

## ***ATTACHMENT 5***

### ***2006 WATER RESOURCE PLAN RECOMMENDATIONS***

The following goals and objectives have been approved for the 2006 Water Resource Plan Recommendations. A preliminary Implementation Strategy identifying the activities, time frame, responsible entities, and resources required for each Goal and Objective has been developed. The preliminary Implementation Strategy will be refined once the Natural Resource Department has been established. The final strategy will be used to complete the annual evaluation of progress in meeting the goals and objectives outlined in the plan and establishing recommendations for 2007.

#### **Goal 1. Maintain White Pine County's environmental quality:**

##### *Recommendations:*

1. Establish a County Natural Resource Department to provide staff and expertise required to carry out the water resources program.
2. Develop the water resources inventory and baseline, identify standards of Environmental quality, areas of critical environmental concern, and areas Demonstrating loss of environmental quality.  
Initiate a monitoring program
3. Initiate a monitoring program.
4. Work with the State Engineer to refine information available to identify supplemental water commitments.
5. Work with the State Engineer and scientific community to refine estimates of evapotranspiration rates as an indication of the water resources required in each basin to maintain existing environmental quality.
6. Work with the State Engineer and senior water rights holders to file appropriate requests and develop a time frame for adjudication of vested rights in White Pine County's primary basins and others as needed.
7. Establish procedures for annual review and implementation of strategies to maintain and improve environmental quality
8. Complete the Update of the County Land Use Plan and Public Land Use Policy and integrate recommendations with the recommendations of the Water Resource Plan. Coordinate all natural resource, economic development, and community development planning.

**Goal 2. Meet the needs of the Citizens of White Pine County**

*Recommendations:*

1. Identify economic development potential and water resource requirements by industrial sector for each hydrographic basin in White Pine County
2. Identify Steptoe Valley as an area of special concern because of the range of potential economic activity requiring water.
3. Coordinate recommendations of White Pine County's Land Use Plan, Open Space Plan, and Comprehensive Economic Development Strategy with the Water Resources Plan

Water Resource Action Plan

Goal/Objective	Activity	Time Frame	Responsible Entity	Resources Required
<p><b>Goal 1:</b>  <b>Maintain White Pine County's environmental quality</b></p>				
<p><b>Objective 1:</b>  <b>Establish a County Natural Resource Department</b></p>	<p>Budget funding</p> <p>Establish format to provide the natural resources program, develop the job description/RFP</p> <p>Advertise/Hire, Contract Natural Resource Director</p>	<p>July, 2006</p> <p>September, 2006</p> <p>October, 2006</p>	<p>White Pine Co/Dept of Taxation</p> <p>Water Advisory Committee/County Commission/Dept of Taxation</p> <p>Water Advisory Committee County Commission/Department of Taxation</p>	<p>Budgeted, \$100,000</p> <p>Staff and Volunteer time</p> <p>Advertising Costs Staff time, legal assistance, contract</p>
<p><b>Objective 2:</b>            Initiate the water resource inventory and baseline; identify areas of critical environmental concern, areas demonstrating loss of environmental quality and standards of environmental quality</p>	<p>a) compile water resource data, field study, collect public input</p> <p>b) Coordinate with BARCASS, USFS Spring inventory, other efforts to identify water resources</p> <p>c) Define Areas of Critical Environmental Concern, standards of environmental quality, criteria for designating loss of environmental quality</p> <p>d) Establish County GIS system for water resource baseline and monitoring using Lumos data base</p>	<p>November 1- June 30, 2007</p>	<p>Natural Resource Director</p> <p>Water Advisory Committee</p>	<p>Staff Time</p> <p>GIS equipment and software</p> <p>Travel expense, equipment, field study</p>

## Water Resource Action Plan

Goal 1:	Activity	Time Frame	Responsible Entity	Resources Required
<b>Objective 3:</b> Improve data available to understand White Pine County's water resources	1. Work with State Engineer to define supplemental water Commitments in each of the County's basins 2. Work with State Engineer and scientific community to refine estimates of evapotranspiration rates for each of the County's basins 3. Work with State Engineer and water rights holders to pursue adjudication of vested water rights in the County's primary basins and others as needed.	April-June, 2007 initiate effort  April-June, 2007 initiate effort  April-June, 2007 initiate effort	Natural Resource Director Water Advisory Committee  Natural Resource Director  Natural Resource Director	Staff Time  Staff Time, potential need for grants to support studies  Staff Time, potential need for outside funding to support legal efforts
<b>Objective 4</b> Initiate a Monitoring Program	a) define monitoring goals and objectives, outline monitoring priorities, time frames b) implement monitoring program as defined	December 1, 2006-1-Mar-06  March 1-June 30 2007	Natural Resource Director Water Advisory Committee  Natural Resource Director	Staff and volunteer time  Staff time, travel and equipment expense
<b>Objective 5</b> Establish and implement strategies to maintain and improve environmental quality, including annual review and evaluation	a) identify and implement strategies: 1) Coordination with Landscape Restoration efforts 2) Water Conservation Plans 3) Implementation of Mitigation Procedures b) Quarterly updates on issues,	December 1 2006-March, 2007  March 31, June 30,	Natural Resource Director Water Advisory Committee, County Commission  Natural Resource Director	Staff and volunteer time  Staff time

Water Resource Action Plan

	implementation, progress to Water Advisory Committee, County Commission c) Annual evaluation of progress in accomplishing Goal 1 and objectives, annual recommendations for Water Resource Plan	June, 2007	Natural Resource Director, Water Advisory Committee County Commission/Regional Planning Commission	Staff and Volunteer Time
<b>Objective 6</b> Complete update of County Land Use Plan, Public Land Use Policy, integrate recommendations with Water Resource Plan, Coordinate natural resource, economic dev. and community dev. Planning	Update Land Use Plan  Update Public Land Use Policy  Complete 2007 C.E.D.S. Integrate planning recommendations	July - November 06  July- December 06  April-June 2007 July 06-June 07	R.P.C., E.D.C. Staff  State Land Use Planning Agency PLUAC, State Land Use Planning E.D.C., County Commission R.P.C., PLUAC, Water Adv. Committee, E.D.C. Staff	Staff and Volunteer Time, Assistance from State Lands Division
	Activity	Time Frame	Responsible Entity	Resources Required
<b>Goal 2: Meet the needs of the Citizens of White Pine County</b>				
<b>Objective 1:</b>				
Identify economic development potential by industrial sector for each primary hydrographic basin in White Pine County	a) coordinate research on economic development potential with state and federal agencies, 1) potential for alternative crops based on climate and soil 2) potential for mineral and oil development 3) potential for renewable energy And other industrial activity based On location, transportation, Transmission, and natural resources	July 06-June 07	E.D.C. staff coordinating with Natural Resource Director E.D.C., Water Adv. Committee, PLUAC	Staff and volunteer time, Assistance from UNR Extension, Center for Economic Development

Water Resource Action Plan

<b>Objective 2:</b>				
Identify Steptoe Valley as an area of special concern because of the range of potential economic activity requiring water	<p>a) economic development potential analysis for Steptoe Valley including agriculture, residential, municipal, industrial energy development, mineral and oil, and recreation and tourism potential, current use, potential and possible development; population growth, and water use</p> <p>b) identify current and potential needs in Steptoe Valley and incorporate specific recommendations into 2007 Water Resource Plan evaluation, Land Use, and Public Land Use plans</p>	October 1-2006 - March, 2007	E.D.C. Staff, coordination with Natural Resource Director E.D.C., Water Adv. Committee PLUAC, RPC	Staff and volunteer Time, Assistance from UNR Extension, Center for Economic Development
<b>Goal 2:</b>	<b>Activity</b>	Time Frame	Responsible Entity	Resources Required
<p><b>Objective 3:</b> Coordinate recommendations of White Pine County's Land Use Plan, Open Space Plan, Comprehensive Economic Development Strategy with the Water Resources Plan</p>	<p>Update Land Use Plan</p> <p>Update Public Land Use Policy</p> <p>Complete 2007 C.E.D.S. Integrate planning recommendations</p>	<p>July - November 06</p> <p>July- December 06</p> <p>April-June 2007 July 06-June 07</p>	<p>R.P.C., E.D.C. Staff</p> <p>State Land Use Planning Agency PLUAC, State Land Use Planning</p> <p>E.D.C., County Commission R.P.C., PLUAC, Water Adv. Committee, E.D.C. Staff</p>	<p>Staff and Volunteer</p> <p>Time, Assistance from State Lands Division</p>