

APPENDIX I

DESCRIPTION OF POLLUTION SOURCES

AND

ABATEMENT MEASURES

EBENSBURG DISTRICT OFFICE  
LIBRARY  
DER Bureau of Operations  
122 SOUTH CENTER STREET  
EBENSBURG, PA 15231

ZONE & SOURCE #	PRIORITY NUMBER	SOURCE DESCRIPTION	RECOMMENDED ABATEMENT MEASURES	COST
C 33	7	The discharge amounts to about 17,000 gpd and emanates from Strip Mine Area No. 12 Average Acid Load = 16#/day	Improve drainage through the unreclaimed strip mine areas by re-channeling. The area involved is approximately 18 acres.	\$ 21,600.00
B 42,43,49	6	The discharge amounts to about 70,000 gpd and comes out of Strip Mine No. 14. Average Acid Load = 56#/day	Improve drainage through the unreclaimed strip mine areas by rechanneling. The area involved is approximately 38 acres.	\$ 45,600.00
B 44 thru 48	5	The discharge amounts to about 100,000 gpd and comes out of Strip Mine Area No. 11 Average Acid Load = 71#/day	Improve drainage through the unreclaimed strip mine areas by rechanneling. The area involved is approximately 30 acres.	\$ 36,000.00
E 50	8	The discharge amounts to about 6,500 gpd and comes out from Strip Mine Area No. 20 Average Acid Load = 6#/day	Improve drainage through the unreclaimed strip mine areas by rechanneling. The area involved is approximately 5 acres.	\$ 6,000.00
E 51 thru 53 and 70 thru 75	4	The discharge amounts to about 67,000 gpd and emanates from Strip Mine No. 3 Average Acid Load = 196#/day	Improve drainage through the unreclaimed strip mine areas by rechanneling. The area involved is approximately 92 acres.	\$110,400.00

ZONE & SOURCE #	PRIORITY NUMBER	SOURCE DESCRIPTION	RECOMMENDED ABATEMENT MEASURES	COST
E 66,67,69	3	The discharge is about 34,000 gpd and comes out of three abandoned gas wells alongside of N. Branch Bear Creek. Average Acid Load = 130#/day	Plugging of the abandoned gas or oil wells (3).	\$ 30,000.00
F W <sub>1</sub> & W <sub>2</sub>	1	The discharge is from deep mining by Mohawk Mining Company intersecting Strip Mines No. 1 and 2. Average Acid Load = 1217#/day	Construction of remote type mine seals into augered areas and re-channeling of existing streams. The area involved is approximately 211 acres.	\$422,000.00
D 57,60,W <sub>3</sub>	2	The discharge is from Strip Mine Areas Nos. 5, 6, 7, and 8. The quantity is 1,000,000 gpd and Average Acid Load = 452#/day	Improve drainage through the unreclaimed strip mine areas by rechanneling. The area involved is approximately 239 acres.	\$286,800.00