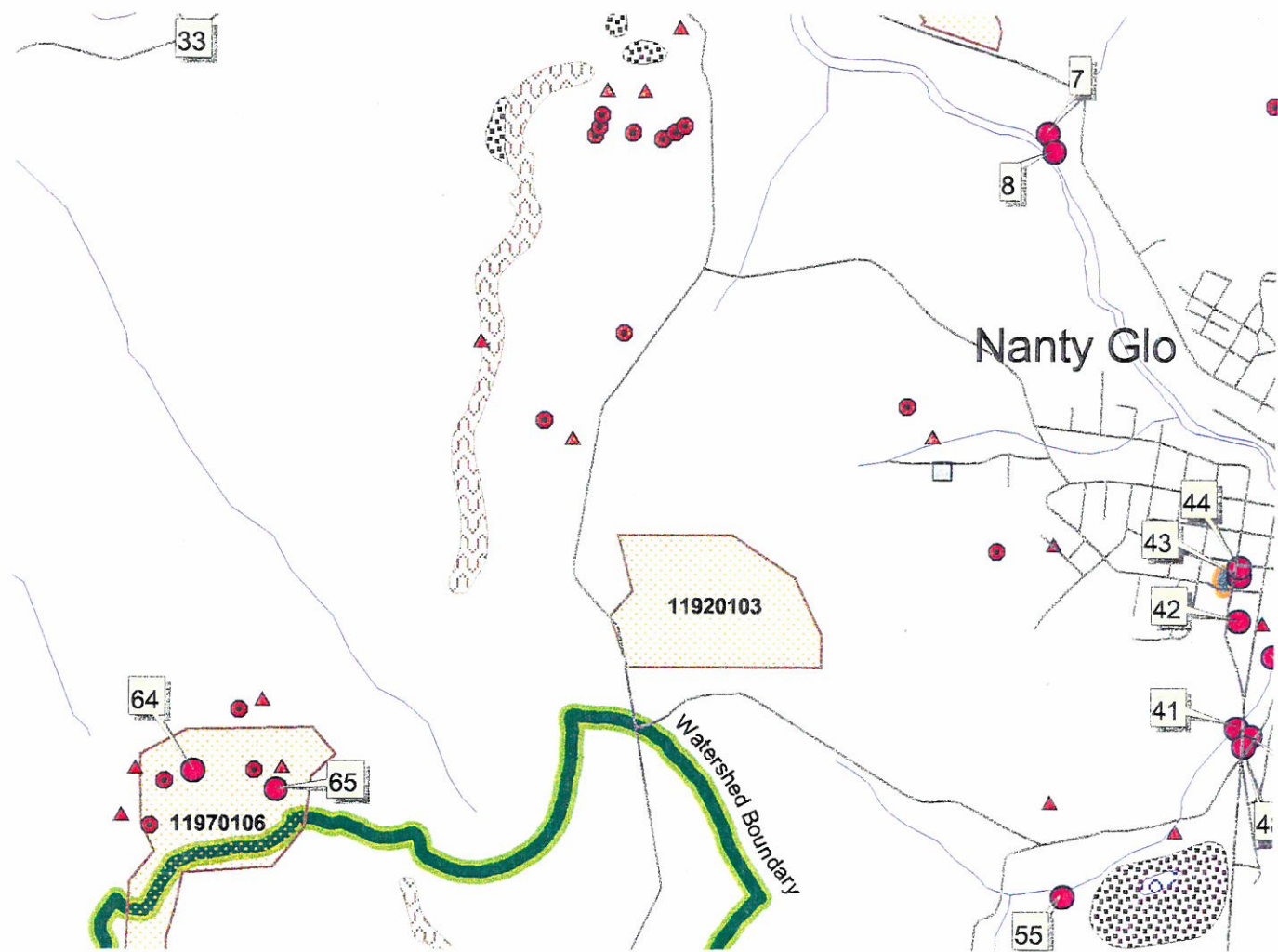


**T.J. Mining, Inc S.M.P. 11920103
and
Laurel Land Development S.M.P. 11970106**



0 0.5 1 1.5 2 Miles

0 0.5 1 1.5 2 Kilometers



WATER QUALITY DATA SUMMARY																															
Laurel Land Development		SMP 11970106																													
Blacklick Township		Cambria County																													
Description- Impoundment Discharge, Western Half of Permit																		Latitude		40-27-53		Longitude		78-52-46				Fig. 4 MP#		64	
Sample	Monitoring	Sample	Flow	pH	pH	Specific	Temp.	Total Acidity	Net Acidity	Total	Total	Ferrous	Total	Total	Total	Total	Total	Susp.	Acid	Fe	Mn	Al									
Date	Point	Number	(gpm)	(field)	(lab)	Conduct.	(deg. C)	(calculated)	(lab)	Alkalinity	Fe	Fe	Al	Mn	Mg	Ca	Sulfates	Hardness	Solids	Loading	Loading	Loading	Loading								
						(umhos/cm)		(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)								
5/8/96	3		3.8		3.30	595	nd	107.96	140	0	1.65		13.59	1.66			175		0.3	6.39	0.08	6.32	0.62								
6/10/96	3		2.5		3.30	601		108.22	130	0	2.31		13.35	1.56			159		1.0	3.91	0.07	3.91	0.40								
7/31/96	3		0.4		3.20	599		107.62	140	0	1.49		12.53	1.41			172		0.3	0.67	0.01	0.58	0.06								
1/21/97	3		FROZEN					nd											nd	nd	nd	nd									
2/10/97	3		FROZEN					nd											nd	nd	nd	nd									
3/28/97	3		6.2		3.20	571		104.24	122	0	1.62		11.86	1.41			264		0.3	9.09	0.12	8.75	0.88								
4/17/97	3		7.5		3.20	504		102.72	116	0	1.23		11.81	1.30			176		1.3	10.46	0.11	9.76	1.06								
4/30/97	3		5.0		3.30	520		96.95	120	0	1.64		11.71	1.37			154		1.3	7.21	0.10	6.86	0.70								
5/16/97	3		87.3		3.30	537		93.65	120	0	1.23		11.39	1.14			152		0.3	125.92	1.29	99.53	11.95								
6/21/97	3		11.8		3.20	446		90.24	110	0	3.83		8.36	1.15			128		1.3	15.60	0.54	13.58	1.19								
7/30/97	3		0.9		3.20	682		98.78	134	0	2.83		10.35	1.24			161		0.3	1.42	0.03	1.10	0.11								
8/29/97	3		2.5		3.20	561		100.35	120	0	1.80		11.10	1.33			133		1.0	3.61	0.05	3.34	0.33								
10/2/97	3		9.8		3.30	494		83.56	114	0	1.49		9.41	1.27			120		0.7	13.43	0.18	12.46	1.11								
11/25/97	3		69.3		3.60	525		77.23	126	0	1.58		10.44	1.33			133		0.3	104.96	1.32	92.18	8.70								
12/30/97	3		43.7		3.20	481		91.15	106	0	0.61		10.11	1.06			102		0.3	55.68	0.32	46.33	5.31								
1/29/98	3		9.2		3.30	518		94.11	136	0	2.26		10.96	1.19			123		4.0	15.04	0.25	10.96	1.21								
2/27/98	3		23.7		3.30	524		89.80	134	0	1.41		10.58	1.24			129		2.0	38.17	0.40	29.40	3.01								
6/5/98	3		7.5		3.20	593		93.81	94	0	1.94		9.82	1.44			111		0.7	8.47	0.17	10.81	0.89								

WATER QUALITY DATA SUMMARY																							
Laurel Land Development			SMP 11970106																				
Blacklick Township			Cambria County																				
Description-Lower Kittanning Deep Mine Discharge			Latitude 40-27-41 Longitude 78-52-34																				
			Fig. 4 MP# 65																				
Sample	Monitoring	Sample	Flow	pH	pH	Specific	Temp.	Total Acidity	Net Acidity	Total	Total	Ferrous	Total	Total	Total	Total	Total	Susp.	Acid	Fe	Mn	Al	
Date	Point	Number	(gpm)	(field)	(lab)	(umhos/cm)	(deg. C)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
9/26/96	7		20.0		3.10	723	nd	132.76	84	0	6.62		12.67	2.76			195	1.0	20.19	1.59	55.21	3.05	
10/15/96	7		2.9		3.00	734		155.05	160	0	7.68		14.03	3.67			244	0.3	5.65	0.27	10.80	0.50	
1/21/97	7		2.2		3.00	838		188.98	200	0	12.10		18.12	3.28			225	1.3	5.26	0.32	7.20	0.48	
2/10/97	7		FROZEN					nd											nd	nd	nd	nd	
3/28/97	7		6.1		3.00	821		148.92	166	0	6.77		13.59	2.99			309	1.0	12.07	0.49	18.10	0.99	
4/17/97	7		6.1		3.00	840		170.61	196	0	9.26		16.21	3.22			299	1.7	14.25	0.67	19.49	1.18	
4/30/97	7		1.1		2.90	943		193.61	208	0	10.93		17.40	2.69			284	2.3	2.68	0.14	2.89	0.22	
5/16/97	7		59.7		3.10	603		116.39	142	0	4.33		11.22	1.58			152	0.3	101.90	3.11	94.34	8.05	
6/21/97	7		2.9		3.00	707		163.28	186	0	9.53		14.91	2.77			237	0.3	6.48	0.33	8.05	0.52	
7/30/97	7		DRY					nd											nd	nd	nd	nd	
8/29/97	7		0.4		3.00	878		173.59	202	0	8.21		17.40	2.77			229	0.7	0.95	0.04	1.09	0.08	
10/2/97	7		8.9		3.00	698		148.72	190	0	6.36		14.14	1.81			182	0.3	20.30	0.68	16.10	1.51	
11/13/97	7		31.0		3.20	671		104.88	138	0	5.59		9.81	2.16			139	1.3	51.42	2.08	66.97	3.66	
12/30/97	7		16.7		3.10	641		131.56	148	0	4.90		13.57	1.89			147	0.3	29.71	0.98	31.58	2.72	
1/29/98	7		8.9		3.10	690		142.29	188	0	6.52		14.59	2.27			202	0.3	20.09	0.70	20.19	1.56	
2/27/98	7		8.9		3.10	769		131.72	180	0	8.94		11.50	2.34			149	0.3	19.23	0.96	20.81	1.23	
6/5/98	7		3.8		3.00	948		159.60	222	0	9.33		14.22	3.15			192	2.0	10.01	0.42	11.82	0.64	