

Appendix D - Barbour County Mine Rescue Team Air Quality Measurements

Date	Time	Drift Opening No. 1			Drift Opening No. 2			Drift Opening No. 3			Drift Opening No. 4		
		CO (ppm)	Methane (%)	Oxygen (%)	CO (ppm)	Methane (%)	Oxygen (%)	CO (ppm)	Methane (%)	Oxygen (%)	CO (ppm)	Methane (%)	Oxygen (%)
1/2/2006	1:25 PM	1372	0	20.6									
1/2/2006	1:27 PM				77	0	20.9						
1/2/2006	1:29 PM							24	0	20.7			
1/2/2006	1:30 PM										14	0	20.5
1/2/2006	1:46 PM	1860	0										
1/2/2006	1:47 PM				155	0	20.7						
1/2/2006	1:48 PM							54	0	20.7			
1/2/2006	1:50 PM										32	0	20.6
1/2/2006	2:04 PM	2430	0.6	19.7									
1/2/2006	2:04 PM	2700	0.5	19.6									
1/2/2006	2:06 PM				417	0	20.6						
1/2/2006	2:06 PM				544	0	20.5						
1/2/2006	2:08 PM							178	0	20.6			
1/2/2006	2:08 PM							179	0	20.4			
1/2/2006	2:09 PM										135	0	20.7
1/2/2006	2:09 PM										105	0	20.5
1/2/2006	2:27 PM	1880	.0.6	19.7									
1/2/2006	2:27 PM	2280	.0.5	19.6									
1/2/2006	2:33 PM				292	0	20.7						
1/2/2006	2:33 PM				212	0	20.5						
1/2/2006	2:38 PM							127	0	20.6			
1/2/2006	2:38 PM							92	0	20.5			
1/2/2006	2:42 PM										72	0	20.5
1/2/2006	2:42 PM										69	0	20.4
1/2/2006	3:14 PM	1800	0.5	19.5									
1/2/2006	3:16 PM				507	0	20.3						

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1/2/2006	3:35 PM	2136	0.4	19.6									
1/2/2006	3:37 PM				280	0	20.4						
1/2/2006	3:52 PM	1985	0.4	19.9									
1/2/2006	4:02 PM	2251	0.4	20.2									
1/2/2006	4:04 PM				410	0	20.9						
1/2/2006	4:07 PM							120	0	20.9			
1/2/2006	4:09 PM										82	0	20.9
1/2/2006	4:35 PM	2064	0.5	20.1									
1/2/2006	5:19 PM	1626	0.3	19.9									
1/2/2006	5:21 PM				369	0	20.4						
1/2/2006	5:40 PM	1375	0.3	20.2									
1/2/2006	5:42 PM				255	0	20.4						
1/2/2006	5:55 PM	1358	0.3	19.9									
1/2/2006	6:30 PM	1198	0.3	19.9									
1/2/2006	6:35 PM				275	0	20.4						
1/2/2006	7:45 PM				16	0	20.7						
1/2/2006	8:15 PM				17	0	20.5						
1/2/2006	8:50 PM				0	0	20.7						
1/2/2006	9:37 PM				0	0	20.9						
1/2/2006	10:17 PM				0	0	20.9						
1/2/2006	10:58 PM				0	0	20.0						
1/2/2006	11:55 PM				0.6	0	20.9						
1/3/2006	12:30 AM				0	0	20.9						
1/3/2006	1:00 AM				0	0	20.9						
1/3/2006	1:30 AM				0	0	20.9						
1/3/2006	2:00 AM				0	0	21.1						

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1/3/2006	2:30 AM				0	0	20.9						
1/3/2006	3:00 AM				0	0	20.9						
1/3/2006	3:30 AM				0	0	20.9						
1/3/2006	4:00 AM				0	0	20.9						
1/3/2006	4:26 AM				0	0	20.9						
1/3/2006	4:55 AM				0	0	20.9						
1/3/2006	6:26 AM				0	0	20.9						
1/3/2006	6:55 AM				0	0	20.9						
1/3/2006	7:25 AM				0	0	20.9						
1/3/2006	7:55 AM				0	0	20.9						
1/3/2006	8:25 AM				0	0	20.9						
1/3/2006	8:55 AM				0	0	20.9						
1/3/2006	9:25 AM				0	0	21.1						
1/3/2006	9:55 AM				0	0	20.9						
1/3/2006	10:00 AM	322	0.2	20.7									
1/3/2006	10:32 AM				0	0	20.9						
1/3/2006	10:35 AM	311	0.2	20.6									
1/3/2006	10:54 AM				0	0	20.9						
1/3/2006	10:55 AM										0	0	20.9

Note: Team continued to take handheld measurements throughout rescue effort.