

# Preface

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The Hanford Site environmental report is prepared annually for the U.S. Department of Energy (DOE) in accordance with the requirements in the DOE Environment, Safety and Health Reporting Manual (DOE M 231.1-1) and DOE Order 231.1A, "Environment, Safety, and Health Reporting." The report provides an overview of activities at the site; demonstrates the status of the site's compliance with applicable federal, state, and local environmental laws and regulations, executive orders, and DOE policies and directives; and summarizes environmental data that characterize Hanford Site environmental management performance. The report also highlights significant environmental programs and efforts. Some historical and early 2004 information is included where appropriate. More detailed environmental compliance, monitoring, and surveillance information may be found in additional reports referenced in the text.

Although this report was primarily written to meet DOE reporting requirements and guidelines, it also provides useful summary information to members of the public, public officials, regulators, Hanford Site contractors, and elected representatives. Appendix A of this report lists scientific notation, units of measure, unit conversion information, and nomenclature that may help readers understand the report. Appendix B is a glossary of terms.

The Pacific Northwest National Laboratory's Public Safety and Resource Protection Program produced this report for the DOE Richland Operations Office, Closure Division. The Battelle Memorial Institute (Battelle) operates the Pacific Northwest National Laboratory for the DOE. Battelle is a non-profit, independent, contract research institute. Personnel from the Pacific Northwest National Laboratory and Fluor Hanford, Inc. and its subcontractors

wrote major portions of the report. Bechtel Hanford, Inc. and its subcontractors, Bechtel National, Inc., CH2M HILL Hanford Group, Inc., and the S.M. Stoller Corporation also prepared or provided significant input to selected sections.

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## Report Availability

This report was produced in both paper and electronic formats. The paper formats include this technical report and a less detailed summary report (PNNL-14687-SUM). Electronically, the report is available in portable document format (PDF) on compact disk (CD), and on the Internet at <http://hanford-site.pnl.gov/envreport>. Copies of the report are also available at libraries in communities around the Hanford Site, at several university libraries in Washington and Oregon, and at the DOE's Public Reading Room located at the Consolidated Information Center in Richland, Washington. All versions of the report can be obtained from R. W. (Bill) Hanf, Pacific Northwest National Laboratory, P.O. Box 999, MS K6-75, Richland, Washington 99352 <bill.hanf@pnl.gov> while supplies last. The report may also be available for purchase from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161.