



Applying knowledge to improve water quality

Pacific Northwest

Regional Water Program

A Partnership of USDA CSREES
& Land Grant Colleges and Universities

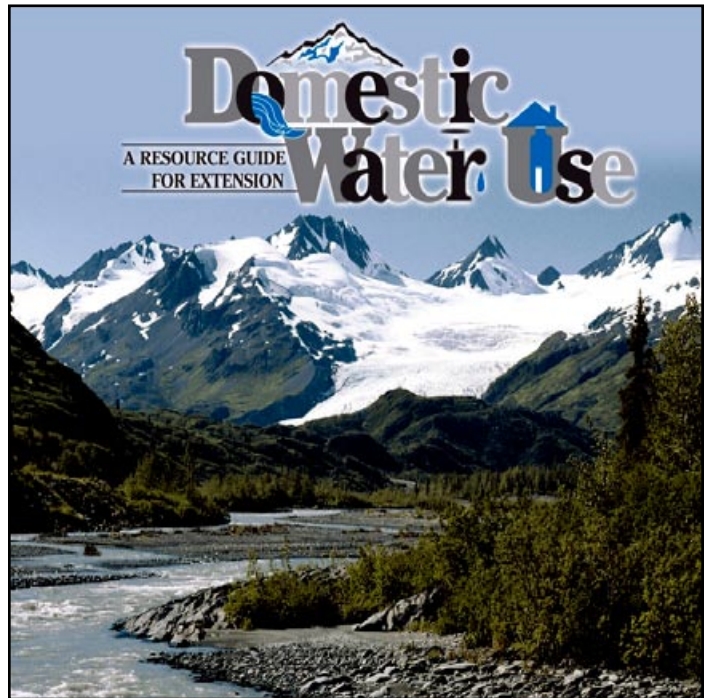
Domestic Water Use: A Resource Guide for Extension

Winter 2003
PNWWATER 011

Pacific Northwest educators and Extension personnel are frequently called upon to answer questions or concerns regarding drinking water. In an effort to meet the needs of our districts and to assist Extension personnel in the ease of finding information, the Pacific Northwest Region, Extension Water Quality Coordination 406 Grant has produced *Domestic Water Use: A Resource Guide for Extension*.

This resource will enable Extension offices across the Pacific Northwest region to effectively answer public inquiries about drinking water quality and water systems using state-of-the-art information. The *Domestic Water Use Resource Guide* contains over 70 current publications and will be housed in all county and regional Extension offices. The guide will be updated on a regular basis. The University of Alaska spearheaded the development of this product.

The publications contained in the guide have been produced by land grant universities, state and local health departments, and state and federal agencies with drinking water missions. Many of the publications are available on web sites. A complete list of web sites that were utilized to gather the information found in this guide are provided. The *Domestic Water Use Resource Guide* will assist in providing answers to drinking water questions, and in the production of media, press releases, teaching materials, and presentations. The fourteen chapters of information contained in this resource guide are:



1. General Information
2. Drinking Water Standards
3. Health Concerns/Hazards
4. Home Water Quality Problems
5. Water Testing and Interpretation
6. Chemicals
7. Microbials
8. Aesthetics-Turbidity, Color, Odor and Taste
9. Water Treatments
10. Treatment Supplies
11. Emergency Water
12. Water Conservation
13. Miscellaneous: Bottled Water, Cisterns, Septic Systems, and Water Systems
14. Resources and References

The next stage of development is a CD version of the *Domestic Water Use Resource Guide*. We anticipate completing this project in fall of 2003. Copies of the *Domestic Water Use Resource Guide* are available at production cost (\$50.00). Inquiries should be made to Terri Lomax at TLomax@uaa.alaska.edu.



Pacific Northwest Regional Water Quality Coordination Project Partners

Land Grant Universities

Alaska

Cooperative Extension Service
Contact Fred Sorensen:
907-786-6311

<http://www.uaf.edu/ces/water/>

University Publications:

<http://www.alaska.edu/uaf/ces/publications/>

Idaho

University of Idaho
Cooperative Extension System
Contact Bob Mahler: 208-885-7025

<http://www.uidaho.edu/wq/wqhome.html>

University Publications:

<http://info.ag.uidaho.edu/Catalog/catalog.html>

Oregon

Oregon State University
Extension Service
Contact Mike Gamroth: 541-737-3316

<http://extension.oregonstate.edu/>

University Publications:

<http://extension.oregonstate.edu/catalog/>

Washington

Washington State University
WSU Extension

Contact Bob Simmons:
360-427-9670 ext. 690

<http://wawater.wsu.edu/>

University Publications:

<http://pubs.wsu.edu/>

Northwest Indian College

Contact Dan Burns:
360-392-4328

dburns@nwic.edu or

<http://www.nwic.edu/>

Water Resource Research Institutes

Water and Environmental Research
Center (Alaska)

<http://www.uaf.edu/water/>

Idaho Water Resources
Research Institute

<http://www.boise.uidaho.edu/>

Institute for Water and
Watersheds (Oregon)

<http://water.oregonstate.edu/>

State of Washington
Water Research Center

<http://www.swwrc.wsu.edu/>

Environmental Protection Agency

EPA, Region 10

The Pacific Northwest

<http://www.epa.gov/r10earth/>

Office of Research and Development,
Corvallis Laboratory

<http://www.epa.gov/wed/>

For more information contact
Jan Seago at 206-553-0038 or
seago.jan@epa.gov

The Project

Land Grant Universities, Water Research Institutes, and EPA Region 10 have formed a partnership to provide research and education to communities about protecting or restoring the quality of water resources. This partnership is being supported in part by the USDA's Cooperative State Research, Education, and Extension System (CSREES).

Our Goal and Approach

The goal of this Project is to provide leadership for water resources research, education, and outreach to help people, industry, and governments to prevent and solve current and emerging water quality and quantity problems. The approach to achieving this goal is for the Partners to develop a coordinated water quality effort based on, and strengthening, individual state programs.

Our Strengths

The Project promotes regional collaboration by acknowledging existing programs and successful efforts; assisting program gaps; identifying potential issues for cross-agency and private sector collaboration; and developing a clearinghouse of expertise and programs. In addition, the Project establishes or enhances partnerships with federal, state, and local environmental and water resource management agencies, such as by placing a University Liaison within the offices of EPA Region 10.



Special thanks to the Johnson family for the above image taken at Eklutna Lake, AK.

National Water Quality Program Areas

The four land grant universities in the Pacific Northwest have aligned our water resource extension and research efforts with eight themes of the USDA's Cooperative State Research, Education, and Extension System.

1. Animal Waste Management
2. Drinking Water and Human Health
3. Environmental Restoration
4. Nutrient and Pesticide Management
5. Pollution Assessment and Prevention
6. Watershed Management
7. Water Conservation and Management
8. Water Policy and Economics

CSREES is the Cooperative States Research, Education, and Extension Service, a sub-agency of the United States Department of Agriculture, and is the federal partner in this water quality program.