

794 ADEQUACY OF TECHNOLOGY FOR POLLUTION ABATEMENT

Environmental research, funds handled by Bureau of Mines

[Thousands of dollars]

Year	Air pollution		Water pollution		Solid wastes disposal		Subtotal		Grand total
	Outside funds	Bureau of mines ¹ appropriation	Outside funds	Bureau of mines ¹ appropriation	Solid Wastes Act	Bureau of mines ¹ appropriation	Outside funds	Bureau of mines ¹ appropriation	
1956	98						(98)		(98)
1957	125						(125)		(125)
1958	227						(227)		(227)
1959	227						(227)		(227)
1960	243						(243)		(243)
1961	300						(300)		(300)
1962	350						(350)		(350)
1963	450						(450)		(450)
1964	500		20	36			(520)	(36)	(556)
1965	600		20	103			(620)	(103)	(723)
1966	670	1, 290	² 20	103	1, 400		(2, 090)	(1, 393)	(3, 483)
1967	(³)	2, 391	² 20	140	4, 300			(2, 472)	

¹ Bureau of Mines program funds expended on projects contributing to pollution abatement.

² Does not include funds received from the Federal Water Pollution Control Administration for demonstration work on acid mine drainage control. It is expected these will total approximately \$450,000 for fiscal year 1967.

³ It is expected that Public Health Service will transfer \$759,000 to the Bureau of Mines for air pollution research for fiscal year 1967.

Question 2: Do you believe that your current and near-term program for research and development is adequate? What additional effort do you believe is required?

Answer: As stated during the hearings, we estimate that the Bureau's efforts in abatement of air pollution at the source should be expanded by a factor of approximately five over that which was available in 1966. We believe that a program of this size would be sufficient to provide industry and Government with much needed technologic information on the handling and use of fossil fuels, without the resulting contamination of the atmosphere. If contract authority should become available to the Bureau for research contracts with universities, nonprofit organizations, and industry, even more funds could be used to advantage. This should provide a well-balanced program for the development of economically feasible methods for control of pollution at the source. Without doubt, research on solid wastes will have to be expanded beyond the present fund limitations if the solutions for the many complicated problems are to be achieved. However, since this program is relatively new, it is difficult to anticipate the percentage increase which may be required inside of the next 2 or 3 years. The greatly expanded efforts on mine drainage work which is being performed in cooperation with the Federal Water Pollution Control Administration is just getting underway. While funds for this work will doubtless have to be increased inside the near future, it is, again, difficult or impossible to make a realistic estimate of the increase in funds which will be needed.

Question 3: Has the inability to contract with universities and industry hindered your program?