



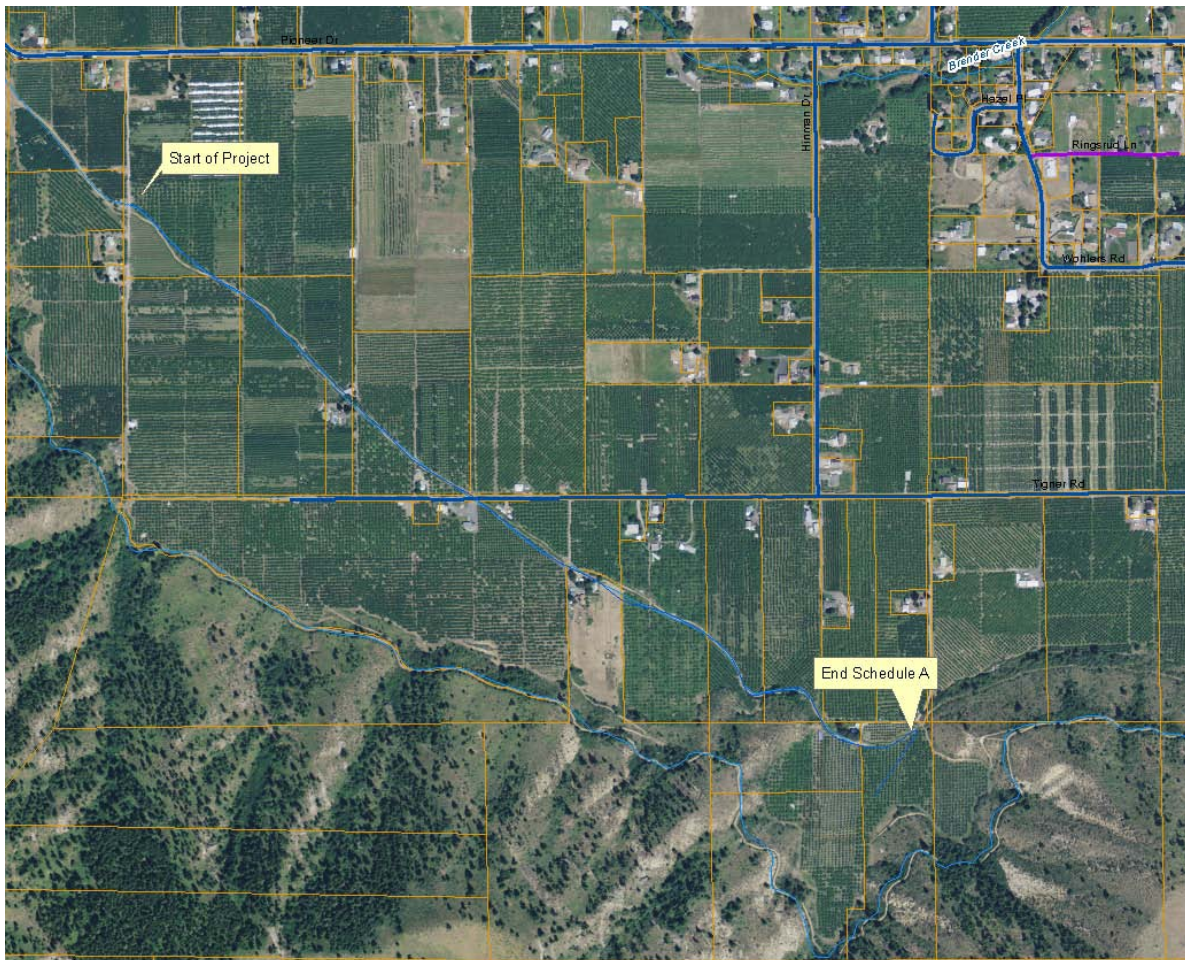
## Chelan County Natural Resource Department

# Peshastin Irrigation District Piping Project

## PROJECT FINAL REPORT

**Submitted by: Alan Schmidt  
June 10, 2009**

316 Washington Street, Suite 401, Wenatchee, WA 98801  
Phone (509) 667-6567 Fax (509) 667-6527



### **Peshastin Irrigation District Piping Project Description**

The goal of this project is to implement the conversion of 6000 lineal feet of open canal to closed pipeline. Updates to diversion and water screening are included. Water savings will be part of the states Trust Water Rights Program.

The Chelan County Natural Resources Department began project planning in February of 2006. Working with the Peshastin Irrigation District, Bureau of Reclamation and Anchor Environmental to identify project goals and methods the Natural Resource Department concluded water savings would increase instream flows of Peshastin Creek.

### **Public Outreach**

The design team met with the Peshastin Irrigation District Board of Commissioners to get their support for the project. Conceptual design criteria and funding estimates were established. The District notified their growers as to the project proposal and received support for the conversion of the conveyance canal to a piped system. Details for establishing the agreement for water savings with the Peshastin Irrigation District.

### **Construction**

Construction contract was awarded to Mountain West Construction on September 21, 2009. Materials were ordered and stockpiled at the Peshastin Irrigation District equipment yard anticipating beginning of construction in mid March 2010.



**Materials were ordered and stockpiled at the Peshastin Irrigation District equipment yard.**





**Existing canal conveyance system.**



**Pre-project required extensive landowner coordination.**



**Mountain West controls excavation to sub-grade elevation.**



**Excavation began at Sta. 144+00 at the end of “Schedule A”.**



**Mountain West crew installed pipe in accordance with the plans and specs.**



**Pavement restoration at pipeline crossing with Tigner Road was completed after installing new 36-inch pipe.**



**Construction proceeds with no delays. Mountain West installs an average of 600 lineal feet per day.**



**Mountain West crew excavates to sub-grade.**



**Delivery of pipe bedding and select backfill.**





**Work continues through unseasonable inclement weather.**



**Delivery of flow control structure at Sta. 69+45.**





**Connection of 36-inch pipe to flow control structure. Interior control gates installed.**



**Steve Kolk Bureau of Reclamation Liaison, Jim Kempel and Darrell Harnden, Peshastin Irrigation District Board members and Brian Johnson Jr., Mountain West Construction inspecting work to date.**



**Pinhole leaks discovered after substantial completion.**

**Final Change Order #2 results in the addition of \$505.73 to original contract amount for Schedule A of \$633,189.40.**

<b>TOTAL ADD</b>	<b>\$505.73</b>
------------------	-----------------

<b>The original contract sum was</b>	<b>\$633,189.40</b>
--------------------------------------	---------------------

<b>The net change by previously authorized Change Orders</b>	<b>\$0.00</b>
--	---------------

<b>The new Contract Sum including this Change Order will be</b>	<b>\$633,695.13</b>
---	---------------------