

Draft / Worksheet

Application / Final

date rcvd. \_\_\_/\_\_\_/\_\_\_



## CONSOLIDATED APPLICATION FORM IRRIGATION EFFICIENCIES GRANTS PROGRAM / TRUST WATER RIGHTS PROGRAM



(Check all that apply.)

 Temporary

IF TEMPORARY, START DATE \_\_\_/\_\_\_/\_\_\_

END DATE \_\_\_/\_\_\_/\_\_\_

 Permanent Portion of the identified existing water right**RECEIVED****JUN 13 2011**

DEPARTMENT OF ECOLOGY - CENTRAL REGIONAL OFFICE

**\*\*IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS (PLEASE PRINT OR TYPE CLEARLY)\*\*****1. Recipient Information:** Yes  No Does the Recipient own all water rights pertinent to this project proposal?

APPLICANT/BUSINESS NAME Anderville Farms, Inc	PHONE NO. (509) 856-7928	FAX NO. ( )
ADDRESS PO Box 397		
CITY Ellensburg	STATE WA	ZIP CODE 98926

**2. How is Water to be Made Available for Trust from Manastash Creek**

<input type="checkbox"/> Alteration in method of diversion	<input type="checkbox"/> Alteration in water use/ irrigated acreage
<input type="checkbox"/> Alteration in method of delivery/conveyance	<input checked="" type="checkbox"/> Alteration in method of water application
<input type="checkbox"/> Other, Explain:	

Project Summary (Please be specific about every detail):

This Irrigation Efficiencies project is part of the Manastash Creek Restoration Project which is working to improve fish habitat for listed Mid-Columbia summer steelhead, as well as other salmonids and resident fish species, by providing fish passage and fish screening and enhancing instream flow in Manastash Creek. The project is working to open 25 miles of fish habitat in the Creek by providing fish passage and screening for seven irrigation diversions and by improving instream flow in a 3-mile stretch of Creek that is seasonally dry.

The Manastash Creek Restoration Project "Implementation Plan" details improvements to instream flow conditions in Manastash Creek through voluntary water conservation and acquisition projects.

The project area is currently irrigated with wheelline sprinklers and gated pipe rill irrigation systems. 12 acres will remain in wheelline, 12 acres will be converted from rill irrigation to wheelline sprinklers and 83 acres to be converted to a lateral move sprinkler. The remaining property will remain in rill irrigation. Approximately 17 acres of the project area are not covered by Manastash Creek water but is irrigated with Kittitas Reclamation District (KRD) water. All of the land has supplemental water right to KRD.

In addition to receiving funding from the Irrigation Efficiencies Program, the Anderville Farms sprinkler conversion project will receive funding from NRCS's Agricultural Water Enhancement Program and the Bonneville Power Administration.

COURT CLAIM 01950  
SUB 11 MANASTASH  
06-30-1872

CS4-01950-5b11

54-83516-5 CFO

### 3. Project Cost Share Information

LEASE LENGTH PROPOSAL (IN YEARS)	<u>Perpetuity</u> YEARS
PROPOSED WATER SAVINGS AMOUNT (CFS)	<u>0.89</u> CFS
PERCENTAGE OF TOTAL WATER SAVINGS TO TRUST	<u>82</u> PERCENT
ESTIMATED COST OF PROJECT PROPOSAL	\$ <u>118,000</u>
NUMBERS OF ACRES SERVED BY THIS PROPOSAL	<u>84</u> ACRES
COST PER ACRE	\$ <u>1,404.76</u>
COST PER CFS	\$ <u>132,584.26</u>

## WATER RIGHT DESCRIPTION

### 4. Water Right Holder Information

If water right holder is the recipient, please skip to number 4.

NAME (IF DIFFERENT FROM ABOVE)	PHONE NO. ( )	FAX NO. ( )
IS THE WATER RIGHT HOLDER AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ADDRESS		
CITY	STATE	ZIP CODE

### 5. Water Right Information:

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established. Also, if you have a water system plan or conservation plan, please include a copy with your application.

WATER RIGHT OR CLAIM NUMBER <u>01950</u> <u>02253</u>	RECORDED NAME(S) Anderville Farms, Inc. Anderville Farms, Inc., Clay McMechan, Jr
DO YOU OWN THE RIGHT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, PROVIDE OWNER(S) NAME and ADDRESS:	
HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ARE WATER DIVERSIONS/WITHDRAWALS OF THIS WATER RIGHT METERED OR MEASURED?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ARE PUMP-POWER RECORDS AVAILABLE FOR THE LAST FIVE YEARS?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ARE AERIAL PHOTOS OF THE PROJECT SITE AVAILABLE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ARE FSA CROP RECORDS AVAILABLE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ARE THERE ANY OTHER RIGHTS, CLAIMS, OR RELEVANT CHANGES ASSOCIATED WITH THE PROJECT AREA?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
IMPORTANT! PROVIDE INFORMATION OF THE EXTENT OF WATER USE FOR EACH OF THE LAST FIVE YEARS:	

## 6. Project Water Information

NUMBER OF ESA OR SASSI LISTED SPECIES IN AFFECTED TRIBUTARY? <p style="text-align:center">two</p>											
MONTHS CRITICAL TO LISTED SPECIES? (PLEASE HIGHLIGHT OR CIRCLE) <div style="display: flex; justify-content: space-between; font-size: small;"> <span>January</span><span>February</span><span>March</span><span>April</span><span>May</span><span>June</span><span>July</span><span>August</span><span>September</span><span>October</span><span>November</span><span>December</span> </div>											
MONTHS WHEN PROJECT WATER SAVINGS WILL INCREASE INSTREAM FLOW IN PROJECT TRIBUTARY? <div style="display: flex; justify-content: space-between; font-size: small;"> <span>January</span><span>February</span><span>March</span><span>April</span><span>May</span><span>June</span><span>July</span><span>August</span><span>September</span><span>October</span><span>November</span><span>December</span> </div>											
HISTORIC / BENEFICIAL USE QUANTITY OF THE WATER RIGHT? (Highest of the last 5 irrigation seasons; in instantaneous rate and annual quantity) CFS <u>2.586 April 1-June 30 - 1.293 July 1-October 31</u> AF <u>791.3</u>											
TOTAL QUANTITY OF PROJECT WATER SAVINGS? CFS <u>1.089</u> AF <u>187.53</u>											
WILL THE INSTANTANEOUS RATE SAVINGS VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (Please list quantities by month) <div style="display: flex; justify-content: space-between; font-size: small;"> <span>January</span><span>February</span><span>March</span><span>April</span><span>May</span><span>June</span><span>July</span><span>August</span><span>September</span><span>October</span><span>November</span><span>December</span> </div> <p style="text-align:center">1.089-----/ 0.5445-----/</p>											
QUANTITY OF PROJECT WATER SAVINGS TO TRUST? CFS <u>0.89 April 1-June 30 - 0.445 July 1-October 31</u> AF <u>153.3</u>											
WILL THE INSTANTANEOUS RATE SAVINGS APPLIED TO THE TRUST VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (Please list quantities by month) <div style="display: flex; justify-content: space-between; font-size: small;"> <span>January</span><span>February</span><span>March</span><span>April</span><span>May</span><span>June</span><span>July</span><span>August</span><span>September</span><span>October</span><span>November</span><span>December</span> </div> <p style="text-align:center">0.89-----/ 0.445-----/</p>											
<p>At present, a 3.25 mile reach of lower Manastash Creek is seasonally dewatered by irrigation water withdrawals. Portions of this reach naturally "lose" water to the aquifer and may go dry on some or all years regardless of water diversions. Under present conditions and recent historical diversions, when the stream flow (during an average water year) above the MWDA diversion drops to around 60 cfs, the stream flow in the reach below Cove Road becomes dry and the Anderson Diversion is no longer able to divert. When the stream flow (during an average water year) above MWDA is between approximately 50 and 60 cfs, virtually all instream flow is diverted by MWDA, and individual irrigators at Keach Ditch, Jensen Ditch and Reed Ditch and no flow passes the Reed Ditch diversion. The channel remains dry from the Reed diversion downstream approximately 3.25 miles to the crossing of the West Side Canal.</p> <p>Thus when creek flow reaches 60 cfs immediately upstream of the MWDA diversion it is insufficient to carry water to the Anderson POD. Therefore post July 1<sup>st</sup> trust water amounts will be prorated according the Conditional Final Order and historic availability.</p> <p>All Manastash Creek water rights are cut in half on July 1 of each year.</p>											
IS THE WATER RIGHT PART OF AN ADJUDICATED BASIN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS IN THE PRIMARY REACH: This water is Class 2 water. The second oldest water right in the primary reach.  EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS ABOVE AND BELOW THE PRIMARY REACH: There is one Class 1 water right above this right but there are no Class 1 water rights below although there is one other Class 2 water right below.											

## 7. Point(s) of Diversion/Withdrawal:

### A. Existing POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Manastash		SW	NE	7	17	18	308333 528433 ?	

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

**B. Proposed POD**

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Manastash		NW	NE	14	17	17	215133	

**8. Purpose of Use:**

**A. Existing Use of the Water Right**

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Irrigation (01950)	2.353		April 1 – June 30
Irrigation (01950)	1.177		July 1 – Oct 31
Irrigation (01950)		720.2	Annually
Irrigation (02253)	0.233		April 1 – June 30
Irrigation (02253)	0.117		July 1 – Oct 31
Irrigation (02253)		71.1	Annually

**B. Proposed Use of the Water Right**

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Irrigation (01950)	1.569		April 1 – June 30
Irrigation (01950)	0.785		July 1 – Oct 31
Irrigation (01950)		585.15	Annually
Instream Flows (01950)	0.784		April 1 – June 30
Instream Flows (01950)	0.392		July 1 – Oct 31
Instream Flows (01950)		135.05	Annually
Irrigation (02253)	0.127		April 1 – June 30
Irrigation (02253)	0.064		July 1 – Oct 31
Irrigation (02253)		52.85	Annually
Instream Flows (02253)	0.106		April 1 – June 30
Instream Flows (02253)	0.053		July 1 – Oct 31
Instream Flows (02253)		18.25	Annually

**9. Place of Use:**

**A. Existing:**

LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:							
(01950) – The NE1/4 NW1/4 and the NW1/4 NE1/4 of Section 8 and that part of the SW1/4 SE1/4 of Section 5, lying south of Manastash Creek, ALL in T.17N., R.18E.W.M.							
(02253) – That portion of the S1/2 NE1/4 NE1/4 of Section 8, T.17N., R.18E.W.M. lying westerly of the West Side Canal							
¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES
					Kittitas	18115, 18116, 18117, 18118, 18119, 18121, 18122, 18125, 058333, 698433, 708433	111.63
DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO – IF NO, PROVIDE OWNER(S) NAME:							

**B. Proposed:**

IDENTIFY THE WATER BODY TO BE BENEFITED OR OTHER PLACE TO BE BENEFITED
The trusted water will benefit Manastash Creek.

