



Preface

U.S. Department of Energy (DOE) Order 5400.1, "General Environmental Protection Program," establishes the requirement for environmental protection programs at DOE sites and facilities. These programs ensure that DOE operations comply with applicable federal, state, and local environmental laws and regulations, executive orders, and Department policies.

This Hanford Site environmental report is prepared annually pursuant to DOE Order 231.1A, "Environment, Safety, and Health Reporting," and DOE M 231.1-1, *Environment, Safety and Health Reporting Manual*, to summarize environmental data that characterize Hanford Site environmental management performance and demonstrate compliance status. The report also highlights significant environmental programs and efforts. More detailed environmental compliance, monitoring, surveillance, and study reports may be of value; therefore, to the extent practical, these additional reports have been referenced in the text.

Although this report was written to meet DOE reporting requirements and guidelines, it was also intended to be useful to members of the public, public officials, regulators, and Hanford Site contractors. The "Helpful Information" section lists acronyms, abbreviations, conversion information, and nomenclature that may be useful for understanding this report.

This report is produced for the DOE Richland Operations Office, Office of Site Services, by the

Pacific Northwest National Laboratory's Public Safety and Resource Protection Program. Pacific Northwest National Laboratory is operated by Battelle (the site research and development contractor) for DOE. Battelle is a not-for-profit, independent, contract research institute. Major portions of the report were written by staff from the Pacific Northwest National Laboratory and selected subcontractors and alliance subcontractors of Fluor Hanford, Inc. (the site management and integration contractor), Bechtel Hanford, Inc. (the site environmental restoration contractor), CH2M HILL Hanford Group, Inc. (Office of River Protection waste storage and retrieval contractor), and MACTEC-ERS also prepared or provided input to selected sections.

Copies of this report have been provided to many libraries in communities around the Hanford Site and to several university libraries in Washington and Oregon. Copies can also be found at DOE's Hanford Reading Room located in the Consolidated Information Center on the campus of Washington State University at Tri-Cities. Copies of the report can be obtained from Mr. R. W. (Bill) Hanf, K6-75, Pacific Northwest National Laboratory, P.O. Box 999, Richland, Washington 99352 (bill.hanf@pnl.gov) while supplies last or can be purchased from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161.

This report has been issued in two hard-copy formats and an electronic format. The hard copy includes this large technical report and a smaller (approximately 50 pages), less-detailed summary report. The electronic versions of both hard-copy documents are available on the Internet at <http://hanford.pnl.gov/envreport/> or <http://hanford.pnl.gov/envreport/1999>.

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