

Entiat Water Resource Inventory Area (WRIA) 46 Management Plan

October 2004



Entiat Valley, 1914

Entiat WRIA 46 Planning Unit Mission Statement:

“To voluntarily bring people together to improve communication, reduce conflicts, address problems, reach consensus, and implement actions to improve natural resource management on associated private and public lands in the Entiat WRIA 46.”



Prepared for the Entiat WRIA Planning Unit by
the Chelan County Conservation District

**ENTIAT
WATER RESOURCE INVENTORY AREA (WRIA) 46
MANAGEMENT PLAN**

Submitted pursuant to the
Washington Watershed Planning Act
Chapter 173-546

Prepared for
the Entiat WRIA Planning Unit
by the Chelan County Conservation District

Prepared under
Washington Department of Ecology
Grant No. G9900034

October 2004

LANDOWNER PREFACE

During the past several years the Entiat Coordinated Resource Management Planning (CRMP) group and Entiat WRIA Planning Unit have carefully assessed the Entiat and Mad River watersheds in Water Resource Inventory Area (WRIA) 46. It was due to the concern and hard work of local residents and the technical advisory committee many years ago that what began as a resource assessment evolved into a management plan rather than remaining a study.

An assessment or a study by itself only serves to collect dust. By creating this plan, we show how "optimum utilization" (see below) of existing water resources can enhance fish habitat, allow for growth, protect the integrity of the stream, and maintain or improve water quality.

"Optimum utilization of flow" is a term unique to the Entiat WRIA 46. It is a term that takes into consideration the need for enhanced habitat, governmental requirements for planning, and the rights of property owners. This delicate balance can easily be tipped even with the best intentions. Our goal was to make a plan that could be supported by humans regardless of their political persuasion and at the same time welcomed by the aquatic life present within the boundaries of the riparian zone. "Optimum utilization of flow" not only stops any further degradation of the riparian zone, it maximizes the stream itself for human and aquatic life. Since water holds the key to all forms of life, it is imperative to see that water in the Entiat valley is cycled and recycled in a way that provides habitat for aquatic life while maintaining existing human use, and allowing for growth.

We have identified ways to use water more efficiently, restore habitat for fish, address water temperature issues, and allow for future community and economic growth. Granted, there are some problems such as siltation (resulting from washouts after the big fires), which are not initially going to be fixed; it will be those issues that literally could take hundreds of years to alleviate. We therefore chose to use the best science possible and optimize water use.

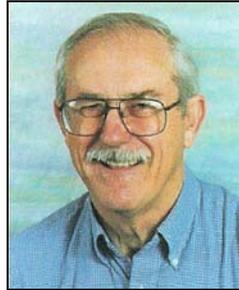
The unique solutions presented in this document to address resource problems could very likely set a precedent in the State of Washington as the most comprehensive river rehabilitation that has been attempted. Please take time and review what we have done! It took us ten years to get to this true point of beginning and many pitfalls faced by other watersheds might be avoided if some of these techniques are used.

Although the largest use of water (other than for fish habitat) in the Entiat WRIA is farming, it must be noted that due to the narrow valley floor farming has no significant place to expand. Water use associated with farming has also substantially declined through the use of technology. Continued wise use of water by this industry can only benefit fish habitat, and through education and communication aquatic habitat will be enhanced. To maximize the many positive effects optimum utilization will have on our society, we must sell our solutions to the end user or problems will only get half solved. We are not interested in being only half successful. As a group of local people with the support of technical people, we will sell this common sense approach of "optimum utilization of flow."

Russell Griffith, ca. 1998 [2003 revision]

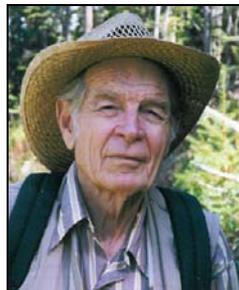
DEDICATION

This Plan is dedicated to the past, present and future landowners and land managers who have been and will be the stewards of the resources in the Entiat. These people are well represented by the current members of the Planning Unit recognized in the Acknowledgements section. In addition, we would like to specifically recognize the following two individuals who were significant contributors to this long-term, collaborative effort.



Phil McColley (1933-2002)

Representing the Chelan County Conservation District, Phil played a critical role in spurring the initial organization of the planning effort in 1993-1994. His guidance helped to bring together the small group that developed the Vision and Goals statement that initiated the first series of meetings, leading to the Coordinated Resource Management Planning phase of this effort. At the time, Phil had just retired from a long and productive career as a Forest Service soil scientist. He was a very strong advocate of the Conservation District and served on the Board for a number of years, including 3 years as Chairman. Phil had a vision of what could be done if people were brought together within the right environment. Phil was a dedicated physical scientist with an attitude ahead of his time, a tremendous mentor, a long time supporter of local theatre and a solid bass singer!



Marvin Hoover (1916-2003)

As a member of both the CRMP Group and Planning Unit, Marv played a critical role in nurturing the progress of this collaborative effort. He often provided a fresh perspective on issues that helped the group assess its position and identify its path. His contributions during meetings and field trips, his insightful written input, and support of individuals involved continue to help provide a strong foundation for the effort. Marv was retired from a distinguished career as a Forest Service research hydrologist and served with the group as the representative of the North Central Washington Audubon Society. Marv carried a strong vision of how things could be and should be. He was a gentle man, a gentleman, a thoughtful mentor, and a respected scientist with a passion for all living things.

ACKNOWLEDGEMENTS

Many people and organizations have been involved with the Entiat planning effort since 1993, as illustrated by the long list of individuals and interests in the following section. We appreciate the fact that this Plan is the culmination of a multitude of individual and collective efforts, working toward a common end. We have made every effort in the following text to identify all those who should be acknowledged; however, we may have inadvertently omitted some group or individual. If you note any such omission, please let us know so that the error can be corrected in subsequent updates of this document.

NOTE: All official entities/representatives on the Entiat WRIA 46 Planning Unit (convened in 1999) are listed in bold. The Planning Unit was convened under the guidance of the Washington State Watershed Planning Act (Chapter 09.82 RCW).

Over the past eleven years numerous individuals have spent countless hours working toward the watershed vision that is captured in the content of this document. Some of the details of how this planning effort started are captured in the Landowner Preface. Much of our success over time can be attributed to having the right people taking the right steps at opportune times, along with our tendency to move forward at a moderate, steady pace—adapting to new situations as they arise. The Entiat’s well-focused group of stakeholders has taken lessons from the past and the best available information from the present to help guide its progress toward achieving the future defined by our Mission Statement and Goals.

First, thanks must be extended to the Entiat Chamber of Commerce for sponsoring a series of public information meetings in 1992-1993 that helped to focus the need for this locally-driven planning effort. The Chamber also stepped forward in late 1993 to co-sponsor the initial organizational meetings and has continued to be a strong supporter of the planning effort.

A dedicated group of Entiat landowners started/participated in the first watershed study organizational meetings early in 1994, and are still actively working as members of the Entiat Watershed Planning Unit: **Conard Petersen, Ray Sandidge, Jim Small, Jon Small, Russell Griffith, and Karin Whitehall (USFS)**. Their longstanding, voluntary commitment to the Entiat planning process is truly remarkable, commendable, and an example to others. The balance between community and ecological considerations reflected throughout the Plan is due in large part to their wisdom, input, and continued support of and belief in the Entiat process.

We also acknowledge past Chelan County Conservation District Board Chair Phil McColley and Al Shannon (first planning group Chairman), Andrea Mann (NRCS), **Jim Fisher (BLM)**, and Rick Edwards (USFS) for their efforts in the initiation of the original planning effort (December 1993) and helping to develop the original mission statement, goals, stakeholders list and Coordinated Resource Management Planning (CRMP) process. WSU Cooperative Extension meeting facilitators Emmett Fiske, Tom Brannon, and Paul Tvergyak helped to keep the effort going during the early organizational meetings and throughout the process; facilitator Jeremy Pratt (Entrix, Inc.) helped us through our instream flow negotiations. Beginning in August 1994, Phil Jones’ (CCCD) efforts as watershed

coordinator kept the CRMP phase on track, especially in regard to his significant work assisting Entiat landowners through the process.

Special thanks are extended to officers and members of the Entiat Grange for providing a meeting location and Cathy Montgomery for her assistance and scheduling. The volunteers of CCRF #8 Fire Station are also recognized for providing meeting space at the main fire station, and helping to share information with other members of the community about the Entiat process. The Entiat Community Historical Society and long-time valley residents Haven Stanaway, Phyllis Griffith, Albert Long, Kib Harris, along with Candace Corn (USFS) are recognized for their participation in the Entiat Valley History videotaping, help with the history section/table and supplying historic photos.

We are ever grateful for the continuing support of past and present members of the Chelan County Conservation District Board of Supervisors: (past) Phil McColley, Conard Petersen, Dale Fry, Scott McManus, Bob Carleton, David Stalheim; (present) Joel Teeley, Frank Andrews, Jack Davis, Doug Petersen, and Larry Cordes. CCCD staff must also be recognized for their assistance and ongoing efforts (Valerie Hampton, Scott Wolf, and Mike Rickel). We would especially like to recognize Conservation District Administrator Peggy Entzel for her major role in keeping the Entiat effort on budget and moving forward.

State elected officials including Representative Clyde Ballard, Senator Linda Evans Parlette, Representative Cary Condotta, former Senator George Sellar and former Representative Gary Chandler have provided continuing support. Representative Chandler played a key role in the creation and passage of the ESHB 2514 legislation. Thanks are also extended to members of the current and past Salmon Recovery Funding Board, especially Chair William Ruckelshaus, for his support of assessment and restoration projects in the Entiat Watershed; and Governor's Salmon Recovery Office (and former Chelan PUD) representative Bob Bugert, for his long-standing and continued support of the Entiat watershed planning effort.

We recognize the commitment of the Initiating Governments and their role in starting and participating in WRIA 46 watershed planning: City of Entiat mayors (past) Juanita Allen and John Huselton, and Wendell Black (present); Chelan County Commissioners (past) Tom Green, John Wall, Earl Marcellus and John Hunter; and (current) Ron Walter, Buell Hawkins, and Keith Goehner. Special recognition is extended to late Chelan County Commissioner Esther Stefaniw for her efforts and dedication to locally-driven watershed planning, as well as **EWPU Initiating government representatives Bob Whitehall (City of Entiat); Keith Vradenburg (Entiat Irrigation District); and Mike Kaputa (Chelan County Commissioners)**. Bob and Keith are also acknowledged as dedicated landowner steering committee participants.

Other formal representatives to the original 1999 Entiat Planning Unit not previously mentioned include: Joe Williams and John Monahan (WDOE); Lee Carlson and Bob Rose (Yakama Nation); Marvin Hoover (NCW Audubon); Liz Tanke (Northwest Ecosystem Alliance); Kate Terrell (USFWS); Joe Kelly (BLM); Doug Allen (NRCS); Jeff Osborn (Chelan County PUD); Allen Hunter (Chelan-Douglas Health District); Steve Tift and Ron Simon (Longview Fibre Co.), and Entiat valley landowners Hal Hawley and Jon Stephan.

Particular thanks must be also be given to other local landowners Keystone Ranch/Dale Foreman, Mike Asher, Don Hawley, Jon Stephan, John Hinton, Mike Small, Bill Small, Karen Whitehall, Diane Gould, Al and Jack Asher, Cheri Marsh, Don Roundy, Randy Whitehall, Mike Sandidge and Ted Stevens for providing input to the process, helping to spread the word, and/or participating in project implementation throughout the years. Also, we are grateful to all additional valley residents who have come to community meetings, volunteered previously and/or continue to participate in EWPU data collection and habitat restoration initiatives.

Others who have provided input and assistance along the way include: Polly Zehm, Kevin Brown, Darlene Frye, Chris Hall, William Ehinger, John Milton, Derrick Sandison, Doug Rushton, Casey Clishe, Brad Caldwell, and Ron Dixon (WDOE); Russell Faux (Pacific Watershed Institute); Dana Peterson (BLM); Tom Ring and Bill Beckley (Yakama Nation); Joe Peone, Hilary Lyman, Scott Edson, and Chris Fisher (Colville Confederated Tribes); Steve Hayes (Chelan County PUD); Justin Erickson and Karl Lillquist (CWU); Lee Faulconer (WA Dept. of Ag.); Rick Parkin and Dan Robinson (USEPA); Ken Hyde (NCW RC&D); Gary Mitchell, Shiraz Vira, Larry Cooke, Kevin Guinn and Brian Sangster (NRCS); Frank Easter, W. Barry Southerland, Mark Schuller, Michael Burton, David Brower, Bianca Streif and Joan Mattson (NRCS Stream Team); Dave Carie, Malenna Cappellini, Jeff Thomas, Brian Cates, William Edwards, Tim McCracken, Sandy Noble, R.D. Nelle and Chuck Hamstreet (USFWS); Bob Knippel, Nancy Zornes, and Pat Murphy (USFS); Ken Bovee, Terry Waddle, Ray Smith, Galen Schuster, and Bill Taylor (USGS); Carmen Andonaegui and Ed Manary (Washington Conservation Commission); Gordon Congdon (CDLT); Greg Knott and Steve Kolk (USBR); Barb Swanson (NW Ecosystem Alliance); Richard Spencer Mills, Terry Nowka, Christina Katz, Jean Postlethwaite and David Jensen (Chelan County); Katherine March, Bob Steele, Tracy Lloyd, Dr. Robert Vadas, Jr., Greg Huckle, and John Musser (WDFW); Shari Schaftlein (WDOT); Jim Fox (IAC); Janet Andreas (Entiat Chamber of Commerce); John Dohrmann (Puget Sound Water Quality Action Team); Steve Wells (CTED); Erik Fairchild (WA Dept. of Health); Bill Jolly (WA Parks and Recreation Commission); Michael Cada (Farm Service Agency); Dale Bambrick and Kale Gullett (NOAA Fisheries); Woody Trihey and Tina Gary (Entrix, Inc.); Brent Billingsley, Sheri Felix, Craig Partridge and Lanny Quackenbush (WDNR); Jon Soest, Mark Oswood and Kim Lohse (North Central Washington Audubon Society); and past/present Washington Conservation Corps (WDOE) crews.

Special technical thanks are extended to Bob Barwin, Jim Pacheco, and Brad Caldwell (WDOE); and Hal Beecher, Dennis Beich, and Mark Cookson (WDFW) for water resources and instream flow technical input and ongoing policy support integral to implementation of the WRIA 46 Plan; to Gran Rhodus (Retired Forest Service Hydrologist) for continued assistance with water resource analyses; to Kurt Hosman (CCCD) for his support and role as water resources specialist; to Ross Hendrick for his work on the SNTMP model and ongoing research contributions; and to Joe Lange (NRCS) for his engineering expertise and continued assistance with the design and implementation of Entiat projects.

Deep gratitude and appreciation are extended to John Monahan (WDOE and State Caucus representative on the Planning Unit) for his continued high level of involvement and inspiration, technical and policy input, and as a key mechanic of all aspects of the Entiat's 2514 process; to Phil Archibald (USFS), for his institutional memory, contributions to the

Entiat and Mad River watershed habitat portions of the plan, and ongoing monitoring of fish habitat (in addition to numerous other contributions); and to Rick Edwards (USFS), for contributions too numerous to list and for uncountable hours spent on this effort from 1993 to the present (and for being meeting note-taker extraordinaire and quality control expert).

Last but not least we thank Phil Jones and Sarah M. Walker as co-coordinators of the Entiat Planning Unit. Their roles supporting the Planning Unit span all aspects of the watershed planning effort including, but not limited to: coordinators, authors, facilitators, administrators, grant applicants/managers, field crew, technical support, data managers, counselors, problem solvers, and cheerleaders. There can be no doubt this Plan would not be the coherent, cohesive and comprehensive product it is were it not for their intelligent guidance, tenacity, stick-to-itiveness, patience, and confidence.

With sincere appreciation to all,

Joel Teeley, Chair
Chelan County Conservation District Board of Supervisors