GJO Editing Book With U.S. Geological Survey

Dr. Stan Morrison, a MACTEC Environmental Restoration Services (MACTEC–ERS) employee at the U.S. Department of Energy Grand Junction Office (DOE–GJO), and three scientists with the U.S. Geological Survey (USGS) are editing the first book published on the use of permeable reactive barriers (PRBs) to treat inorganic contaminants.

PRB installations and their capability to treat inorganic contaminants in groundwater are drawing worldwide interest. Enough interest that Academic Press will publish *Handbook of Groundwater Remediation of Trace Metals, Radionuclides, and Nutrients with Permeable Reactive Barriers* in early 2002. The other editors are David Naftz, USGS Water Resources Division in Salt Lake City, Utah, and Jim Davis and Christopher Fuller, USGS Water Resources Division in Menlo Park, California.

The book is based on presentations made at a topical session of the American Geophysical Union in December 1999 and will consist of 22 chapters in four sections. The titles of the four sections are "Innovations in Construction and Design of PRBs," "Methods To Evaluate the Performance of PRBs," "Innovative Placement Methods for PRBs," and "Case Studies of PRB Installations." DOE and MACTEC–ERS personnel at the Grand Junction Office will be coauthors of two chapters. Donald Metzler (DOE–GJO), Morrison, and Clay Carpenter, Tim Bartlett, and Sarah Morris (MACTEC–ERS) will write "Design and Performance of a Permeable Reactive Barrier for Containment of Uranium and Associated Contaminants at Monticello, Utah." Morrison, Metzler, and Brian Dwyer (Sandia National Laboratories/New Mexico) will prepare "Design and Performance of Passive Zero-Valent Iron Water-Treatment Cells for Uranium and Metals at Durango, Colorado." Researchers in the United States, Canada, and Australia will prepare the other 20 chapters. The manuscript for the book will be delivered to Academic Press by September 2001.❖

Printed on recycled paper

U.S. Department of Energy
Grand Junction Office
2597 B¾ Road
Grand Junction, CO 81503

Mailing Label