

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO. CS4-01212CTCL / court claim 01212 (S4-84623-J)		
APPLICANT NAME Dave Brown, City of Yakima	CONTACT NAME Tyler Roberts	TELEPHONE NO. 509.454.4257
WATER RIGHT HOLDER'S NAME (if different) Old Union Irrigation Company		EMAIL tyro461@ECY.WA.GOV

DATE OF APPLICATION January 21, 2011	PRIORITY DATE June 30, 1878
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WATER SOURCE: Naches River	CROP: Irrigation of residential, commercial, and agricultural lands
INSTANTANEOUS QUANTITY:  CFO Qi quantities:  24.15 cfs April 1 – August 31, 16.10 cfs September 1 – 30, 12.08 cfs October 1 – 31.  Qi quantities for change:  13.40 cfs April 1 – Sept. 30, 12.08 cfs October 1 – 31.  Qi <u>groundwater</u> quantities for change:  0.68 cubic-feet per second (5.09 gpm) from April 1 through August 31.  0.45 cubic-feet per second (3.37 gpm) from September 1 through September 30.  0.34 cubic-feet per second (2.54 gpm) from October 1 through October 31.	ANNUAL QUANTITY:  CFO Qa quantities:  6670 acre-feet  Qa quantities for change:  5263 acre-feet  Qa <u>groundwater</u> quantities for change:  188.4 acre-feet
PERIOD OF USE: April 1 through October 31	
PLACE OF USE:  A narrative description of the place of use (POU) is given in the Draft Schedule of	PURPOSE OF USE:  Irrigation of residential, commercial, and agricultural lands

Rights for the Acquavella Surface Water Rights Adjudication:

“OU 23 as amended is the written description of Old Union’s place of use. The place of use is identified on OU 24, OU 25, COY 15E-1 (Upper Old Union), COY 15L-1 (Central Old Union), COY 15M-1 (Lower Old Union), and COY 15A-1 (City served parcels).”

This POU description includes:

- S 1/2 SE 1/4 of Section 10.
- S 1/2 SW 1/4 of Section 11.
- S 1/2 SE 1/4 of Section 11.
- S 1/2 SW 1/4 of Section 12.
- S 1/2 SE 1/4 of Section 12.
- NW 1/4 SE 1/4 of Section 12.
- N 1/2 NE 1/4 of Section 15.
- N 1/2 NW 1/4 of Section 14.
- N 1/2 NE 1/4 of Section 14.
- SE 1/2 NE 1/4 of Section 14.
- N 1/2 of Section 13.
- N 1/2 SW 1/4 of Section 13.
- N 1/2 SE 1/4 of Section 13.

All in Township 13 N., Range 18 E.W.M.

AND

- SW 1/4 SW 1/4 of Section 7.
- NW 1/4 NW 1/4 of Section 18.
- S 1/2 NW 1/4 of Section 18.
- N 1/2 SW 1/4 of Section 18.
- W 1/2 of Section 20.
- W 1/2 NE 1/4 of Section 20.
- SE 1/4 of Section 20.
- SW 1/4 NW 1/4 of Section 28.
- W 1/2 SW 1/4 of Section 28.
- Section 29.
- SE 1/4 NE 1/4 of Section 30.
- NE 1/4 NW 1/4 of Section 32.
- NE 1/4 of Section 32.
- W 1/2 NW 1/4 of Section 33.

All in Township 13 N., Range 19 E.W.M.

IRRIGATION METHOD:

Various

CONSUMPTIVE USE CALCULATION:

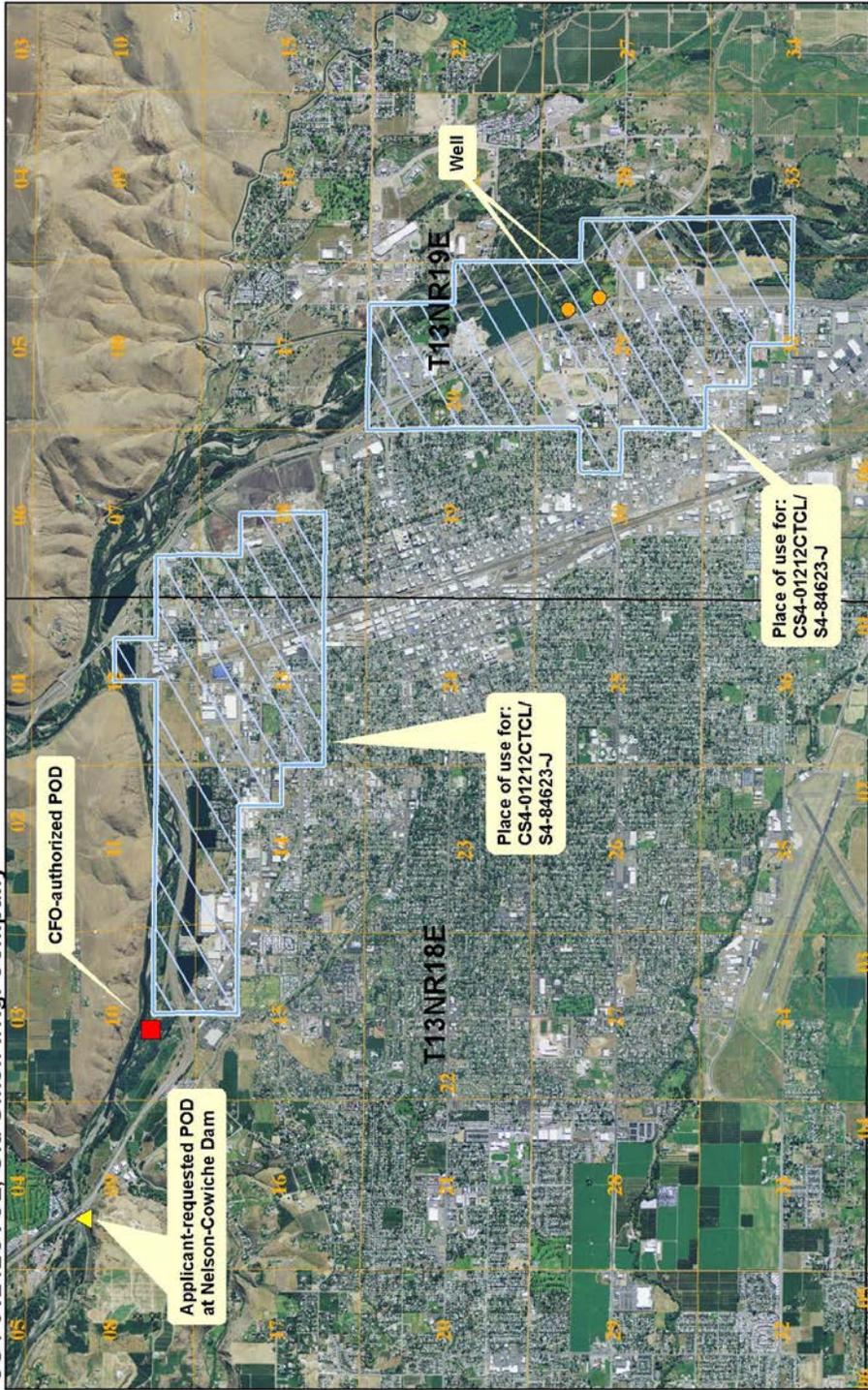
N/A

NARRATIVE DESCRIPTION OF PROJECT:

The requested consists of two source changes to adjudicated Court Claim S4-01212CTCL:

- 1) This application seeks to change the point of diversion from an existing diversion on the Naches River below Twin Bridges (at river mile 2.9), to the site of Nelson-Cowiche Dam upstream on the Naches River at river mile 4.0. No other attribute changes are proposed. The proposed move is a component in the consolidation of irrigation water diversions managed by the City of Yakima at the site of the proposed replacement dam structure. The applicant is proposing to move the point of diversion concurrent with reconstruction of the dam, which also serves to relieve stresses driven by problematic river aggradation. There is one intervening diversion for a relatively junior water right in the affected reach which is not expected to be impaired by the proposed change. The project as a whole will allow for removal of multiple irrigation structures and benefit floodplain function of upstream reaches.
- 2) Add two points of withdrawal (POW) to the subject water right to provide water for a 16-acre portion of the Yakima Arboretum. The two wells requested for addition already exist, and are serving another 16 out of 32 total acres of the Arboretum are irrigated under CG4-23039C@1. Use of these sources for partial irrigation of the Arboretum property were approved in a 2011 Yakima County Water Conservancy Board decision. Hydrogeologic evidence supports sufficient hydraulic continuity with the Yakima River such that the sources can be regarded as the same and the change viewed as a partial transfer 7 miles downstream.

CS4-01212CTCL, Old Union Irrig. Company



Legend

-  Applicant-requested Surface Diversion
-  CFO-authorized Surface Diversion
-  Applicant-requested Well
-  Place of use
-  Townships
-  Sections

0 1,875 3,750 7,500 11,250 15,000 Feet

DEPARTMENT OF  
**ECOLOGY**  
State of Washington

Map Date: 8/19/2015

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CLAIMANT NAME:

**Old Union Irrigation Company**

COURT CLAIM NO. 01212

Certificate Number: S4-84623-J

Subbasin: MC Major Claimants

Source: Naches River

Use: Irrigation of 566.4 acres of residential, commercial and agricultural land

Period of Use: April 1 through October 31

Quantity: 24.15 cubic feet per second and 6,670 acre-feet per year based on the following schedule of delivery: 24.15 cubic feet per second April through August; 16.1 cubic feet per second in September; 12.08 cubic feet per second in October

Priority Date: **June 30, 1878**

Point of Diversion: 1,250 feet south and 400 feet west of the center of Section 10, being within the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 10, T. 13 N., R. 18 E.W.M.

Place of Use: OU 23 as amended is the written description of Old Union's place of use. The place of use is identified on OU 24, OU 25, COY 15E-1 (Upper Old Union), COY 15L-1 (Central Old Union), COY 15M-1 (Lower Old Union) and COY 15A-1 (City served parcels)

Limitations Of Use: The instantaneous quantity that Old Union is authorized to divert includes 2.32 cfs confirmed to Simmons-Vaughn-Mabry Lateral under Court Claims No. 1511 and No. 3168(A), Subbasin No. 19 (Lower Naches River)