



## *Project Summary*

# Coal and the Environment Abstract Series: Bibliography on Disposal of Mine and Cleaning Plant Refuse

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**This Project Summary describes the fifth volume to appear in the "Coal, and the Environment Abstract Series," an updated edition of the "Bibliography on Disposal of Mine and Clean Plant Refuse." Other volumes in the series are "Reclamation of Coal Mined Land" and "Mine Drainage Bibliography." The three bibliographies in the series are intended to complement one another. While each covers particular subject areas, inevitably some documents listed in one are also relevant to one of the other bibliographies. In addition to the abstracts, this volume includes an Author Index and a General Index.**

***This Project Summary was developed by EPA's Industrial Environmental Research Laboratory, Cincinnati, OH, to announce key findings of the research project which is fully documented in a separate report of the same title (see Project Report ordering information at back).***

As coal continues to be produced and as mines are opened in areas where mining has not existed previously, opportunities for the occurrence of environmental degradation will increase. However, such degradation may be mitigated if existing and evolving pollution control technology is well known and properly applied.

Numerous public and private efforts have contributed to the mass of know-

ledge concerning coal's environmental problems and to their control. This knowledge is well documented, and the U.S. Environmental Protection Agency (EPA) has been actively involved in compiling and disseminating it. One facet of this activity has been the co-sponsorship of a comprehensive coal-environment library at Bituminous Coal Research, Inc., (BCR) for use by the public as well as the coal industry, and the publication of bibliographies of abstracts based on the collections within the library.

This Bibliography on Disposal of Mine and-Cleaning Plant Refuse is the fifth to appear in the "Coal and the Environment Abstract Series." It contains almost 300 newly listed references, plus all references and abstracts found in the initial coal-refuse disposal bibliography published in 1978, a total of nearly 800 references. Preparation of this edition was co-sponsored by EPA, Department of Interior's Office of Surface Mine Reclamation and Enforcement (OSM), and BCR.

The other volumes in the series are "Bibliography on Mined-Land Reclamation," "Mine Drainage Bibliography 1910-1976," and "Mine Drainage Bibliography 1929-1980." The first bibliography in the series, "Mine Drainage Abstracts 1910-1976," based on an information project carried out by BCR since 1961, was prepared in 1976 by

BCR with the co-sponsorship of the Pennsylvania Department of Environmental Resources and EPA. Copies of that bibliography may be obtained by requesting it by name from BCR or by number PB 265 041/4BE from the National Technical Information Service (NTIS), prepaid. "Mine Drainage Bibliography 1929-1980," EPA-600/7-80-113, which updates the earlier volume, is also available from BCR by name and from NTIS, prepaid, by number PB 80-221 062. The Reclamation Bibliography, EPA-600/7-79-102, can be obtained from BCR and from NTIS as PB 298 191/8WP, prepaid.

The subjects covered in the Refuse Bibliography include the analysis and characterization of coal refuse; various methods of handling, storing, and disposing of coal refuse; environmental problems such as refuse drainage quality and combustion of refuse piles; the control of environmental problems; uses for refuse; and reclamation of refuse disposal areas. The coal cleaning process itself is very closely related to the general subject area covered in this bibliography. However, publications on coal cleaning have not been included unless they contained information that contributed significantly to the knowledge and understanding of coal refuse and its related disposal problems.

In addition to the abstracts, the Refuse Bibliography includes an Author Index and General Index. The Appendices provide lists of the publications most recently acquired for the other volumes of "Coal and the Environment Abstract Series." Appendix A continues the update for "Bibliography

on Mined-Land Reclamation" which was begun in a previous volume in this Series. Appendix B gives an update for that previous volume, "Mine Drainage Bibliography 1929-1980"

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*The complete report, entitled "Coal and the Environment Abstract Series: Bibliography on Disposal of Mine and Cleaning Plant Refuse," (Order No: PB 81-221 871; Cost: \$21.50, subject to change) will be available only from:*

*National Technical Information Service*

*5285 Port Royal Road*

*Springfield, VA 22161*

*Telephone: 703-487-4650*

*The EPA Project Officer can be contacted at:*

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