Walla Walla Watershed Management Partnership

For Fish. For Farms. For Everyone.

Title: Reser Farm Local Water Plan Agreement
Number: LWP-14-01
Proponents: Yancey Reser; Todd Reser

The Reser Farm Local Water Plan (LWP) Agreement is between Yancey and Todd Reser; the water management board, established as the Walla Walla Watershed Management Partnership; and the Washington State Department of Ecology. The Local Water Plan is subject to all conditions and provisions of Chapter 90.92 RCW, and is effective June 18, 2014 through the earlier of (1) the expiration of legislative authorization of the Walla Walla Watershed Management Partnership OR (2) June 18, 2024.

Part A - **Introduction**

This document is a Local Water Plan approved in accordance and consistent with RCW 90.92.

- The purpose of the Reser Farm Local Water Plan is to provide flexibility to the landowners' water use while enhancing instream flow conditions ("Flow From Flexibility"). Instream flow enhancement is anticipated for the West Little Walla Walla River, from roughly the upstream property boundary to the confluence with the Walla Walla River; for the Walla Walla River from Last Chance Road to the consolidated diversion at RM 39.2 and possibly as far downstream as its confluence with the Columbia River, depending on river conditions and diversion patterns.
- Instream flow enhancement will be enabled by:

  (1) shallow aquifer recharge (SAR) utilizing a portion (up to 1.0 cfs; up to 250 acre-feet/year) of the baseline water use for included surface water rights, from November 1 – May 30. A minimum of 5% of the baseline water use annual quantity for included surface water rights (26.79 acre-feet/year) will be recharged to the shallow aquifer and not subsequently withdrawn as "stored water" for irrigation, OR will not be diverted from the water source or used and will be considered banked and left instream for stream flow enhancement;

  (2) deposit of portions of the included water rights, in excess of the baseline water use quantities, into the Partnership Water Bank (0 cfs; 213.27 acre-feet/year);

  (3) maintenance of flexibilities for the landowners to obtain SAR rates and volumes via an Environmental Enhancement Project (EEP) permit from the State of Washington;

  (4) facilitation of conservation/restoration of up to 1.25 miles of the West Little Walla Walla River and associated wetlands/riparian areas, by enabling the landowners to relocate up to 45 acres of water rights, from lands adjacent to the West Little Walla Walla River to a non-irrigated, upland location on their property.

- Benefit to the landowners will be enabled by:

  (1) establishment of SAR as a tool for restoration of flows in the West Little Walla Walla River, as means to achieve conservation goals and to increase the reliability of their senior surface water rights (Class 11 and 27);

  (2) allowance that a portion of recharged surface water quantities will serve as "stored water," for potential recovery and use for irrigation from 6/1-11/1 {RCW 90.92.080(4)(c)}, to be withdrawn from one or more shallow aquifer wells authorized by this Local Water Plan as point(s) of diversion/withdrawal for all included surface water rights, provided that baseline water use for these water rights is not exceeded. Restrictions on the stored water portion are described in Part B, Section 4(5);

  (3) establishment of a new place of use for all water rights associated with bottomland acreage adjacent to the West Little Walla Walla River (up to 45 acres), allowing for conservation/restoration and SAR without loss of irrigated acreage;

  (4) establishment of an additional point of withdrawal for one existing groundwater right (G3-01004C) to alleviate an issue with sand in the currently authorized area of withdrawal;

  (5) rectification of several discrepancies between existing pumping stations and points of diversion currently authorized in water right documentation.

- Implementation of the Local Water Plan will not result in enlargement of the landowners' existing water rights.

- This Local Water Plan builds upon successful efforts in recent years to implement irrigation efficiencies and improve instream flows on the Walla Walla River, which are resulting in a dramatic reduction in calls for regulation by water right holders. Consequently, water placed instream through implementation of this Local Water Plan will likely remain instream.

- The Local Water Plan will enhance flows in a critical reach for Steelhead, Spring Chinook and Bull Trout; it is not anticipated that execution of this Local Water Plan will result in any impairment to existing water rights or instream flows.

- The landowners will pilot local water management through the earlier of (1) the expiration of legislative authorization of the Walla Walla Watershed Management Partnership OR (2) June 18, 2024, complying with monitoring and reporting requirements, and operating consistently with the baseline water use determination and existing rules and regulations.

Figure 1 below shows the project area and likely stream reaches impacted by the project.

Figure 1. Reser Farm Local Water Plan Project Area and Impacted Reaches

Part B - Local Water Plan

1. PROCESS

The Reser Farm Local Water Plan (LWP) process information and documentation are available on the Walla Walla Watershed Management Partnership (Partnership) website at:

http://wallawallawatershed.org/projects/local-water-plans/168-lwp-14-01-reser-farm

The Local Water Plan follows all requirements of Chapter 90.92 RCW and the Partnership adopted guidelines and criteria for filing, review and approval of a local water plan.

- As filed on March 14, 2014, the Reser Farm LWP proposal originally included provisions to change and add points of diversion/withdrawal; change and add places of use; add aquifer recharge as a purpose of use; and change the manner of use not otherwise authorized in all or portions of Walla Walla River Adjudicated Certificate Numbers 98, 343, 344, 345, and 347; Ground Water Certificate Numbers G3-01004C and 4552-A.
- Public notice and solicitation of comments by the Walla Walla Watershed Management Partnership was provided through the posting of public notice on the Partnership website, The Walla Walla Union Bulletin, The Dayton Chronicle, and the Waitsburg Times. Public comment was entertained from March 19, 2014 to April 19, 2014. Zero comments were received.
- The Water Resource Panel convened two meetings to review the Local Water Plan proposal and comments (3/11/2014; 4/22/2014), which led to modifications and clarifications in the final Local Water Plan and issuance of a Water Resource Panel report to the Board on April 29, 2014. The Water Resource Panel report is available on the Partnership website.

- The Local Water Plan is categorically exempt under the State Environmental Policy Act (SEPA), {RCW 43.21C.035}. A Local Water Plan is subject to a SEPA threshold determination (i.e., an evaluation whether there are likely to be significant adverse environmental impacts) if any one of the following conditions are met.
  - It is a surface water right application for more than 1 cubic feet per second, unless that project is for agricultural irrigation, in which case the threshold is increased to 50 cubic feet per second, so long as that irrigation project will not receive public subsidies;
  - It is a groundwater right application for more than 2,250 gallons per minute;
  - It is an application that, in combination with other water right applications for the same project, collectively exceed the amounts above;
  - It is a part of a larger proposal that is subject to SEPA for other reasons (e.g., the need to obtain other permits that are not exempt from SEPA);
  - It is part of a series of exempt actions that, together, trigger the need to do a threshold determination, as defined under WAC 197-11-305.

  Because this local water plan does not meet any of these conditions, it is categorically exempt from SEPA and a threshold determination is not required.

2. EVALUATION CRITERIA

The parties considered mandatory evaluation criteria under Chapter 90.92 and find the Reser Farm Local Water Plan:

- contains, in adequate detail, the required elements outlined in RCW 90.92.080(3);
- substantially enhances instream flow conditions {RCW 90.92.090(2)};
- does not impair existing out-of-stream water rights {RCW 90.92.120(1)(c)};
- flow benefits provided outweigh any impacts on existing instream flow rights {RCW 90.92.120(1)(c)};
- considered public comments/concerns;
- does not exceed total water use which was determined to have been used in the baseline water use determination;
- is economically sustainable for the duration of the proposed project; and
- meets State Environmental Policy Act (SEPA) requirements.

3. WATER RIGHTS AND BASELINE DETERMINATION

The Reser Farm Local Water Plan relates to Walla Walla River Adjudicated Certificate Numbers 98, 343, 344, 345, and 347; Ground Water Certificate Numbers G3-01004C and 4552-A. Table 1 describes key parameters of the water rights, Table 2 describes results from the baseline water use determination, and Table 3 and 4 describe the range of baseline water use quantities that will be utilized for environmental enhancement. Appendix A provides each water right document, and Appendix B provides a more detailed overview of baseline water use calculations for each water right.

Table 1. Reser Farm Local Water Plan water rights

Right	Priority	Pri./ Addit. Acres	Alt. Acres	Qi (cfs) Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Pri./ Addit. Ac-ft	Alt. Ac-ft	Dom. Ac-ft	Stk. Ac-ft
WWRAC 98	1871	35	0	0.700	0.700	0.700	0.466	0.466	0.466	0.350	0.350	0.350	0.700	0.700	0.700	175.00	0.00	0.00	0.00
WWRAC 343	1889	14	0	0.280	0.280	0.280	0.186	0.186	0.186	0.140	0.140	0.140	0.280	0.280	0.280	70.00	0.00	0.00	0.00
WWRAC 344	1889	15	0	0.300	0.300	0.300	0.200	0.200	0.200	0.150	0.150	0.150	0.300	0.300	0.300	75.00	0.00	0.00	0.00
WWRAC 345	1889	15	0	0.300	0.300	0.300	0.200	0.200	0.200	0.150	0.150	0.150	0.300	0.300	0.300	75.00	0.00	0.00	0.00
WWRAC 347	1889	65	0	1.300	1.300	1.300	0.866	0.866	0.866	0.650	0.650	0.650	1.300	1.300	1.300	325.00	0.00	0.00	0.00
Surface Total		144	0	2.88	2.88	2.88	1.918	1.918	1.918	1.44	1.44	1.44	2.88	2.88	2.88	720.00	0.00	0.00	0.00
G3-01004C[1]	1969	50	100	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	67.4	372.57	0.0	0.0
GWC 4552-A[2]	1962	10	30	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	40.0	120.00	0.0	0.0
Alluvial Total		60.00	130.00	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	107.40	492.57	0.00	0.00
Total		204.00	130.00	3.939	3.939	3.939	2.977	2.977	2.977	2.499	2.499	2.499	3.939	3.939	3.939	827.40	492.57	0.00	0.00

[1] GWC No. G3-01004C issued with maximum annual quantity of 440 ac/ft, LESS water withdrawn under WW Adj. Cert. Nos. 98 & 347. Stated water right quantities reflect baseline water use determination.
[2] No specific allocation provided for stock/domestic water under GWC 4552-A; part of 160 acre-foot total allocation for st/dom/irr.

The Walla Walla Watershed Management Partnership's determination of the baseline water use is identified in Table 2, created with input from the Water Resource Panel and consistent with guidelines adopted by the Partnership in consultation with the Water Resource Panel.

Table 2. Reser Farm Local Water Plan baseline water use determination

Right	Priority	Pri./ Addit. Acres	Alt. Acres	Qi (cfs) Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Pri./ Addit. Ac-ft	Alt. Ac-ft	Dom. Ac-ft	Stk. Ac-ft
WWRAC 98	1871	35	0	0.700	0.700	0.700	0.466	0.466	0.466	0.350	0.350	0.350	0.700	0.700	0.700	135.32	0.00	0.00	0.00
WWRAC 343	1889	14	0	0.280	0.280	0.280	0.186	0.186	0.186	0.140	0.140	0.140	0.280	0.280	0.280	51.82	0.00	0.00	0.00
WWRAC 344	1889	15	0	0.300	0.300	0.300	0.200	0.200	0.200	0.150	0.150	0.150	0.300	0.300	0.300	54.75	0.00	0.00	0.00
WWRAC 345	1889	15	0	0.300	0.300	0.300	0.200	0.200	0.200	0.150	0.150	0.150	0.300	0.300	0.300	56.64	0.00	0.00	0.00
WWRAC 347	1889	65	0	1.300	1.300	1.300	0.866	0.866	0.866	0.650	0.650	0.650	1.300	1.300	1.300	237.25	0.00	0.00	0.00
Surface Total		144	0	2.880	2.880	2.880	1.918	1.918	1.918	1.440	1.440	1.440	2.880	2.880	2.880	535.78	0.00	0.00	0.00
G3-01004C[3]	1969	35.2	100	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.613	67.40	372.57	0.0	0.0
GWC 4552-A[4]	1962	4.4	30	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	0.446	10.95	111.39	0.0	0.0
Alluvial Total		39.60	130.00	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	78.35	483.96	0.00	0.00
Total		183.60	130.00	3.939	3.939	3.939	2.977	2.977	2.977	2.499	2.499	2.499	3.939	3.939	3.939	614.13	483.96	0.00	0.00

[3] GWC G3-01004C issued with annual quantity allocation of 440 ac-ft, LESS water used under WRAC 98 & 347. Quantities allocated reflect max use of surface water on 100 acres.
[4] No specific allocation provided for stock/domestic under GWC 4552-A; part of overall allocation for st/dom/irr.

Water use under the Local Water Plan shall not exceed the baseline quantities identified in Table 2. As a component of any Local Water Plan, a portion of the baseline water use must be left instream for instream flow enhancement. For this Local Water Plan, instream flow enhancement is achieved through bypassing a minimum of 5% of the baseline water use for the included surface water rights (26.79 acre-feet), or though recharging this minimum quantity. As a safeguard for uncertain project funding and currently high water quality monitoring costs, no minimum recharge rate or annual quantity is specified for SAR. The minimum baseline water use remaining instream OR recharged to the shallow aquifer totals 26.79 acre-feet per year, as described in Table 3. Rate and timing of this quantity is not specified. The landowners may elect to utilize additional portions of their baseline water use for SAR, which could total up to 1 cfs and 250 acre-feet per year. These maximum expected quantities are described in Table 4.

Table 3. Minimum baseline water use bypassed or recharged for instream for flow enhancement

Right	Priority	Pri./ Addit. Acres	Alt. Acres	Qi (cfs) Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Pri./ Addit. Ac-ft	Alt. Ac-ft	Dom. Ac-ft	Stk. Ac-ft
WWRAC 98	1871																		
WWRAC 343	1889																		
WWRAC 344	1889																		
WWRAC 345	1889																		
WWRAC 347	1889																		
Surface Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.79	0.00	0.00	0.00
G3-01004C	1969																		
GWC 4552-A	1962																		
Alluvial Total		0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.79	0.00	0.00	0.00

[5] Baseline quantities left instream are distributed between surface rights at non-specified proportions

Table 4. Expected maximum baseline water use recharged for instream flow enhancement

Right	Priority	Pri./ Addit. Acres	Alt. Acres	Qi (cfs) Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Pri./ Addit. Ac-ft	Alt. Ac-ft	Dom. Ac-ft	Stk. Ac-ft
WWRAC 98[5]	1871																		
WWRAC 343[5]	1889																		
WWRAC 344[5]	1889																		
WWRAC 345[5]	1889																		
WWRAC 347[5]	1889																		
Surface Total		0.00	0.00	1.000	1.000	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	1.000	250.00	0.00	0.00	0.00
G3-01004C	1969																		
GWC 4552-A	1962																		
Alluvial Total		0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00
Total		0.00	0.00	1.000	1.000	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	1.000	250.00	0.00	0.00	0.00

[5] Baseline rates and annual quantities left instream are distributed between surface rights at non-specified proportions

4. APPROVAL OF PROPOSED FLEXIBILITIES

The parties, under authority of Chapter 90.92 RCW, approve the following flexibilities of use and application of water related to the portions of Walla Walla River Adjudicated Certificate Numbers 98, 343, 344, 345, and 347; Ground Water Certificate Numbers G3-01004C and 4552-A (see Appendix A) as appurtenant to Walla Walla County Parcels #350605240005, #350605440002, #350605130003, #350605310004, #350604320007, and #350604320008 for a term to extend to the earlier of (1) the expiration of legislative authorization of the Walla Walla Watershed Management Partnership OR (2) June 18, 2024. The flexibilities granted are summarized below.

- **Change/Add Points of Diversion/Withdrawal**
- **Add Places of Use**
- **Add Purpose of Use**
- **Add Water Source**
- **Change Manner of Use, Storage and Recovery**

(1) **Change/Add Points of Diversion/Withdrawal:** Changes to existing points of diversion, for the purpose of irrigation, are established to rectify discrepancies between the current pumping station locations and the point of diversion specified on the water rights. Additional points of diversion/withdrawal are made to allow for gravity fed diversion of surface water for the purpose of SAR, for potential recovery of a portion of water recharged by SAR ("SAR Recovery"), and to relocate an existing well. Existing points of diversion are described in Table 5 and points of diversion/withdrawal established by this Local Water Plan are described in Table 6. In the case that the existing well serving G3-01004C is replaced by a new well, the landowners understand their responsibility to properly decommission the existing well.

Table 5. Points of diversion/withdrawal authorized by water rights

Water Right	¼ ¼ Sec.	Twn.	Rng.
WW Adj. 98	SE¼SE¼ Sec. 5	6	35 E
WW Adj. 343[1]	SW¼NE¼ Sec. 9	6	35 E
WW Adj. 344[1]	SW¼NE¼ Sec. 9	6	35 E
WW Adj. 345[1]	SW¼NE¼ Sec. 9	6	35 E
WW Adj. 347[1]	NE¼SW¼ Sec. 9	6	35 E
G3-01004C	NW¼ SE¼ Sec. 5	6	35 E

[1]POD's from Walsh Creek. When supply from Walsh Creek insufficient to fill right, balance can be diverted from WLWWR.

Table 6. Points of diversion/withdrawal authorized by this Local Water Plan

Water Right	Irrigation ¼ ¼	SAR ¼ ¼	SAR Recovery ¼ ¼	Twn.	Rng
WW Adj. 98	SE¼SE¼ Sec. 5[1]; SW¼NE¼ Sec 5[1]	SE¼SE¼ Sec. 5[1]	SW¼NE¼ Sec. 5[3]; SE¼NE¼ Sec. 5[3]	6	35 E
WW Adj. 343	NW¼SW¼ Sec. 4[2]	SE¼SE¼ Sec. 5[1]	SW¼NE¼ Sec. 5[3]; SE¼NE¼ Sec. 5[3]	6	35 E
WW Adj. 344	NW¼SW¼ Sec. 4[2]	SE¼SE¼ Sec. 5[1]	SW¼NE¼ Sec. 5[3]; SE¼NE¼ Sec. 5[3]	'6	35 E
WW Adj. 345	NW¼SW¼ Sec. 4[2]	SE¼SE¼ Sec. 5[1]	SW¼NE¼ Sec. 5[3]; SE¼NE¼ Sec. 5[3]	6	35 E
WW Adj. 347	SW¼NE¼ Sec. 5[1]	SE¼SE¼ Sec. 5[1]	SW¼NE¼ Sec. 5[3]; SE¼NE¼ Sec. 5[3]	6	35 E
G3-01004C	NW¼ SE¼ Sec. 5 SW¼ NE¼ Sec. 5[3]	N/A	N/A	6	35E

[1]POD from West Little Walla Walla River.
[2]POD from Walsh Creek. When supply from Walsh Creek insufficient to fill right, balance can be diverted from WLWWR.
[3]POW from a well in the gravel aquifer.

(2) **Add Places of Use:** Places of use (POU) are added to the included surface water rights to enable the relocation of currently irrigated lands, as well as to enable shallow aquifer recharge (SAR) as a use for each water right at the proposed project site. Total irrigated acreage using the included water rights shall not be increased above the 183.6 acres identified in the baseline water use determination.

Table 7. Additional places of use authorized by this Local Water Plan

Water Right	Added POU, Irrigation	Added POU, SAR
WW Adj. 98	S½ of SE¼ S5T6N R35E; E ½ of SW¼ S5T6N R35E	E½ of SE¼ S5T6N R35E; S½ of NE¼ S5T6N R35E
WW Adj. 343	S½ of SE¼ S5T6N R35E; E ½ of SW¼ S5T6N R35E	E½ of SE¼ S5T6N R35E; S½ of NE¼ S5T6N R35E
WW Adj. 344	No Additions	E½ of SE¼ S5T6N R35E; S½ of NE¼ S5T6N R35E
WW Adj. 345	S½ of SE¼ S5T6N R35E; E ½ of SW¼ S5T6N R35E	E½ of SE¼ S5T6N R35E; S½ of NE¼ S5T6N R35E
WW Adj. 347	S½ of SE¼ S5T6N R35E; E ½ of SW¼ S5T6N R35E	E½ of SE¼ S5T6N R35E; S½ of NE¼ S5T6N R35E

(3) **Add Purpose of Use:** Shallow Aquifer Recharge (SAR) is added as a purpose of use for Walla Walla River Adjudicated Certificate Numbers 98, 343, 344, 345, and 347. Diversion for SAR may occur at the point of diversion provided in the above Section 4(1), from November 1st to May 30th. Diversion for SAR, by the surface water rights included in this Local Water Plan, may not exceed a rate of 1 cfs of the baseline water use. Diversion for SAR may only occur when a minimum flow of 1 cfs on the WLWWR is maintained directly below the SAR diversion. Diversion for SAR will be counted against the baseline water use limits established by this Local Water Plan.

(4) **Add Water Source:** At the additional point of withdrawal, a new water source will be added to Walla Walla River Adjudicated Certificate Numbers 98, 343, 344, 345, and 347. This source will be one or more hydraulically connected groundwater wells in the gravel aquifer, with a point of diversion/withdrawal location specified in Section 4(1). Use of these water rights from this additional source will be restricted by the constraints set forth in Section 4(5), directly below.

(5) **Change Manner of Use, Storage and Recovery:** A portion of the recharged surface water quantities will be treated as "stored water," for potential recovery and use for irrigation from 6/1-11/1 {RCW 90.92.080(4)(c)}, to be withdrawn from one or more shallow aquifer wells authorized by this Local Water Plan as a point of diversion/withdrawal for all included surface water rights, provided baseline water use for these water rights is not exceeded. Withdrawal and use of this stored water will not be counted against the baseline water use limits established by this Local Water Plan. The portion considered stored water will default to 40% of the recharged annual quantity, but may be increased above 40% if monitoring indicates improving groundwater conditions in the discretion of the Walla Walla Basin Watershed Council.

Additional groundwater withdrawal capacity required to access this stored water can either be obtained by increasing capacity of a well shared with Ground Water Certificate Numbers G3-02004C or 4552-A, or by installing a separate well dedicated to the recovery of stored water. In either case, a well log should be able to demonstrate screening in the portion of the shallow aquifer subject to increased recharge by SAR, as determined by the Walla Walla Basin Watershed Council. .

If all or a portion of the annual quantity recharged via SAR is obtained via an Environmental Enhancement Project permit (EEP; explained in Section 5(a)), the landowners may still withdraw the stored water, provided they do not exceed the baseline water use for included surface water rights.

5. ADDITIONAL ACTIVITIES

The Parties wish to acknowledge the following additional activities to enhance stream flows and ecological functions which meet the intent of a Local Water Plan, but are not binding under RCW 90.92.080(5).

i. **Environmental Enhancement Project:** Landowners will pursue a permit for an Environmental Enhancement Project (EEP) through Washington Department of Ecology.
   i. An EEP is sought by landowners to increase the maximum rate and annual quantity of water supplied from the West Little Walla Walla River for the purpose of SAR, and to enable a larger SAR project on their lands.
   ii. An EEP would allow the landowners to increase quantities recharged via SAR while allowing more of their baseline water use to be utilized for irrigation. In the event that the entirety of the SAR project is supplied via EEP, the landowners will be required to leave instream 5% of the baseline water use for the included surface water rights.
   iii. Recovery of water stored via SAR may occur if an EEP is present, provided the total water use for irrigation does not exceed 95% of baseline water use for the included surface water rights.

b. **Relocation of Irrigated Lands:** The landowners plan to relocate irrigated acres from lands adjacent to the West Little Walla Walla River to the new place of use established by this Local Water Plan, which has consisted of non-irrigated acreage prior to this Local Water Plan. The landowners are provided a larger place of use than they are able to irrigate with the subject water rights, to allow for flexibility in irrigation system design. If changes to irrigated areas allowed by this Local Water Plan are made permanent {RCW 90.92.110}, the authorized places of use of the water rights are expected to be reduced to reflect the actual irrigated area. Further, the total irrigated acreage shall not be enlarged by this Local Water Plan. Total authorized irrigated acres under this LWP shall not exceed the 183.6 irrigated acres authorized under the current water rights.
   i. Within the duration of this Local Water Plan, the landowners plan to move irrigated acreage to an extent that could be reversible with minimal capital. This may include relocation of lands required by installation of SAR infrastructure, by the presence of persistently saturated lands brought about by SAR operation, and/or by short-term conservation of the West Little Walla Walla River and its associated wetlands. These changes could be made by adding to the length of existing mainlines.
   ii. If changes made by this Local Water Plan are made permanent, the landowners plan to move irrigated acreage to an extent that would require a more substantial amount of capital to reverse. These changes could include more significant modification to mainlines and the installation of a center pivot irrigation system.

c. **Banking of Water not Included in Baseline Determination:** The landowners also agree to, and upon approval of the LWP do, deposit the 213.27 acre-feet of non-Baseline primary/additive water rights and 8.61 acre-feet of non-Baseline alternate water rights

(Table 8) in the Partnership water bank on a non-use basis under RCW 90.92.070(2)(a). The landowners also agree to, and upon approval of the LWP, bank 14.8 primary acres of Ground Water Certificate G3-01004C and 5.6 primary acres of Ground Water Certificate 4552-A. The portions of Walla Walla River Adjudicated Certificate Numbers 98, 343, 344, 345, and 347; Ground Water Certificate Numbers G3-01004C and 4552-A banked with the Partnership are accepted on a temporary basis, which the Partnership accepts without conducting a review of the extent and validity of the water right pursuant to RCW 90.92.070(2)(c). Because this amount is not part of the baseline water use, it shall not be considered in evaluating a request for permanent authorization of the Local Water Plan.

Table 8. Portion of Rights not Included in Baseline and Temporarily Banked

				Qi (cfs)															
Right	Priority	Pri./ Addit. Acres	Alt. Acres	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Pri./ Addit. Ac-ft	Alt. Ac-ft	Dom. Ac-ft	Stk. Ac-ft
WWRAC 98	1871	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39.68	0	0	0
WWRAC 343	1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.18	0	0	0
WWRAC 344	1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.25	0	0	0
WWRAC 345	1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.36	0	0	0
WWRAC 347	1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87.75	0	0	0
Surface Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	184.22	0	0	0
G3-01004C	1969	14.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GWC 4552-A	1962	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	29.05	8.61	0	0
Alluvial Total		20.40	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.05	8.61	0.00	0.00
Total		**20.40**	**0.00**	**0.000**	0.00	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**213.27**	**8.61**	**0.00**	**0.00**

Part C - Terms and Conditions

The landowners shall implement the aforementioned flexibilities in water use in compliance with the Terms and Conditions of the Local Water Plan, and adhere to the following duties and obligations as a condition of this agreement:

a. Comply with baseline water use provisions in Table 2;
b. Use of the water right for the purpose of shallow aquifer recharge should be contingent upon operating under a monitoring and testing plan developed by the Walla Walla Basin Watershed Council and approved by Ecology. Approval of such a plan should not require revision of the Local Water Plan;
c. Allow a minimum of 26.79 acre-feet annually, the amount identified in Table 3, to remain instream (not be diverted) or be recharged to the shallow aquifer and not subsequently withdrawn, during the term of the Local Water Plan;
d. Deposit non-baseline water rights from Table 8 into the Partnership water bank on a temporary non-use basis under RCW 90.92.070(2)(a);
e. Water use under this authorization shall continue to be subject to regulation;

f. The water rights in the Local Water Plan, shall not be exercised in a manner that would result in injury or detriment to other existing water rights. If injury or detriment to existing water rights occurs during the term of this Local Water Plan, as determined by Ecology, the landowners eliminate the impairment by either implementing a mitigation plan approved by the Partnership and Ecology, or shall obtain express written approval waiving such injury from the holder(s) of the impaired water right, or shall cease diversion/withdrawal causing the impairment.

g. Produce an annual report for the period of October 1-September 30, by November 15 of each full year beginning in 2014, in conjunction with the Walla Walla Basin Watershed Council, which provides:
   i) Meter data for water use under the plan, both instantaneous and total, for all participating points of withdrawal reported separately;
   ii) Daily average flows above and below the boundaries of the plan;
   iii) Groundwater levels within the boundaries of the plan;
   iv) Photo documentation of implementation of the Local Water Plan; and
   v) Local Water Plan project evaluation.

h. Cooperate with installation of telemetry for existing and subsequently installed water meters, contingent upon the availability of cost-share funding. The landowners will provide the Partnership, along with any other entities interested in the project, with consistent access to flow data to be used for compliance monitoring and effectiveness monitoring of the Partnership's efforts via this Local Water Plan.

2. REQUIREMENTS OF RCW 90.92

All actions by any of the parties must be consistent with the specific requirements of Chapter 90.92 RCW.

3. PROTECTION OF LANDOWNERS' WATER RIGHTS

a. The water rights, and associated changes to those water rights, in the Local Water Plan are, as authorized for the uses described in Part B of the Local Water Plan:
   i. Not subject to either the approval of Ecology under RCW 90.03.380 through 90.03.390, 90.44.100, and 90.44.105, or a tentative determination of the validity and extent of the water rights;
   ii. Not subject to loss by forfeiture under RCW 90.14.130 through 90.14.200 during the period of time from when the Local Water Plan is approved to the expiration or nullification of the Local Water Plan as provided herein; and
   iii. Not to be exercised in a manner that would result in injury or detriment to other existing water rights unless express written approval is obtained from the holder of the impaired water right. To allow impacts to existing instream flow rights, the Partnership and Ecology must agree that the flow benefits provided the Local Water Plan outweigh the impacts.

b. The years during the period of time when the Local Water Plan is operational may not be considered or calculated as a period of time that the water was not applied to use for purposes of RCW 90.14.130 through 90.14.200. Further, the years during this period of time under the rights subject to the Local Water Plan may not be considered or calculated as a period of time that the water was not applied to use and for purposes of future applications to change the water right for additional purposes or acreage under RCW 90.03.380.

4. **PROTECTION OF OTHER WATER RIGHTS EXCLUSIVE OF LANDOWNERS' WATER RIGHTS**

a. Nothing in this Local Water Plan authorizes the impairment of existing water rights.

b. A water right holder who believes the holder's water right has been impaired by any action authorized under this Local Water Plan may request that Ecology review the impairment claim. If Ecology determines that some action under this Local Water Plan is impairing existing rights, Ecology, the Partnership, and the landowners must amend the Local Water Plan to eliminate the impairment. Any decision by Ecology to alter or not alter the Local Water Plan is appealable to the Pollution Control Hearings Board under RCW 43.21B.230. (RCW 90.92.100)

5. **LIMITED USE OF DOCUMENTS**

a. All documents regarding water use submitted to the Partnership by the water users shall not be used by Ecology at any time to determine the validity of the water rights in any future administrative or regulatory action (RCW 90.92.080(3)a), unless authorization for such use is granted by the landowners. This section will remain in effect after the termination of the Local Water Plan.

6. **ACCESS FOR MONITORING**

a. The landowners shall allow the Partnership and its employees, agents, successors and assigns, at all times during the term of the Local Water Plan access to the lands necessary for the implementing monitoring and compliance terms of the Local Water Plan. Access will be used solely for the purpose of allowing the Partnership and its employees, agents, successors and assigns to:

   i. Monitor and enforce the terms of the Local Water Plan; and

   ii. Measure instream flows, return flows, and collect other hydrological data relating to any water body, whether on the surface or underground, affecting or affected by the Local Water Plan.

   iii. Monitor and measure changes in habitat, fish, and other aquatic life at various times of the year.

b. The Partnership will provide notice to the landowners no less than 48 hours prior to access to the land. The landowners are entitled to be present when the Partnership accesses the land, if they so desire. If the landowners are unable to provide access within 24 hours, they shall provide alternative times acceptable to the Partnership for access within 7 days.

7. CONTINUATION OF LOCAL WATER PLAN

a. Upon the expiration of the Local Water Plan that has been operating for five or more years, the landowners may request that the Partnership and Ecology make the elements of the Local Water Plan, including the water rights deposited to the water bank used for stream flow enhancement for placement in the trust water rights program, permanent authorizations and conditions for use of the water rights. The request will be evaluated based on whether:
   i. The determination of the baseline water use adequately represents the extent and validity of the donated water rights; and
   ii. Whether there is injury or detriment to other existing water rights; or
   iii. The written approval obtained from the holder of an impaired water right is continued or renewed.

b. If the Partnership and Ecology approve the request under subsection (a) of this section, Ecology shall issue superseding water rights consistent with the management and uses of the water under the Local Water Plan. That portion of the baseline water rights deposited in the water bank for placement in the trust water rights program must be made permanent and transferred in accordance with Chapter 90.42 RCW.

8. TERMINATION

a. The Local Water Plan expires by its terms, by written withdrawal of any party, or upon agreement by all parties to the contract.

b. If the landowners are not in compliance with the terms of the Local Water Plan, the Partnership shall, consistent with the dispute resolution process adopted by the Partnership, seek compliance. If the Partnership revokes the Local Water Plan due to noncompliance, the water users in the Local Water Plan must thereafter exercise the water rights only as the water rights were authorized and conditioned prior to the approval of the Local Water Plan, and all rights and duties that were terms in the Local Water Plan lapse and are not valid or enforceable.

c. If the Local Water Plan expires and the water management and uses under the local water plan are not granted approval to be permanent, the water users in the Local Water Plan must thereafter exercise the water rights only as the water rights were authorized and conditioned prior to the Local Water Plan, and all rights and duties that were terms in the Local Water Plan lapse and are not valid or enforceable.

9. DISPUTE RESOLUTION

a. Parties agree to utilize, to the extent applicable, the Dispute Resolution process identified in the "Partnership's Guidelines and Criteria for the Implementation of RCW 90.92," current revision:
http://wallawallawatershed.org/partnership/participate ("technical guidance document")

10. ADDITIONAL PROVISIONS

a. An approved data-logging measuring device shall be installed and maintained for each source authorized by this Local Water Plan in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173 http://www.ecy.wa.gov/programs/wr/measuring/measuringhome.html.

b. Use of water under this authorization shall be contingent upon the water right holder's maintenance of efficient water delivery systems and use of up-to-date water conservation practices consistent with established regulation requirements and facility capabilities.

11. ENTIRE AGREEMENT; MODIFICATIONS; CONSTRUCTION

a. This Local Water Plan constitutes the entire agreement of the landowners, the Partnership and Ecology with respect to the Local Water Plan.

b. This Local Water Plan shall not be modified or amended except by a written instrument signed by all parties.

c. This Local Water Plan will be governed by and construed under the laws of the state of Washington. The captions and paragraph titles used in this Local Water Plan are for reference only and will not be used in the interpretation of this Local Water Plan or any related document. If any provision of this Local Water Plan is determined to be illegal, void, or unenforceable, such determination will not affect any other provision of this Local Water Plan and all such other provisions will remain in full force and effect.

12. NOTICE AND CONTACTS

a. The names, addresses, telephone, and fax numbers of the parties to this Local Water Plan for use in written communication and notice between the parties are as follows:

Landowners:
Yancey Reser
2073 Last Chance Road
Walla Walla, WA 99362
Tel: 509-525-3053
Email: yanceyreser@yahoo.com

Partnership:
Walla Walla Watershed Management Partnership
500 Tausick Way
Walla Walla, WA 99362
Attn: Chris Hyland
Tel: 509-524-5217
Fax: 509-524-5209
Email: chris.hyland@wwcc.edu

Ecology:
WA State Department of Ecology
PO Box 47600
Olympia, WA 98504
Attn: Teri North
Tel: 360-407-7009
Fax: 360-407-6989
Email: teno461@ecy.wa.gov

Part D - Local Water Plan Approval

1. APPROVAL SIGNATURES

a. The Local Water Plan is a contract among the Partnership Board, Director of WA State Department of Ecology, and by the participating landowners; by signing below all parties agree to abide by all terms and conditions of the Local Water Plan.

b. The landowners below have the authority to execute this Local Water Plan, as owners and controllers of the lands included in the Local Water Plan project area. By Resolution 14-07, the Partnership Board has approved the execution of this Local Water Plan by the Executive Director.

Yancey Reser — May 8, 2014
Yancey Reser, Landowner — Date

Todd Reser — 5/18/14
Todd Reser, ~~Landowner~~ — Date

Chris Hyland — 5/7/14
Chris Hyland, Executive Director, Walla Walla Watershed Management Partnership — Date

Maia D. Bellon — 5/15/14
Maia Bellon, Director, WA State Department of Ecology — Date

Appendices	
Document	Appendix
Current Water Use Authorizations	A
Baseline Water Use	B

Appendix A. Current Water Use Authorizations

Affixed Documents:

- Superseding Cetificate of Water Right, Walla Walla Adjudicated Certificate Number 98
- Superseding Cetificate of Water Right, Walla Walla Adjudicated Certificate Number 347
- Walla Walla Adjudicated Certificate Number 347
- Walla Walla Adjudicated Certificate Number 98
- Walla Walla Adjudicated Certificate Number 344
- Walla Walla Adjudicated Certificate Number 345
- Ground Water Certificate G3-01004C
- Ground Water Certificate 4552-A

Yancey Reser
2073 Last Chance Road
Walla Walla, WA 99362

STATE OF WASHINGTON
SUPERSEDING CERTIFICATE OF WATER RIGHT

Document Title: Superseding Certificate of Water Right

Agency: Department of Ecology
Eastern Regional Office
4601 North Monroe
Spokane, WA 99205-1295

Applicant: Willis Reser
R.F.D. 1
Walla Walla, WA

Reference Number:

THIS CERTIFICATE SUPERSEDES WALLA WALLA ADJUDICATED SURFACE WATER CERTIFICATE NO. 98, ISSUED FEBRUARY 1, 1930.

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
1871 (Class 11)			Walla Walla Adj. SW Cert. No. 98

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.

PUBLIC WATERS TO BE APPROPRIATED

SOURCE	TRIBUTARY OF (IF SURFACE WATERS)
Little Walla Walla River, a.k.a. the West Little Walla Walla River	Walla Walla River

MAX. CUBIC FEET PER SECOND	MAX. GALLONS PER MINUTE	MAX. ACRE-FEET PER YEAR
0.700		175

QUANTITY/TYPE OF USE/PERIOD OF USE

0.466 cubic feet per second, from April 1 to July 1, 0.350 cubic feet per second from July 1 to October 1, and 0.700 cubic feet per second from October 1 to April 1, each year, for the irrigation of 35 acres

LEGAL DESCRIPTION OF LOCATION OF DIVERSION/WITHDRAWAL

1/4 1/4	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	W.R.I.A.	COUNTY
SE¼SE¼	5	6 N.	35 E.	32	Walla Walla

PARCEL # 350605440001

ADDITIONAL LEGAL IS ON PAGE 2

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

1/4 1/4	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	W.R.I.A.	COUNTY
-----	5	6 N.	35 E.	32	Walla Walla

PARCEL # 350605130003

ADDITIONAL LEGAL IS ON PAGE 2

2008-02820
Page: 1 of 2
03/24/2008 01:31P
Walla Walla County, WA WR

CONTINUED LEGAL DESCRIPTION FOR LOCATION OF DIVERSION/WITHDRAWAL

CONTINUED LEGAL DESCRIPTION FOR PROPERTY ON WHICH WATER IS TO BE USED

The S½ of the NE¼ and the N½ of the SE¼ of Section 5, T. 6 N., R. 35 E.W.M., situated in Walla Walla County, Washington

PROVISIONS

All conditions and requirements contained in reports of examination or permits previously issued apply to this superseding certificate unless specifically noted below.

This superseding certificate is being issued in order to correct a ministerial error in the description of the place of use and shall not be construed as validation as to its extent. The quantities authorized on this superseding certificate of said right are not confirmed by Ecology. The actual quantities authorized on this superseding certificate are subject to historic beneficial use.

If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.

2008-02820
Page: 2 of 2
03/24/2008 01:31P
Walla Walla County, WA WR

The right to use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.100.

This superseding certificate of water right is specifically subject to relinquishment for non-use of water as provided in Chapter 90.14 RCW.

Given under my hand and the seal of this office at Spokane, Washington, this 20th day of March, 2008.

Jay J. Manning, Director
Department of Ecology

By _____
Keith L. Stoffel, Section Manager

DATA REVIEW
OK KS
ECY 040-1-2 (Rev. 8-97)

Yancey Reser
2073 Last Chance Road
Walla Walla, WA 99362

STATE OF WASHINGTON
SUPERSEDING CERTIFICATE OF WATER RIGHT

WASHINGTON STATE DEPARTMENT OF ECOLOGY

Document Title: Superseding Certificate of Water Right

Agency: Department of Ecology
Eastern Regional Office
4601 North Monroe
Spokane, WA 99205-1295

Applicant: Willis Reser
R.F.D. 1
Walla Walla, WA

Reference Number:

THIS CERTIFICATE SUPERSEDES WALLA WALLA ADJUDICATED SURFACE WATER CERTIFICATE NO. 347, ISSUED JANUARY 31, 1930.

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
1889 (Class 27)			Walla Walla Adj. SW Cert. No. 347

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.

PUBLIC WATERS TO BE APPROPRIATED

SOURCE	TRIBUTARY OF (IF SURFACE WATERS)
Walsh Creek and West Little Walla Walla River	Walla Walla River

MAX. CUBIC FEET PER SECOND	MAX. GALLONS PER MINUTE	MAX. ACRE-FEET PER YEAR
1.300		325

QUANTITY/TYPE OF USE/PERIOD OF USE

0.866 cubic feet per second, from April 1 to July 1, 0.650 cubic feet per second from July 1 to October 1, and 1.300 cubic feet per second from October 1 to April 1, each year, for the irrigation of 65 acres

LEGAL DESCRIPTION OF LOCATION OF DIVERSION/WITHDRAWAL

1/4 1/4	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	W.R.I.A.	COUNTY
NE¼SW¼	9	6 N.	35 E.	32	Walla Walla

PARCEL # 350609310004

ADDITIONAL LEGAL IS ON PAGE 2

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

1/4 1/4	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	W.R.I.A.	COUNTY
-----	5	6 N.	35 E.	32	Walla Walla

PARCEL # 350605130003

ADDITIONAL LEGAL IS ON PAGE 2

2008-02821
Page: 1 of 2
03/24/2008 01:31P
Walla Walla County, WA WR

CONTINUED LEGAL DESCRIPTION FOR LOCATION OF DIVERSION/WITHDRAWAL

The claimants, R.J. Widick, Claim No. 719; Mary Widick, Claim No. 720; Howard Reser, Claim No. 725; Willis Reser, Claim No. 723 and James Beeson, Claim No. 722, in this class are entitled to fill their rights from Walsh Creek and the Little Walla Walla River (also known as the West Little Walla Walla River) in equal proportions. When water is not available for that class in Walsh Creek, the quantity deficient may be taken from the Little Walla Walla River, subject to prior rights. Walsh Creek is tributary of the Little Walla Walla River, which is tributary of the Walla Walla River

CONTINUED LEGAL DESCRIPTION FOR PROPERTY ON WHICH WATER IS TO BE USED

The S½ of the NE¼ and the N½ of the SE¼ of Section 5, T. 6 N., R. 35 E.W.M., situated in Walla Walla County, Washington.

PROVISIONS

All conditions and requirements contained in reports of examination or permits previously issued apply to this superseding certificate unless specifically noted below.

This superseding certificate is being issued in order to correct a ministerial error in the description of the place of use and shall not be construed as validation as to its extent. The quantities authorized on this superseding certificate of said right are not confirmed by Ecology. The actual quantities authorized on this superseding certificate are subject to historic beneficial use.

If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.

Walla Walla County, WA WR
2008-02821
Page: 2 of 2
03/24/2008 01:31P

The right to use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.100.

This superseding certificate of water right is specifically subject to relinquishment for non-use of water as provided in Chapter 90.14 RCW.

Given under my hand and the seal of this office at Spokane, Washington, this 20th day of March, 2008.

Jay J. Manning, Director
Department of Ecology

By _____
Keith L. Stoffel, Section Manager

DATA REVIEW
OK KS
ECY 040-1-2 (Rev. 8-97)

Legal description of place of use corrected in ~~certificate~~ superseding certificate of water Right

Certificate of Water Right

THIS IS TO CERTIFY:

That by virtue of a decree of the Superior Court of the State of Washington in and for Walla Walla County, made and entered on the 12th day of September, 1928, and recorded in Volume 16 of the Superior Court Journal of said County at page 1, from which decree no appeal was taken, and which decree determined the rights of all known claimants to the use of the waters of WALSH CREEK, *a tributary of* WALLA WALLA RIVER

WILLIS REGER
R. F. D. 1
Walla Walla, Washington

is entitled to use, subject to provisions set forth in said decree, and the laws of the State of Washington, the waters of said Walsh Creek

for the purpose of irrigation

That the amount of water to which said water right is entitled is limited to the quantity which is reasonably and actually necessary for the purpose aforesaid and shall not exceed 0.866 *second feet from April 1st to July 1st,* 0.650 *second feet from July 1st to October 1st and* 1.300 *second feet from October 1st to April 1st for the irrigation of* 65.0 *acres of the lands hereinafter described. If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.*

That the date of priority of said water right is 1889*; that the decree aforesaid establishes said right in Class* Twenty-seven.

That the point of diversion of said water right is as follows:

NE¼ of the SE¼, Sec. 8, Twp. 6 N., Rge 35 E. W. M.

and cannot be changed except as provided in Section 39, Chapter 117, Session Laws of 1917.

That said water right was adjudged by said decree to be and is appurtenant to the following described real property situated in Walla Walla County, Washington, to wit:

The S½ of the SE¼ and the N½ of the SE¼ of Sec. 5, Twp. 6 N., Rge 35 E. W. M.

Note: The claimants, R. J. Widick, Claim No. 719; Mary Widick, Claim No. 720; Howard Reger, Claim No. 725; Willis Reger, Claim No. 723 and James Peeson, Claim No. 722, in this class are entitled to fill their rights from Walsh Creek and Little Walla Walla River in equal proportions. When water is not available for that class in Walsh Creek, the quantity deficient may be taken from the Little Walla Walla River, subject to prior rights.

This instrument is recorded in the office of the Supervisor of Hydraulics, at Olympia, Washington, in Volume 4A *of WaterRight Certificates at Page* 347.

WITNESS the seal and signature of the Supervisor of Hydraulics affixed this 31st day of January, 19 30.

Supervisor of Hydraulics of the State of Washington.

ENGINEERING DATA

Legal description of place of use corrected in superseding certificate of water Right.

Certificate of Water Right

THIS IS TO CERTIFY:

That by virtue of a decree of the Superior Court of the State of Washington in and for Walla Walla County, made and entered on the 12th day of September, 1928, and recorded in Volume 16 of the Superior Court Journal of said County at page 1, from which decree no appeal was taken, and which decree determined the rights of all known claimants to the use of the waters of LITTLE WALLA WALLA RIVER *a tributary of* WALLA WALLA RIVER

WILLIS RESER
R. F. D. 1
Walla Walla, Washington

is entitled to use, subject to provisions set forth in said decree, and the laws of the State of Washington, the waters of said Little Walla Walla River

for the purpose of irrigation

That the amount of water to which said water right is entitled is limited to the quantity which is reasonably and actually necessary for the purpose aforesaid and shall not exceed 0.466 *second feet from April 1st to July 1st,* 0.350 *second feet from July 1st to October 1st and* 0.700 *second feet from October 1st to April 1st for the irrigation of* 35.0 *acres of the lands hereinafter described. If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.*

That the date of priority of said water right is 1871*; that the decree aforesaid establishes said right in Class* Eleven.

That the point of diversion of said water right is as follows:

SE¼ of the SE¼, Sec. 5, Twp. 6 N., Rge 35 E. W. M.

and cannot be changed except as provided in Section 39, Chapter 117, Session Laws of 1917.

That said water right was adjudged by said decree to be and is appurtenant to the following described real property situated in Walla Walla County, Washington, to wit:

The S½ of the SE¼ and the N½ of the SE¼ of Sec. 5, Twp. 6 N., Rge 35 E. W. M.

This instrument is recorded in the office of the Supervisor of Hydraulics, at Olympia, Washington, in Volume 4 *of WaterRight Certificates at Page* 98.

WITNESS the seal and signature of the Supervisor of Hydraulics affixed this 1st *day of* February, 1930.

Supervisor of Hydraulics of the State of Washington.

ENGINEERING DATA

O.K.

Certificate of Water Right

THIS IS TO CERTIFY:

That by virtue of a decree of the Superior Court of the State of Washington in and for Walla Walla County, made and entered on the 12th day of September, 1928, and recorded in Volume 16 of the Superior Court Journal of said County at page 1, from which decree no appeal was taken, and which decree determined the rights of all known claimants to the use of the waters of WALSH CREEK, *a tributary of* WALLA WALLA RIVER

R. J. WIDICK
R. F. D. 1
Walla Walla, Washington

is entitled to use, subject to provisions set forth in said decree, and the laws of the State of Washington, the waters of said Walsh Creek

for the purpose of irrigation

That the amount of water to which said water right is entitled is limited to the quantity which is reasonably and actually necessary for the purpose aforesaid and shall not exceed 0.20 *second feet from April 1st to July 1st,* 0.15 *second feet from July 1st to October 1st and* 0.30 *second feet from October 1st to April 1st for the irrigation of* 15.0 *acres of the lands hereinafter described. If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.*

That the date of priority of said water right is 1889*; that the decree aforesaid establishes said right in Class* Twenty-seven.

That the point of diversion of said water right is as follows:

The SW¼ of the NE¼ of section 9, township 6 N., range 35 E. W. M.
Dams Same Division

and cannot be changed except as provided in Section 39, Chapter 117, Session Laws of 1917.

That said water right was adjudged by said decree to be and is appurtenant to the following described real property situated in Walla Walla County, Washington, to wit:

The N½ of the NW¼ of the SW¼ of Sec. 4, Twp. 6 N., Rge 35 E. W. M.

Note: The claimants, R. J. Widick, Claim No. 719; Mary Widick, Claim No. 720; Howard Reser, Claim No. 725; Willis Reser, Claim No. 723 and James Beeson, Claim No. 722, in this class are entitled to fill their rights from Walsh Creek and Little Walla Walla River in equal proportions. When water is not available for that class in Walsh Creek, the quantity deficient may be taken from the Little Walla Walla River, subject to prior rights.

This instrument is recorded in the office of the Supervisor of Hydraulics, at Olympia, Washington, in Volume 4A *of WaterRight Certificates at Page* 344.

WITNESS the seal and signature of the Supervisor of Hydraulics affixed this 20th *day of* August, *19* 29.

Supervisor of Hydraulics of the State of Washington.

6x18

Certificate of Water Right

THIS IS TO CERTIFY:

That by virtue of a decree of the Superior Court of the State of Washington in and for Walla Walla County, made and entered on the 12th day of September, 1928, and recorded in Volume 16 of the Superior Court Journal of said County at page 1, from which decree no appeal was taken, and which decree determined the rights of all known claimants to the use of the waters of WALSH CREEK, *a tributary of* WALLA WALLA RIVER

HOWARD RESER

R. F. D. 1

Walla Walla, Washington

is entitled to use, subject to provisions set forth in said decree, and the laws of the State of Washington, the waters of said Walsh Creek

for the purpose of irrigation

That the amount of water to which said water right is entitled is limited to the quantity which is reasonably and actually necessary for the purpose aforesaid and shall not exceed 0.186 *second feet from April 1st to July 1st,* 0.140 *second feet from July 1st to October 1st and* 0.280 *second feet from October 1st to April 1st for the irrigation of* 14.0 *acres of the lands hereinafter described. If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.*

That the date of priority of said water right is 1889*; that the decree aforesaid establishes said right in Class* Twenty-seven.

That the point of diversion of said water right is as follows:

SW¼ of the NE¼, section 9, township 6 N., range 35 E. W. M.

and cannot be changed except as provided in Section 39, Chapter 117, Session Laws of 1917.

That said water right was adjudged by said decree to be and is appurtenant to the following described real property situated in Walla Walla County, Washington, to wit:

Beginning at the center of Sec. 5, in Twp. 6 N., Rge 35 E. W. M., running thence west along the east and west center line of said section 12.934 chains; thence north 11.97 chains; thence south 36° 40' east 2.47 chains; thence east 2.47 chains; thence north 13.34 chains; thence east 8.98 chains to the north and south center line of said Section 5; thence south along said north and south center line of said section 23.34 chains to the point of beginning. EXCEPTING therefrom, however, the following described tract, to-wit: Beginning at a point in the east and west center line of said Section 5 in Twp. 6 N., Rge 35 E. W. M., 12.934 chains west of the center of said Section 5 and running thence east 4.62 chains; thence north 21° 55' west 6.66 chains;

(Continued on back of certificate)

This instrument is recorded in the office of the Supervisor of Hydraulics, at Olympia, Washington, in Volume 4A *of WaterRight Certificates at Page* 343.

WITNESS the seal and signature of the Supervisor of Hydraulics affixed this 26th *day of* August, *1929.*

Supervisor of Hydraulics of the State of Washington.

Certificate of Water Right

THIS IS TO CERTIFY:

That by virtue of a decree of the Superior Court of the State of Washington in and for Walla Walla County, made and entered on the 12th day of September, 1928, and recorded in Volume 16 of the Superior Court Journal of said County at page 1, from which decree no appeal was taken, and which decree determined the rights of all known claimants to the use of the waters of WALSH CREEK, *a tributary of* WALLA WALLA RIVER

MARY WIDICK
R. F. D. 1
Walla Walla, Washington

is entitled to use, subject to provisions set forth in said decree, and the laws of the State of Washington, the waters of said Walsh Creek

for the purpose of irrigation

That the amount of water to which said water right is entitled is limited to the quantity which is reasonably and actually necessary for the purpose aforesaid and shall not exceed 0.20 *second feet from April 1st to July 1st,* 0.15 *second feet from July 1st to October 1st and* 0.30 *second feet from October 1st to April 1st for the irrigation of* 15.0 *acres of the lands hereinafter described. If water is used during the last named period in addition to either or both of the two first named periods, the combined supply shall not exceed five acre feet per acre.*

That the date of priority of said water right is 1889*; that the decree aforesaid establishes said right in Class* Twenty-seven.

That the point of diversion of said water right is as follows:

The SW¼ of the NE¼ of section 9, township 6 N., range 35 E. W. M.

and cannot be changed except as provided in Section 39, Chapter 117, Session Laws of 1917.

That said water right was adjudged by said decree to be and is appurtenant to the following described real property situated in Walla Walla County, Washington, to wit:

The S½ of the E½ of the SW¼ of Sec. 4, Twp. 6 N., Rge 35 E. W. M.

Note: The claimants, R. J. Widick, Claim No. 719; Mary Widick, Claim No. 720; Howard Reser, Claim No. 725; Willis Reser, Claim No. 723 and James Reason, Claim No. 722, in this class are entitled to fill their rights from Walsh Creek and Little Walla Walla River in equal proportions. When water is not available for that class in Walsh Creek, the quantity deficient may be taken from the Little Walla Walla River, subject to prior rights.

This instrument is recorded in the office of the Supervisor of Hydraulics, at Olympia, Washington, in Volume 4A *of WaterRight Certificates at Page* 345.

WITNESS the seal and signature of the Supervisor of Hydraulics affixed this 26th *day of* August, *19* 29.

Supervisor of Hydraulics of the State of Washington.

ENGINEERING DATA
O.K. [illegible]

345

Hill well 30 HP

S. F. No. 1361—(Rev. 6-71)

CERTIFICATE RECORD NO. — , PAGE NO. G3-01004C

STATE OF WASHINGTON, COUNTY OF WALLA WALLA

CERTIFICATE OF GROUND WATER RIGHT

(Issued in accordance with the provisions of Chapter 263 Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology thereunder.)

THIS IS TO CERTIFY That HOWARD RESER

of Walla Walla, Washington, has made proof to the satisfaction of the Department of Ecology of a right to the use of the public ground waters of the State of Washington from a well

located within NW¼SE¼

Sec. 5, Twp. 6 N., R. 35 E.W.M.

for the purpose(s) of irrigation

under and specifically subject to provisions contained in Ground Water Permit No. 9318 issued by the Department of Ecology and that said right to the use of said ground waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the Department of Ecology and entered of record in Volume - at page / ; that the priority of the right hereby confirmed dates from April 4, 1969 ; that the quantity of ground water under the right hereby confirmed for the aforesaid purposes, is limited to an amount actually beneficially used for said purposes, and shall not exceed 275 gallons per minute; 440 acre-feet per year from January 1 to December 31, each year, for the irrigation of 150 acres.

G3-01004C

A description of the lands to which such ground water right is appurtenant is as follows:

NW¼SE¼ and S½NE¼, EXCEPTING therefrom the following: Beginning at the northeast corner of the NW¼SE¼; thence south 359.6 feet; thence west 418.8 feet; thence north 416 feet; thence east 418.8 feet; thence south 56.4 feet to the point of beginning; LESS roads; ALL in Sec. 5, T. 6 N., R. 36 E.W.M.

The right to use of water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390 and 90.14.020.

This certificate of ground water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and seal of this office at Olympia, Washington, this 30th day of November, 19 73

JOHN A. BIGGS, Director
Department of Ecology

R. Jerry Bollen

R. JERRY BOLLEN
Assistant Director

Engineering Data
OK

2

smaller well 15HP

S. P. No. 7361 —5-60—30M. 67306.

CERTIFICATE RECORD NO. 10 PAGE NO. 4552-A

STATE OF WASHINGTON, COUNTY OF Walla Walla

Certificate of Ground Water Right

Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the State Supervisor of Water Resources thereunder.

THIS IS TO CERTIFY That CARRIE E. FISHER

of Walla Walla, Washington, has made proof to the satisfaction of the State Supervisor of Water Resources of Washington, of a right to the use of the ground waters of a well

located within NW¼SW¼

Sec. 4, Twp. 6 N., R. 35 E. W. M.,

for the purpose of Stock water, domestic supply and irrigation

under and subject to provisions contained in Ground Water Permit No. 5930 issued by the State Supervisor of Water Resources and that said right to the use of said ground waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the State Supervisor of Water Resources of Washington and entered of record in Volume 10 at page 4552-A; that the right hereby confirmed dates from May 8, 1962; that the quantity of ground water under the right hereby confirmed for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 200 gallons per minute; 160 acre-feet per year for stock water, domestic supply and the irrigation of 40 acres.

Special provisions required by the Supervisor of Water Resources: This permit is issued supplemental to decreed rights.

A description of the lands to which such ground water right is appurtenant:

NW¼SW¼, Sec. 4, T.6 N., R.35 E.W.M., EXCEPTING therefrom a county road on the west portion thereof.

(NW¼ SW¼)

The right to the use of the ground water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in Sections 6 and 7, Chapter 122, Laws of 1929.

WITNESS the seal and signature of the State Supervisor of Water Resources affixed this 15th day of July, 1963.

State Supervisor of Water Resources.

Appendix B. Baseline water use determination synopses

Affixed Documents:

- Baseline water use determination, Walla Walla Adjudicated Certificate Number 98
- Baseline water use determination, Walla Walla Adjudicated Certificate Number 343
- Baseline water use determination, Walla Walla Adjudicated Certificate Number 344
- Baseline water use determination, Walla Walla Adjudicated Certificate Number 345
- Baseline water use determination, Walla Walla Adjudicated Certificate Number 347
- Baseline water use determination, Ground Water Certificate G3-01004C
- Baseline water use determination, Ground Water Certificate 4552-A

WW Adj. Cert. No. 98 - Historic Water Use
(Farm Service Agency Records)

Walla Walla Adj. Cert. No. 98

Priority Date: 1871 (Class 11)
Source: Little Walla Walla River
Quantities: 0.466 cubic feet per second from April 1 to July 1
0.350 cubic feet per second from July 1 to October 1
0.70 cubic feet per second from October 1 to April 1
Purpose of use: Irrigation of 35 acres
Diversion point: SE¼SE¼ of Sec. 5, T. 6 N., R. 35 E.W.M.

Table 1: Historic Water Use – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres	CIR[1]	TIR[2] (in/ac-ft)	TIR[2] (ac-ft)
2013	Alfalfa	35	32.85	43.80/3.65	*127.75*
2012	Alfalfa	35	32.85	43.80/3.65	*127.75*
2011	Alfalfa	0.6	32.85	43.80/3.65	2.19
	Grass	34.4	34.83	46.44/3.87	133.13
					135.32
2010	Alfalfa	0.6	32.85	43.80/3.65	2.19
	Grass	34.4	34.83	46.44/3.87	133.13
					135.32
2009	Alfalfa	0.6	32.85	43.80/3.65	2.19
	Grass	34.4	34.83	46.44/3.87	133.13
					135.32
2008	Alfalfa	0.6	32.85	43.80/3.65	2.19
	Grass	34.4	34.83	46.44/3.87	133.13
					135.32
2007	Alfalfa	2.6	32.85	43.80/3.65	9.49
	Grass	32.4	34.83	46.44/3.87	125.39
					134.88
2006	Alfalfa	2.6	32.85	43.80/3.65	9.49
	Grass	32.4	34.83	46.44/3.87	125.39
					134.88
2005	Alfalfa	2.6	32.85	43.80/3.65	9.49
	Grass	32.4	34.83	46.44/3.87	125.39
					134.88
2004	Alfalfa	2.6	32.85	43.80/3.65	9.49
	Grass	32.4	34.83	46.44/3.87	125.39
					134.88
2003	Alfalfa	2.6	32.85	43.80/3.65	9.49
	Grass	32.4	34.83	46.44/3.87	125.39
					134.88
2002	Wheat	24.5	18.64	24.85/2.07	50.74
	Barley	9.5	20.85	27.80/2.32	22.00
					72.74

[1] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[2] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)

Average Annual Water Use 2002-2013:

128.66 acre-feet per year (3.67 ac-ft per acre/35 acres)

Baseline Water Use Comparisons:

Maximum Historic Use – Farm Service Agency Records:
135.32 acre-feet per year, irrigation of 35 acres (2011)

Maximum Historic Use – Theoretical (Alfalfa – WIG):
127.75 acre-feet per year, irrigation of 35 acres

WW Adj. Cert. No. 343 - Historic Water Use
(Farm Service Agency Records)

Walla Walla Adj. Cert. No. 343

Priority Date: 1889 (Class 27)
Source: Walsh Creek[1]
Quantities: 0.186 cubic feet per second from April 1 to July 1
0.140 cubic feet per second from July 1 to October 1
0.280 cubic feet per second from October 1 to April 1
Purpose of use: Irrigation of 14 acres
Diversion point: SW¼NE¼ of Sec. 9, T. 6 N., R. 35 E.W.M.

[1] If water in Walsh Creek is insufficient to fill right, water may be taken from LWWR to make up difference.

Table 1: Historic Water Use – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres	CIR[1]	TIR[2] (in/ac-ft)	TIR[2] (ac-ft)
2013	Wheat	13.5	18.64	24.85/2.07	27.94
	Grass	0.5	34.83	46.44/3.87	1.93
					29.87
2012	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Wheat	2.8	18.64	24.85/2.07	5.80
	Grass	0.5	34.83	46.44/3.87	1.93
					46.78
2011	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2010	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2009	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2008	Wheat	10.7	18.64	24.85/2.07	22.15
	Grass	3.3	34.83	46.44/3.87	12.77
					34.92
2007	Wheat	10.7	18.64	24.85/2.07	22.15
	Grass	3.3	34.83	46.44/3.87	12.77
					34.92
2006	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2005	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2004	Alfalfa	10.7	32.85	43.80/3.65	39.05
	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2003	Alfalfa	10.7	32.85	43.80/3.65	39.05

	Grass	3.3	34.83	46.44/3.87	12.77
					51.82
2002	Wheat	14	18.64	24.85/2.07	***28.98***

[1] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[2] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)

Average Annual Water Use 2002-2013: 44.85 acre-feet per year (3.20 ac-ft per acre/14 acres)

Baseline Water Use Comparisons:
Maximum Historic Use – Farm Service Agency Records: 51.82 acre-feet per year, irrigation of 14 acres (2011)
Maximum Historic Use – Theoretical (Alfalfa – WIG): 51.10 acre-feet per year, irrigation of 14 acres

WW Adj. Cert. No. 344 - Historic Water Use
(Farm Service Agency Records)

Walla Walla Adj. Cert. No. 344

Priority Date: 1889 (Class 27)
Source: Walsh Creek[1]
Quantities: 0.20 cubic feet per second from April 1 to July 1
0.15 cubic feet per second from July 1 to October 1
0.30 cubic feet per second from October 1 to April 1
Purpose of use: Irrigation of 15 acres
Diversion point: SW¼NE¼ of Sec. 9, T. 6 N., R. 35 E.W.M.

[1] If water in Walsh Creek is insufficient to fill right, water may be taken from LWWR to make up difference.

Table 1: Historic Water Use – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres	CIR[1]	TIR[2] (in/ac-ft)	TIR[2] (ac-ft)
2013	Wheat	15	18.64	24.85/2.07	*31.05*
2012	Wheat	15	18.64	24.85/2.07	*31.05*
2011	Wheat	15	18.64	24.85/2.07	*31.05*
2010	Alfalfa	15	32.85	43.8/3.65	*54.75*
2009	Alfalfa	15	32.85	43.8/3.65	*54.75*
2008	Alfalfa	15	32.85	43.8/3.65	*54.75*
2007	Alfalfa	15	32.85	43.8/3.65	*54.75*
2006	Alfalfa	15	32.85	43.8/3.65	*54.75*
2005	Alfalfa	15	32.85	43.8/3.65	*54.75*
2004	Wheat	15	18.64	24.85/2.07	*31.05*
2003	Wheat	15	18.64	24.85/2.07	*31.05*
2002	Wheat	15	18.64	24.85/2.07	*31.05*

[1] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[2] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)

Average Annual Water Use (2002-2013):

42.90 acre-feet per year, irrigation of 15 acres

Baseline Water Use Comparisons:

Maximum Historic Use – Farm Service Agency Records:
54.75 acre-feet per year, irrigation of 15 acres (2010)

Maximum Historic Use – Theoretical (Alfalfa – WIG):
54.75 acre-feet per year, irrigation of 15 acres

WW Adj. Cert. No. 345 - Historic Water Use
(Farm Service Agency Records)

Walla Walla Adj. Cert. No. 345

Priority Date: 1889 (Class 27)
Source: Walsh Creek[1]
Quantities: 0.20 cubic feet per second from April 1 to July 1
0.15 cubic feet per second from July 1 to October 1
0.30 cubic feet per second from October 1 to April 1
Purpose of use: Irrigation of 15 acres
Diversion point: SW¼NE¼ of Sec. 9, T. 6 N., R. 35 E.W.M.

[1] If water in Walsh Creek is insufficient to fill right, water may be taken from LWWR to make up difference.

Table 1: Historic Water Use – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres	CIR[1]	TIR[2] (in/ac-ft)	TIR[2] (ac-ft)
2013	Wheat	13.4	18.64	24.85/2.07	27.73
	Wheat (spring)	1.6	20.85	27.79/2.32	3.71
					31.44
2012	Wheat	6.4	18.64	24.85/2.07	13.25
	Grass	8.6	34.83	46.44/3.87	33.28
					46.53
2011	Wheat	6.4	18.64	24.85/2.07	13.25
	Grass	8.6	34.83	46.44/3.87	33.28
					46.53
2010	Alfalfa	6.4	32.85	43.80/3.65	23.36
	Grass	8.6	34.83	46.44/3.87	33.28
					56.64
2009	Alfalfa	6.4	32.85	43.80/3.65	23.36
	Grass	8.6	34.83	46.44/3.87	33.28
					56.64
2008	Alfalfa	13.4	32.85	43.80/3.65	***48.91***
2007	Alfalfa	14.9	32.85	43.80/3.65	***54.38***
2006	Alfalfa	14.9	32.85	43.80/3.65	***54.38***
2005	Alfalfa	14.9	32.85	43.80/3.65	***54.38***
2004	Onions	8.0	30.92	41.22/3.43	27.48
	Wheat	2.2	18.64	24.85/2.07	4.55
					32.03
2003	Wheat	10.2	18.64	24.85/2.07	21.11
	Onion	3.0	30.92	41.22/3.43	10.29
	Tomato	1.7	25.06	33.41/2.78	4.73
					36.13
2002	Wheat	7.1	18.64	24.85/2.07	14.70
	Barley	1.9	20.85	27.79/2.32	4.41
					19.11

[1] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[2] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)

Average Annual Water Use (2002-2013):

44.75 acre-feet per year/average of 13.93 acres

Baseline Water Use Comparison:

Maximum Historic Use – FSA Records:
56.64 acre-feet per year, irrigation of 15 acres (2010)

Maximum Historic Use – Theoretical (Alfalfa – WIG):
54.75 acre-feet per year, irrigation of 15 acres

WW Adj. Cert. No. 347 - Historic Water Use
(Farm Service Agency Records)

Walla Walla Adj. Cert. No. 347

Priority Date: 1889 (Class 27)
Source: Walsh Creek[1]
Quantities: 0.866 cubic feet per second from April 1 to July 1
0.650 cubic feet per second from July 1 to October 1
1.30 cubic feet per second from October 1 to April 1
Purpose of use: Irrigation of 65 acres
Diversion point: NE¼SW¼ of Sec. 8, T. 6 N., R. 35 E.W.M.

[1] If water in Walsh Creek is insufficient to fill right, water may be taken from LWWR to make up difference.

Table 1: Historic Water Use – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres	CIR[1]	TIR[2] (in/ac-ft)	TIR[2] (ac-ft)
2013	Alfalfa	19.41	32.85	43.80/3.65	70.85
	Wheat	45.59	18.64	24.85/2.07	94.37
					165.22
2012	Alfalfa	27.7	32.85	43.80/3.65	101.10
	Wheat	37.3	18.64	24.85/2.07	77.21
					173.31
2011	Alfalfa	65	32.85	43.80/3.65	***237.25***
2010	Alfalfa	65	32.85	43.80/3.65	***237.25***
2009	Alfalfa	65	32.85	43.80/3.65	***237.25***
2008	Alfalfa	24.7	32.85	43.80/3.65	90.15
	Wheat	40.3	18.64	24.85/2.07	83.42
					173.57
2007	Alfalfa	24.7	32.85	43.80/3.65	90.15
	Wheat	40.3	18.64	24.85/2.07	83.42
					173.57
2006	Alfalfa	54.7	32.85	43.80/3.65	199.65
	Wheat	10.3	18.64	24.85/2.07	21.32
					220.97
2005	Alfalfa	44	32.85	43.80/3.65	160.6
	Safflower	21	23.44	31.25/2.60	54.6
					215.2
2004	Alfalfa	16.7	32.85	43.80/3.65	60.95
	Wheat	48.3	18.64	24.85/2.07	99.98
					160.93
2003	Alfalfa	16.7	32.85	43.80/3.65	60.95
	Wheat	48.3	18.64	24.85/2.07	99.98
					160.93
2002	Wheat	65	18.64	24.85/2.07	***134.55***

[1] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[2] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)

Average Annual Water Use 2002-2013:

177.42 acre-feet per year (2.72 ac-ft per acre/65 acres)

Baseline Water Use Comparisons:

Maximum Historic Use – Farm Service Agency Records:
237.25 acre-feet per year, irrigation of 65 acres (2011)

Maximum Historic Use – Theoretical (Alfalfa – WIG):
237.25 acre-feet per year, irrigation of 65 acres

Ground Water Certificate No. G3-01004C - Historic Water Use
(Farm Service Agency Records)

Ground Water Cert. No. G3-01004C

Priority Date: April 4, 1969
Source: A well (gravel aquifer)
Quantities: 275 gallons per minute, 440 acre-feet per year
Purpose of use: Irrigation of 150 acres
Well Location: NW¼SE¼ of Sec. 5, T.6 N., R. 35 E.W.M.

Table 1: Historic Water Use[1] – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres (Primary)	CIR[2]	TIR[3] (in/ac-ft)	TIR[3] (ac-ft)
2013	Wheat	30.97	18.64	24.85/2.07	*64.10*
2012	Wheat	30.0	18.64	24.85/2.07	*62.10*
2011	Alfalfa	7.7	32.85	43.80/3.65	28.1
	Wheat	25.3	18.64	24.85/2.07	52.37
					80.47
2010	Alfalfa	32.4	32.85	43.80/3.65	*118.26 (67.4[4])*
2009	Alfalfa	32.4	32.85	43.80/3.65	*118.26 (67.4[4])*
2008	Wheat	32.3	18.64	24.85/2.07	*66.86*
2007	Wheat	34.1	18.64	24.85/2.07	*70.58*
2006	Wheat	35.2	18.64	24.85/2.07	*72.86*
2005	Safflower	35.2	23.44	31.25/2.60	*91.52*
2004	Wheat	35.2	18.64	24.85/2.07	*72.86*
2003	Wheat	35.2	18.64	24.85/2.07	*72.86*
2002	Wheat	20	18.64	24.85/2.07	*41.40*

[1] Water use on primary acres (quantities in addition to those used to supplement surface water rights)
[2] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[3] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)
[4] The total water withdrawn is limited to 440 acre-feet per year, less any water withdrawn under WW Adj. Cert. No. 98 & 347. Provision limits allocation in 2009-2010 to 67.4 acre-feet.

Average Annual Water Use (In Addition to SW Use) 2002-2013 :

77.84 acre-feet per year (average of 2.42 ac-ft per acre/32.11 acres)
Note: This average does not take into account limitations due to being supplemental to WW Adj. Cert. Nos. 98 & 347. Total water withdrawn may not exceed 440 acre-feet per year, LESS water used under WW Adj. Cert. Nos. 98 & 347.

Baseline Water Use (Primary Acres) Comparison:

Maximum Historic Use – Farm Service Agency Records:
67.4 acre-feet per year, irrigation of 32.4 acres (2010)

Maximum Historic Use – Theoretical (Alfalfa – WIG):
118.26 acre-feet per year, irrigation of 32.4 acres

Ground Water Certificate No.4552-A - Historic Water Use
(Farm Service Agency Records)

Ground Water Certificate No. 4552-A

Priority Date: May 8, 1962
Source: A well (gravel aquifer)
Quantities: 200 gallons per minute, 160 acre-feet per year
Purpose of use: Irrigation of 40 acres, stockwater
Well Location: NW¼SW¼ of Sec. 4, T. 6 N., R. 35 E.W.M.

Table 1: Historic Water Use[1] – Farm Service Agency Records (2002-2013)

Year	Crop Type	Acres (Primary)	CIR[2]	TIR[3] (in/ac-ft)	TIR[3] (ac-ft)
2013	Wheat (spring)	4.4	20.85	27.80/2.32	*10.21*
2012	Wheat	3	18.64	24.85/2.07	*6.21*
2011	Wheat	3	18.64	24.85/2.07	*6.21*
2010	Alfalfa	3	32.85	43.80/3.65	*10.95*
2009	Alfalfa	3	32.85	43.80/3.65	*10.95*
2008		0			
2007		0			
2006		0			
2005		0	No Primary Acres Irrigated		
2004		0			
2003		0			
2002		0			

[1] Water use on primary acres (quantities in addition to those used to supplement surface water rights)
[2] Crop Irrigation Requirement – from State of Washington Irrigation Guide
[3] Total Irrigation Requirement – assumes 75% application efficiency (Ecology GUID-1210, Table 1)

Average Annual Water Use (In Addition to SW Acres) 2009-2013 :

8.91 acre-feet per year (average of 2.72 ac-ft per acre/3.28 acres)

Baseline Water Use (Primary Acres) Comparison:

Maximum Historic Use – Farm Service Agency Records:
10.95 acre-feet per year, irrigation of 3 acres (2010)

Maximum Historic Use – Theoretical (Alfalfa – WIG):
16.06 acre-feet per year, irrigation of 4.4 acres