72	140	6.9	--	30	.05	5	--	50	.08	8.4	
03-15-72	240	6.8	--	30	.05	6	--	86	.1	17	
04-03-72	60	6.6	3	20	.05	8	2.1	14	.04	5.8	
04-17-72	50	6.5	3	20	.05	8	1.8	12	.03	4.8	
05-04-72	50	6.1	5	7	.05	7	3	4.2	.03	4.2	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 57

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 308, .5 mi. South of the Venango-Butler County Line

DATE	GPM	PH	PPM										
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-09-71		6.9	--	10	.05	64							
03-18-71	200	6.6	5	10	.20	53	12	24	.5		130		
03-25-71	129	6.5	5	10	.30	55	7.7	15	.5		85		
04-01-71	108	6.4	5	20	.10	74	6.5	26	.1		96		
04-07-71	81	6.5	5	30	.05	51	4.9	29	.05		50		
04-12-71	75	6.7	3	60	.05	72	2.7	54	.05		65		
04-19-71	70	6.7	3	60	.05	72	2.5	50	.04		60		
04-26-71	70	6.7	3	60	.05	64	2.5	50	.04		54		
05-01-71	70	6.7	3	50	.05	80	2.5	42	.04		67		
06-01-71	48	6.7	3	100	.05	70	1.7	58	.03		40		
10-18-71	38	6.7	3	90	.05	64	1.4	41	.02		29		
11-18-71	41	6.7	3	80	.05	61	1.5	41	.03		31		
01-20-72	108	6.9	--	90	.05	57	--	120	.06		74		
02-11-72	102	6.8	--	90	.05	61	--	110	.06		75		
03-15-72	180	6.7	3	80	.05	67	6.5	170	.1		140		
04-03-72	92	6.6	3	40	.05	80	3.3	44	.05		88		
04-17-72	81	6.4	5	30	.05	83	4.9	29	.05		81		
05-04-72	81	6.4	5	30	.05	89	4.9	29	.05		87		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 58

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 208, .3 mi. East of Intersection with L.R. 60003

DATE	GPM	PH	PPM									
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
03-09-71		7.0	--	7	.05	140						
03-18-71	205	6.7	3	10	.20	119		7.4		.5	290	
03-25-71	85	6.5	20	10	.20	110		20	25	.2	110	
04-01-71	115	5.9	20	--	.20	135		28	--	.3	190	
04-07-71	110	5.2	20	--	.40	100		26	--	.5	130	
04-12-71	100	5.7	20	--	.40	95		24	--	.5	114	
04-19-71	100	5.7	30	--	.20	40		36	--	.2	108	
04-26-71	95	5.5	20	--	.20	90		23	--	.2	100	
05-03-71	100	5.9	30	--	.10	105		36	--	.1	126	
05-10-71	140	5.5	40	--	.10	88		67	--	.2	150	
05-17-71	125	6.0	30	--	.10	100		45	--	.2	150	
05-24-71	135	6.2	20	--	.20	110		32	--	.3	180	
06-01-71	175	6.2	20	3	.20	100		42	6.3	.4	210	
06-07-71	260	6.3	25	3	.05	120		78	9.4	.2	370	
07-07-71	35	6.3	20	3	.15	100		8.4	1.3	.1	42	
08-09-71		Sample Not Available - Dry			"							
08-16-71		"			"							
08-23-71	40	3.8	80	--	.20	95		38	--	.1	46	
09-20-71	10	5.3	50	--	.30	130		6	--	.1	16	
10-18-71	115	5.1	60	--	.20	125		83	--	.3	170	
10-26-71	150	6.3	20	3	.20	100		36	5.4	.4	180	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 58 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 208, .3 mi. East of Intersection with L.R. 60003

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
11-18-71	120	5.8	40	--	.30	100	58	--	.4	144
11-29-71	50	6.4	20	3	.30	90	12	1.8	.2	54
12-13-71	120	6.4	20	3	.10	110	29	4.3	.1	160
12-20-71	115	6.2	20	3	.10	110	28	4.1	.1	150
01-20-72	250	6.0	40	--	.20	92	120	--	.6	280
02-11-72	240	5.7	40	--	.35	100	150	--	1	288
03-15-72	280	5.2	40	--	.40	125	130	--	1.3	420
04-03-72	40	3.9	40	--	.05	120	19	--	.02	58
04-17-72	26	3.8	40	--	.05	125	12	--	.02	39
05-04-72	26	4.1	40	--	.05	170	12	--	.02	41

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 59

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: 8" Well Casing Discharge, Scrubgrass Creek,
1500' Upstream from junction with Rt. 308

DATE	GPM	pH	PPM				SO ₄	SO ₄
			ACD	ALK	FE	ACD		
03-09-71		4.6	120	--	.40	200		
03-18-71	152	3.9	140	--	.60	168	260	1.10
03-25-71	90	3.5	150	--	.75	160	160	.81
04-01-71	278	3.0	150	--	.50	250	500	1.68
04-07-71	85	3.2	150	--	.60	270	150	.61
04-12-71	38	2.8	180	--	.70	320	80	.32
04-19-71	32	2.9	180	--	2.70	300	70	1.03
04-26-71	62.0	2.9	190	--	1.60	285	140	1.19
05-03-71	76	3.0	190	--	1.20	310	170	1.10
05-10-71	144	2.9	200	--	.80	155	340	1.38
05-17-71	62.0	2.8	210	--	.90	170	160	.67
05-24-71	62.0	2.9	220	--	.85	300	160	.63
06-01-71	62.0	3.2	180	--	2.10	250	130	1.56
06-07-71	76	2.8	190	--	1.50	280	170	1.37
07-07-71	7.6	3.3	180	--	6.00	240	16.4	.55
08-09-71	4.5	3.2	90	--	5.40	190	4.9	.29
08-16-71	4.5	3.3	90	--	5.60	200	4.9	.30
08-23-71	11.2	3.3	90	--	5.10	185	12.1	.69
09-20-71	32	3.2	190	--	6.00	320	70	2.30
10-18-71*	0.0	2.8	220	--	6.40	330	--	--
10-26-71*	0.0	2.9	180	--	6.60	200	--	--

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 59 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 325, .2 mi. west of Intersection with Rt. 308

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
11-18-71	0.0	2.8	200	--	6.50	340	--	--	--	--	--	--
11-29-71	62	3.8	170	--	.40	190	--	--	130	--	.30	140
12-13-71	106.0	3.6	170	--	1.00	230	--	--	220	--	1.27	290
12-20-71	154	4.0	160	--	.90	190	--	--	300	--	1.66	350
01-20-72	53	4.1	170	--	1.7	225	--	--	110	--	1.10	140
02-11-72	51	3.9	190	--	2.2	240	--	--	115	--	1.3	145
03-15-72	92	3.1	210	--	2.4	275	--	--	230	--	2.6	300
04-03-72	69	3.6	170	--	.50	175	--	--	140	--	.4	145
04-17-72	64	3.4	180	--	.40	180	--	--	140	--	.3	140
05-04-72	60	3.4	170	--	.50	170	--	--	120	--	.4	120
08-09-72	6.3	3.2	205	--	3.9	280	--	--	16	--	.3	20

* No Flow: Samples taken from pool behind Weir.

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 60

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Rt. 8, .7 mi. north of intersection with L.R. 60003

DATE	GPM	pH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
03-09-71		3.6	90	--	.60	400							
03-18-71	1030	3.4	80	--	.50	322						6.2	3980
03-25-71	810	3.1	80	--	.60	337						5.8	3280
04-01-71	760	3.2	50	--	.40	270						3.6	2460
04-07-71	680	3.6	50	--	.50	245						4.0	2000
04-12-71	660	3.6	60	--	.40	240						3.2	1900
04-19-71	580	3.8	60	--	1.80	230						13	1600
04-26-71	560	4.1	60	--	1.60	215						11	1450
05-03-71	1080	4.5	50	--	1.10	235						14	3050
05-10-71	560	4.0	60	--	.80	185						5.4	1240
05-17-71	450	4.4	50	--	.70	200						3.8	1080
05-24-71	480	4.3	60	--	.60	240						3.5	1380
06-01-71	450	5.0	40	--	.50	440						2.7	2380
06-07-71	500	5.6	40	--	.10	460						.6	2760
07-07-71	270	5.8	40	--	2.90	375						9.4	1215
08-09-71	320	6.5	50	10	3.30	500						13	1920
08-16-71	270	6.7	50	10	3.70	510						12	1650
08-23-71	270	6.4	60	5	3.20	500						10	1620
09-20-71	350	6.4	40	5	2.70	530						11	1890
10-18-71	270	6.3	50	--	2.90	520						9.4	1590
10-26-71	270	5.7	70	--	3.20	360						10	1170

ACID MINE DRAINAGE PROJECT SAMPLING STATION NO. 60 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED LOCATION: Rt. 8, .7 mi. north of intersection with L.R. 60003

DATE	GPM	PH	PPM							
			ACD	ALK	FE	S04	ACD	ALK	FE	S04
11-18-71	300	6.2	50	--	2.90	500	180	--	10	1590
11-29-71	650	6.4	70	5	1.70	345	550	39	13	2690
12-13-71	400	6.3	40	3	3.20	420	190	14	15	2020
12-20-71	780	5.8	50	--	2.80	300	470	--	26	2810
01-20-72	400	6.0	40	--	2.6	350	190	--	13	1680
02-11-72	375	5.8	50	--	2.8	375	225	--	13	1690
03-15-72	680	5.1	60	--	3.1	400	490	--	25	3260
04-03-72		4.1	60	--	.40	300				
04-17-72		3.9	60	--	.30	300				
05-04-72		3.7	70	--	.20	320				

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 61

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1000' ft. south of intersection with
L.R. 60055

DATE	GPM	PH	PPM				PPD						
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
05-03-71		6.7	3	40	.05	38							
05-10-71		6.4	5	30	.20	25							
05-17-71	5	6.5	5	30	.20	57					.01		3.4
05-24-71	3	6.7	3	20	.10	37							1.3
06-01-71	2	6.7	3	20	.05	32							.8
06-07-71	3	6.8	3	20	.05	36							1.3
07-07-71	3	7.2	--	40	.05	30							1.1
08-09-71	1	7.2	--	50	.05	34							.4
08-16-71	1	7.1	--	50	.05	35							.4
08-23-71		Sample Not Available - Dry											
09-20-71	1	6.7	10	40	.05	38							.5
10-18-71	1	6.8	3	50	.05	35							.4
10-26-71	1	6.6	10	40	.05	30							.4
11-18-71	1	6.7	3	50	.05	32							.4
11-29-71	2	6.8	3	40	.05	27							.6
12-13-71	2	6.8	3	45	.05	46							1.1
12-20-71	3	6.7	3	40	.05	44							1.6
01-20-72	8	7.1	--	50	.05	26							2.5
02-11-72	7	6.9	--	50	.05	27							2.3
03-15-72	13	6.7	3	50	.05	31							4.8

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 6D (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1000' ft. south of intersection with
L.R. 60055

DATE	GPM	PH	PPM								
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
04-03-72	3	5.7	20	10	.05	19	.7	.4	---	---	.7
04-17-72	3	5.3	20	10	.05	23	.7	.4	---	---	.8
05-04-72	3	5.0	20	10	.05	20	.7	.4	---	---	.7

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 62

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1000' north of intersection with T.R. 327

DATE	GPM	PH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
05-03-71		6.4	10	10	.10	62						
05-10-71		6.5	5	10	.15	45						
05-17-71	230	6.5	5	20	.20	57			14	55	.6	160
05-24-71	210	6.5	5	20	.20	66			13	50	.5	170
06-01-71	200	6.6	5	20	.20	44			12	48	.5	105
06-07-71	190	6.4	7	5	.10	48			16	11	.2	110
07-07-71	220	6.7	3	20	.05	59			7.9	53	.1	160
08-09-71		Sample Not Available										
08-16-71		"	"	"	"	"						
08-23-71		"	"	"	"	"						
09-20-71	180	6.5	50	5	.20	95			110	11	.4	205
10-18-71	55	6.6	60	5	.30	90			40	3.3	.2	59
10-26-71	15	5.0	40	--	.50	90			7.2	--	.1	16
11-18-71	10	6.1	60	--	.30	90			7.2	--	.1	11
11-29-71	176	3.8	50	--	.50	85			105	--	.1	180
12-13-71	420	3.7	50	--	.25	95			250	--	1.3	480
12-20-71	350	4.1	50	--	.30	60			210	--	1.3	250
01-20-72	220	6.3	40	5	.30	87			105	13	.8	230

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 62 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 1000' north of intersection with T.R. 327

DATE	GPM	pH	PPM						SO4	SO4	
			ACD	ALK	FE	ALK	ACD	ALK			
02-11-72	210	6.0	40	--	.35	--	100	--	92	.9	230
03-15-72	380	5.1	50	--	.40	--	230	--	110	1.8	500
04-03-72	90	5.8	10	--	.05	--	11	--	50	.1	54
04-17-72	80	5.5	10	--	.05	--	9.6	--	52	.05	50
05-04-72	70	5.2	10	--	.05	--	8.4	--	50	.04	42

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 63

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, 13 mi. north of intersection with T.R. 327

DATE	GPM	pH	PPM				PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
05-03-71		2.8	170	--	1.00	230						
05-10-71		2.9	170	--	1.00	190						
05-17-71	55	2.8	190	--	1.20	225			125	--	.8	150
05-24-71	50	2.9	170	--	1.10	265			100	--	.7	160
06-01-71	48	3.1	150	--	1.30	180			86	--	.7	100
06-07-71	46	3.0	160	--	2.00	200			88	--	1.1	110
07-07-71	53	2.9	160	--	2.90	195			100	--	1.8	.25
08-09-71					Sample Not Available - Dry							
08-16-71		"	"	"	"							
08-23-71		"	"	"	"							
09-20-71	30	3.3	170	--	.60	180			61	--	.2	65
10-18-71					Sample Not Available - Dry							
10-26-71		"	"	"	"							
11-18-71					Sample Not Available - Dry							
11-29-71	40	3.2	50	--	4.50	600			24	--	2.2	290
12-13-71	100	3.4	310	--	5.50	400			370	--	6.6	480
12-20-71	84	4.0	300	--	4.90	550			300	--	4.9	550

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 63 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: T.R. 380, .3 mi. north of intersection with T.R. 327

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
01-20-72	53	4.2	270	--	4.1	525	170	--	2.6	330
02-11-72	50	3.9	290	--	4.4	570	174	--	2.6	342
03-15-72	90	3.2	310	--	4.6	625	335	--	5.0	675
04-03-72	22	3.9	210	--	.90	220	55	--	.2	58
04-17-72	19	3.7	220	--	.80	225	50	--	.2	51
05-04-72	17	3.6	230	--	1.0	230	47	--	.2	47

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 64

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60010, .6 mi. south of intersection with
L.R. 60055

DATE	GPM	PH	PPM					PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4		
05-03-71	400	6.7	3	30	.05	26	14	144	.2	125		
05-10-71	520	6.6	5	20	.05	20	31	125	.3	125		
05-17-71	450	6.7	3	20	.05	34	16	110	.3	180		
05-24-71	410	6.6	5	20	.05	39	25	98	.2	190		
06-01-71	390	6.8	3	60	.05	17	14	280	.2	80		
06-07-71	370	6.8	3	60	.05	18	13	270	.2	80		
07-07-71	430	7.0	--	70	.05	31	--	360	.3	160		
08-09-71		Sample Not Available - Dry										
08-16-71		" "										
08-23-71	90	7.0	--	20	.10	36	--	.22	.1	39		
09-20-71	70	7.2	--	60	.10	38	--	50	.08	32		
10-18-71		Sample Not Available - Dry										
10-26-71		" "										
11-18-71		Sample Not Available - Dry										
11-29-71	350	6.8	3	20	.051	70	13	84	.2	290		
12-13-71	820	6.9	--	30	.05	24	--	295	.5	240		
12-20-71	690	6.7	3	30	.05	40	25	250	.4	330		
01-20-72	430	6.8	3	40	.05	31	15	210	.3	160		
02-11-72	410	6.7	3	40	.05	34	15	200	.2	170		

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 64 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: L.R. 60010, .6 mi. south of intersection with
L.R. 60055

DATE	GPM	pH	PPM							
			ACD	ALK	FE	SO4	SO4			
03-15-72	600	6.7	3	40	.05	37	22	290	.4	270
04-03-72	460	6.9	10	60	.05	22	55	330	.3	120
04-17-72	430	6.8	20	60	.05	20	100	310	.3	100
05-04-72	440	6.6	20	50	.05	23	105	260	.3	120

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 65

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Unnamed run 2.2 miles due North of Intersection of
Rt. 209 and Rt. 308

PPM

PPD

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
05-03-71	35	6.1	10	3	.30	26	4.2	1.3	.1	11
05-10-71	43	6.1	10	10	.35	18	5.2	5.2	.2	9.3
05-17-71	38	6.0	10	10	.40	23	4.6	4.6	.2	10
05-24-71	27	6.0	10	10	.20	27	3.2	3.2	.1	8.8
06-01-71	22	6.1	10	3	.20	14	2.6	.8	.05	3.7
06-07-71	25	6.3	10	3	.10	13	3	.9	.03	3.9
07-07-71	28	6.2	10	3	.20	12	3.4	1	.07	4
08-09-71	6	6.5	30	10	.10	6	2.2	.7	--	.4
08-16-71	7	6.4	30	10	.10	7	2.5	.8		.6
08-23-71	16	6.5	30	10	.05	11	5.8	1.9	.01	2.1
09-20-71	8	6.6	20	20	.05	3	1.9	1.9	--	.3
10-18-71		Sample Not Available	"	"	"					
10-26-71		"	"	"	"					
11-18-71		Sample Not Available	"	"	"					
11-29-71	13	4.5	30	--	.25	40	4.7	--	.04	6.2
12-13-71	19	4.5	20	--	.25	42	4.6	--	.06	9.6
12-20-71	29	4.8	20	--	.30	48	7.0	--	.1	17
01-20-72	68	6.1	10	--	.30	42	8.2	--	.2	34
02-11-72	65	5.8	20	--	.30	44	16	--	.2	34

ACID MINE DRAINAGE PROJECT
 BIG SCRUBGRASS CREEK WATERSHED

SAMPLING STATION NO. 65 (Cont'd.)

LOCATION: Unnamed run 2.2 miles due North of Intersection of
 Rt. 209 and Rt. 308

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄
03-15-72	110	5.1	30	--	.40	52	40	--	.5	69
04-03-72	28	4.5	30	--	.05	19	10	--	.02	6.4
04-17-72	26	4.3	30	--	.05	22	9.4	--	.02	6.9
05-04-72	23	4.1	30	--	.05	24	8.3	--	.01	6.6

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 66

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: Mouth of East Branch, Brink Run

DATE	GPM	PH	PPM				PPD				
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4	
05-03-71	192	3.5	80	--	.40	140	180	--	--	.9	320
05-10-71	234	3.5	90	--	.30	100	250	--	--	.8	280
05-17-71	208	3.4	110	--	.40	115	270	--	--	1	290
05-24-71	146	3.4	100	--	.20	130	175	--	--	.4	230
06-01-71	121	3.4	90	--	.20	110	130	--	--	.3	160
06-07-71	139	3.3	70	--	.10	115	120	--	--	.2	190
07-07-71	152	4.1	60	--	.05	95	110	--	--	.1	170
08-09-71	36	5.9	30	--	.10	90	13	--	--	.04	39
08-16-71	39	6.0	30	--	.10	100	14	--	--	.05	47
08-23-71	87	4.2	40	--	.10	83	42	--	--	.1	87
09-20-71	41	3.8	100	--	.30	110	49	--	--	.1	54
10-18-71	20	3.6	110	--	.40	100	26	--	--	.1	24
10-26-71	25	6.3	40	--	.30	90	12	--	--	.09	27
11-18-71	20	3.9	100	--	.30	95	24	--	--	.07	23
11-29-71	290	4.1	40	--	.40	85	140	--	--	1.4	300
12-13-71	104	4.1	30	--	.40	90	37	--	--	.5	110
12-20-71	530	4.4	30	--	.40	110	190	--	--	2.5	700
01-20-72	370	5.4	20	--	.40	100	89	--	--	1.8	440
02-11-72	354	5.2	20	--	.45	110	85	--	--	1.9	470

ACID MINE DRAINAGE PROJECT SAMPLING STATION NO. 66 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED LOCATION: Mouth of East Branch, Brink Run

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
03-15-72	640	4.5	30	--	.60	123	230	--	4.6	940
04-03-72	153	4.6	60	--	.4	52	110	--	.7	95
04-17-72	140	4.4	60	--	.3	56	100	--	.5	94
05-04-72	128	4.0	60	--	.15	60	92	--	.2	92

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 67

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I-80, .6 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
05-03-71	23	6.6	5	10	.10	46	1.4	2.8	.3	13
05-10-71	30	6.6	5	10	.10	30	1.8	3.6	.04	11
05-17-71	27	6.6	5	10	.10	46	1.6	3.2	.03	15
05-24-71	24	6.7	3	40	.05	61	.9	12	.01	18
06-01-71	10	6.8	3	40	.05	54	.4	4.8	--	6.5
06-07-71	20	6.6	5	30	.05	63	1.2	7.2	.01	15
07-07-71	10	6.8	3	40	.05	105	.4	4.8	--	13
08-09-71	10	7.0	--	50	.05	14	--	6.0	--	1.7
08-16-71	10	7.0	--	60	.05	16	--	7.2	--	1.9
08-23-71	10	7.0	--	60	.05	19	--	7.2	--	2.3
09-20-71	10	6.8	3	50	.05	110	.4	6.0	--	13
10-18-71	10	6.9	--	60	.05	100	--	7.2	--	12
10-26-71	20	6.6	10	40	.05	95	2.4	9.6	.01	23
11-18-71	10	6.7	3	50	.05	110	.4	6.0	--	13
11-29-71	50	6.6	10	40	.05	110	6.0	24	.03	66
12-13-71	80	6.6	10	40	.75	140	9.6	38	.7	130
12-20-71	50	6.7	3	40	.60	100	1.8	24	.4	60
01-20-72	80	7.0	--	50	.40	95	--	48	.4	91
02-11-72	80	7.0	--	50	.40	97	--	48	.4	93

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 67 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I-80, .6 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
03-15-72	90	6.9	--	50	.45	100	--	54	.5	110
04-03-72	13	6.8	--	30	.05	24	--	4.7	11	3.7
04-17-72	9	6.7	3	20	.05	27	.3	2.2	--	2.9
05-04-72	9	6.6	3	20	.05	30	.3	2.2	--	3.2

ACID MINE DRAINAGE PROJECT
BIG SCRUBGRASS CREEK WATERSHED

SAMPLING STATION NO. 68

LOCATION: I-80, 1.4 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	pH	PPM					PPD					
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4			
05-03-71	10	6.8	--	30	.05	800	--						
05-10-71	12	6.7	3	30	.05	500	.4	3.6	--		--	96	
05-17-71	12	6.6	3	30	.05	525	.4	4.3	--		--	72	
05-24-71	10	6.7	3	210	.05	620	.4	4.3	--		--	76	
								25	--		--	74	
06-01-71	13	6.9	--	220	.05	820	--				--	130	
06-07-71	12	6.7	3	220	.05	840	.4	34	--		--	120	
07-07-71	10	7.0	--	250	.05	1100	--	30	--		--	130	
08-09-71	14	7.2	--	280	.05	920	--	48	--		--	150	
08-16-71	15	7.1	--	270	.05	960	--	49	--		.01	170	
08-23-71	18	7.1	--	260	.05	925	--	56	--		.01	200	
09-20-71	17	7.1	--	210	.05	520	--	43	--		.01	110	
10-18-71	8	6.8	--	220	.05	500	--	21	--		--	48	
10-26-71	9	6.7	3	210	.05	880	.3	23	--		--	95	
11-18-71	10	6.7	3	220	.05	550	.4	26	--		--	66	
11-29-71	15	6.8	11	220	.05	360	--	39	--		--	65	
12-13-71	12	6.9	--	230	.40	200	--	33	--		.06	29	
12-20-71	14	6.9	--	200	.40	360	--	34	--		.07	60	
01-20-72	15	7.1	--	230	.30	310	--	41	--		.05	56	
02-11-72	14	7.0	--	220	.35	340	--	37	--		.06	57	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 68 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I-80, 1.4 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	pH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
03-15-72	17	6.9	--	210	.30	365	--	43	.06	74
04-03-72	10	7.1	--	140	.05	500	--	17	--	60
04-17-72	9	6.9	--	130	.05	470	--	14	--	51
05-04-72	9	6.8	--	120	.05	480	--	13	--	52

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 69

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I-80, 3.5 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	PH	PPM					SO4				
			ACD	ALK	FE	SO4	ACD		ALK	FE	SO4	
05-03-71		6.5	5	10	.60	110						
05-10-71		6.5	5	10	.30	80						
05-17-71	670	6.6	5	10	.20	95	40	80	1.6		760	
05-24-71	250	6.8	3	20	.05	120	9	60	.2		360	
06-01-71	250	7.0	--	20	.05	100	--	60	.2		300	
06-07-71	360	6.9	--	10	.05	125	--	43	.2		540	
07-07-71	200	7.0	--	10	.05	120	--	24	.1		290	
08-09-71	18	6.6	5	10	.05	30	1.1	2.2	--		6.5	
08-16-71	18	6.7	3	10	.05	33	.6	2.2	--		7.1	
08-23-71	150	6.9	--	20	.05	38	--	36	.1		68	
09-20-71	300	7.1	--	10	.05	90	--	36	.2		320	
10-18-71	130	7.1	--	10	.05	85	--	16	.1		130	
10-26-71	170	6.8	--	10	.05	55	--	20	.1		110	
11-18-71	140	6.9	--	10	.05	79	--	17	.1		130	
11-29-71	620	6.6	5	10	.05	50	37	74	.4		370	
12-13-71	720	6.7	3	10	.05	56	26	86	.4		480	
12-20-71	720	6.7	3	10	.05	86	26	86	.4		740	
01-20-72	910	6.9	--	70	.05	81	--	760	.5		880	
02-11-72	860	6.8	5	10	.05	87	52	100	.5		900	
03-15-72	1000	6.8	5	10	.05	90	60	120	.6		1080	

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 69 (Cont'd.)

BIG ACUBGRASS CREEK WATERSHED

LOCATION: I-80, 3.5 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	pH	PPM							
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
04-03-72	150	5.9	20	5	.05	90	36	9	.1	160
04-17-72	90	5.4	30	--	.05	92	32	--	.05	100
05-04-72	90	4.7	40	--	.05	95	43	--	.05	100
06-23-72		5.2	10	--	.05	38				

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 70

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I-80, 2.7 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	PH	PPM				PPD			
			ACD	ALK	FE	SO4	ACD	ALK	FE	SO4
05-03-71	110	6.6	5	10	.05	34	6.6	13	.06	45
05-10-71	90	6.6	5	20	.10	40	5.4	22	.1	43
05-17-71	110	6.7	3	30	.05	43	4.0	40	.06	57
05-24-71	42	6.8	3	30	.05	56	1.5	15	.03	28
06-01-71	42	6.9	3	50	.05	48	1.5	25	.03	24
06-07-71	60	6.8	3	70	.05	52	2.1	50	.04	37
07-07-71	33	6.9	3	10	.05	46	1.2	40	.02	18
08-09-71										
08-16-71										
08-23-71										
09-20-71										
10-18-71										
10-26-71										
11-18-71										
11-29-71	104	6.8	3	40	.05	42	3.7	50	.06	52
12-13-71	120	6.8	3	45	.05	47	4.3	65	.07	68
12-20-71	120	6.8	3	50	.05	34	4.3	72	.07	49
01-20-72	150	6.9	--	60	.05	28	--	110	.09	50
02-11-72	140	6.8	3	50	.05	32	5	84	.08	54
03-15-72	160	6.8	3	60	.05	35	5.7	115	.09	67

ACID MINE DRAINAGE PROJECT

SAMPLING STATION NO. 70 (Cont'd.)

BIG SCRUBGRASS CREEK WATERSHED

LOCATION: I-80, 2.7 mi. West of Interchange at Clintonville
(Rt. 308)

DATE	GPM	pH	PPM							
			ACD	ALK	FE	SO ₄	ACD	ALK	FE	SO ₄
04-03-72	25	7.0	--	60	.05	36	--	18	.02	11
04-17-72	15	6.8	3	50	.05	40	.5	9	--	7.2
05-04-72	15	6.7	3	40	.05	42	.5	7.2	--	7.6