



Preface

This Hanford Site environmental report is prepared annually pursuant to U.S. Department of Energy (DOE) Orders 5400.1, "General Environmental Protection Program" and 231.1, "Environment, Safety, and Health Reporting," and DOE M 231.1-1, Environment, Safety and Health Reporting Manual. The report is to provide an overview of activities at the site during 2001; to demonstrate the status of the site's compliance with applicable federal, state, and local environmental laws and regulations, executive orders, and DOE policies; and to summarize environmental data that characterize Hanford Site environmental management performance. The report also highlights significant environmental programs and efforts. Some historical and early 2002 information is included where appropriate. More detailed environmental compliance, monitoring, surveillance information may be of value; therefore, to the extent practical, additional pertinent reports have been referenced in the text.

Although this report was primarily written to meet DOE reporting requirements and guidelines, its purpose is to also provide useful summary information to members of the public, public officials, regulators, Hanford Site contractors, and elected representatives. Appendix A lists acronyms, abbreviations, unit conversion information, and nomenclature that may be useful for understanding the report.

The Pacific Northwest National Laboratory's Public Safety and Resource Protection Program produced this report for the DOE Richland Operations Office, Office of Site Services. Battelle operates the Pacific Northwest National Laboratory for DOE. Battelle is a not-for-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 National, Inc., CH2M HILL Hanford Group, Inc., MACTEC-ERS, and Bechtel Hanford, Inc. and its subcontractors also prepared or provided significant 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 the DOE's Reading Room located at the Consolidated Information Center in Richland, Washington. Copies of the report in electronic format (compact disk) can be obtained from Mr. R. W. (Bill) Hanf, Pacific Northwest National Laboratory, P.O. Box 999, Richland, Washington 99352 (bill.hanf@pnl.gov) while supplies last, or may be available for purchase from the National Technical Information Service, Springfield, Virginia 22161. Phone (703) 605-6000 or send an email request to <http://www.ntis.gov>.

This report was issued in two hard-copy formats and two electronic formats. The hard-copy formats include this large technical report and a smaller, less detailed summary report consisting of approximately 50 pages (PNNL-13910-SUM). The electronic versions of both hard-copy formats are available on the World Wide Web at <http://hanford-site.pnl.gov/envreport> or <http://www.hanford.gov/docs/annualrp01/index.htm>. The large report is also available on a computer compact disk (CD) that contains copies of the Hanford Site Climatological Data Summary for 2001 with Historical Data (PNNL-13859), the Hanford Site Environmental Surveillance Data Report for Calendar Year 2001 (PNNL-13910, APP.1), the Hanford Site Near-Facility Environmental Monitoring Data Report for Calendar Year 2001 (PNNL-13910, APP. 2), and the Hanford Site National Environmental Policy Act (NEPA) Characterization report (PNNL-6415) as well.

Other environmental-related reports for the Hanford Site that may be of interest include Hanford Site Groundwater Monitoring for Fiscal Year 2001 (PNNL-13788), Calculating Potential-to-Emit Releases and Doses for FEMPs and NOCs (HNF-3602), and Environmental Releases for Calendar Year 2001 (HNF-EP-0527-11).

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