



OAK RIDGE Reservation

Annual Site Environmental Report

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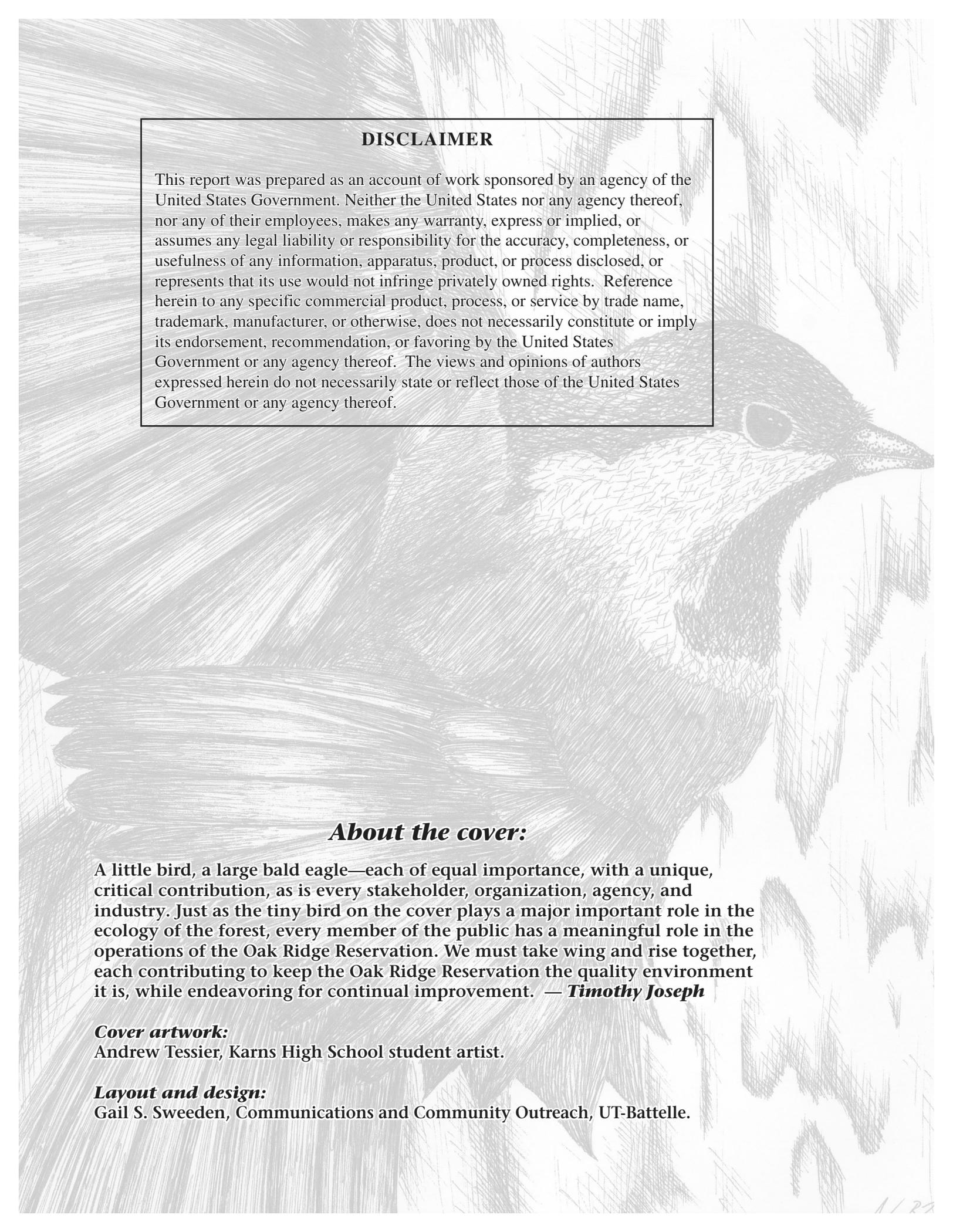
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Take Wing and Rise Together



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About the cover:

A little bird, a large bald eagle—each of equal importance, with a unique, critical contribution, as is every stakeholder, organization, agency, and industry. Just as the tiny bird on the cover plays a major important role in the ecology of the forest, every member of the public has a meaningful role in the operations of the Oak Ridge Reservation. We must take wing and rise together, each contributing to keep the Oak Ridge Reservation the quality environment it is, while endeavoring for continual improvement. — ***Timothy Joseph***

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**Oak Ridge Reservation Annual Site
Environmental Report for 2001**

on the World Wide Web
<http://www.ornl.gov/aser>

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Date published: September 2002

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for the U.S. Department of Energy under Contract No. DE-AC05-00OR22725
and by
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for the U.S. Department of Energy under Contract No. DE-AC05-00OR22800
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for the U.S. Department of Energy under Contract No. DE-AC05-98OR22700

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Acronyms and Abbreviations

AIHA	American Industrial Hygiene Association
ALARA	as low as reasonably achievable
ANSI	American National Standards Institute, Inc.
ASER	annual site environmental report
ATDD	Atmospheric Turbulence and Diffusion Division
BCK	Bear Creek kilometer
BJC	Bechtel Jacobs Company LLC
BMAP	Biological Monitoring and Abatement Program
CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	<i>Code of Federal Regulations</i>
CRK	Clinch River kilometer
CROET	Community Reuse Organization of East Tennessee
CWA	Clean Water Act
CY	calendar year
DCG	derived concentration guide
DNAPL	dense nonaqueous phase liquid
DOE	U.S. Department of Energy
DOE-EM	DOE Office of Environmental Management
DOE-HQ	DOE Headquarters
DOE-NNSA	DOE National Nuclear Security Administration
DOE-ORO	DOE Oak Ridge Operations Office
EC	Environmental Compliance
EDE	effective dose equivalent
EFK	East Fork Poplar Creek kilometer
EM	(DOE Office of) Environmental Management
EMS	environmental management system
EMWMF	Environmental Management Waste Management Facility
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
EPT	Ephemeroptera, Plectoptera, and Trichoptera (taxa)
ETTP	East Tennessee Technology Park
FCK	First Creek kilometer
FFK	Fifth Creek kilometer
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FY	fiscal year
GAAT	Gunite and Associated Tanks
HFIR	High Flux Isotope Reactor
HSWA	Hazardous and Solid Waste Amendments

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ICP	inductively coupled plasma
ICP-MS	inductively coupled plasma mass spectrometry
ID	identification (number)
INEEL	Idaho National Engineering and Environmental Laboratory
ISMS	Integrated Safety Management System
ISO	International Organization for Standardization
LC ₅₀	concentration of an aqueous sample lethal to 50% of test organisms in a given time span.
LLLW	liquid low-level radioactive waste
LLW	low-level radioactive waste
MACT	maximum achievable control technology
MAPEP	Mixed Analyte Performance Evaluation Program
MEK	Melton Branch kilometer
MIK	Mitchell Branch kilometer
MLLW	mixed low-level waste
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NHPA	National Historic Preservation Act
NIST	National Institute of Standards and Technology
NNSA	National Nuclear Security Administration
NOAA	National Oceanic and Atmospheric Administration
NOEC	no-observed-effect concentration
NPDES	National Pollutant Discharge Elimination System
NTRC	National Transportation Research Center
NWTK	Northwest Tributary kilometer
ORAU	Oak Ridge Associated Universities
OREIS	Oak Ridge Environmental Information System
ORGDP	Oak Ridge Gaseous Diffusion Plant
ORISE	Oak Ridge Institute for Science and Education
ORNL	Oak Ridge National Laboratory
ORR	Oak Ridge Reservation
ORR-PCB-FFCA	Oak Ridge Polychlorinate Biphenyl Federal Facilities Compliance Agreement
OSTI	DOE Office of Scientific and Technical Information
PAM	perimeter air monitoring
PCB	polychlorinated biphenyls
PM10	particulate matter less than 10 microns in diameter
QA	quality assurance
QC	quality control
R&D	research and development
RAM	remote air monitoring
RCK	Racoon Creek kilometer
RCRA	Research Conservation and Recovery Act

SARA	Superfund Amendments and Reauthorization Act
SDWA	Safe Drinking Water Act
SNS	Spallation Neutron Source
SWSA	solid waste storage area
TDEC	Tennessee Department of Environment and Conservation
TSCA	Toxic Substances Control Act
TSDR	treatment, storage, disposal, and recycle
TSP	total suspended particulate
TVA	Tennessee Valley Authority
TWRA	Tennessee Wildlife Resources Agency
UST	underground storage tank
UT	University of Tennessee
WAG	waste area grouping
WCK	White Oak Creek kilometer
WIPP	Waste Isolation Pilot Plant
WQP	water quality project
Y-12	Y-12 National Security Complex

Acknowledgments

The ASER technical coordinators and project team wish to thank those who participated in the publication of the *Annual Site Environmental Report*. Although we cannot name everyone involved in the environmental monitoring program, we would like to also thank and acknowledge those conducting sampling and analytical support.

S. M. Adams
Steve Baloga
Rebekah Bell
M. A. Bogle
Don Bohrman
Terry Bonine
Mark Burris
E. T. Collins
Rac Cox
K. R. Crow
L. L. Cunningham
Nancy Dailey
Stan Duke
Jim Eaton
Luther Gibson
Jan Gilbert
Patty Goddard
Wes Goddard
Mark Greeley
Scott Gregory
Steve Haase

James Hall
K. G. Hanzelka
Clarence Hill
J. G. Hill
W. R. Hill
Ed Ingram
S. B. Jones
Lynn Kszos
Regis Loffman
Cathy McCoy
H. B. McElhoe
Jill Mortimore
Jeff Murphy
Frank O'Donnell
Bobby Oliver
Pete Osborne
Pat Parr
Mark Peterson
Tony Poole
Stacey Rathke
W. K. Roy

M. G. Ryon
Crystal Schrof
Pat Scofield
Iris Shelton
Johnny Skinner
David Skipper
John G. Smith
Linda L. Smith
G. R. Southworth
A. J. Stewart
S. G. Thornton
Charlie Valentine
Lenny Vaughn
Jennifer Webb
Warren Webb
Sara Welch
Mick Wiest
Joe Wolfe
Steven K. Wood
Elizabeth Wright