



State of Washington  
REPORT OF EXAMINATION  
FOR WATER RIGHT CHANGE

**PRIORITY DATE**  
February 1, 1937

**WATER RIGHT NUMBER**  
SW Certificate No. 1156 w/chg Vol. 2, Pg. 716

**MAILING ADDRESS**  
Janice Riley  
566 Cummins Road  
Walla Walla, WA 99362

**SITE ADDRESS (IF DIFFERENT)**

**Quantity Authorized for Diversion**

DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
148.5 gpm (0.331 cfs)	gpm	79.21

**Purpose of Use**

**Irrigation**

IRRIGATED ACRES	21.7 acres
PRIMARY <b>yes</b>	NON-ADDITIVE

**Source Limitations**

SOURCE FACILITY/DEVICE	DIVERSION RATE	ANNUAL QUANTITY (AF/YR)	PERIOD OF USE
Touchet River	148.5 gpm	79.21	Year around

**Source Location**

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
Walla Walla	Touchet River	Walla Walla River	32-Walla Walla

SOURCE FACILITY/DEVICE	POD	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Diversions	Existing	7 N.	33 E.	33	NE¼SE¼	N46.03961	W118.68396
	Added	7 N.	33 E.	33	SE¼SE¼		

Datum: WGS84

**Place of Use (See Attached Map)**

**PARCELS # 330733410004 and # 330734320019**

**LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE**

A portion of the NE¼SE¼ of Section 33 and the NW¼SW¼ of Section 34, T. 7 N., R. 33 East Willamette Meridian specifically described as follows: Parcel B and Parcel C, as shown on map for record in Book 11 Page 243 Auditor file 2011-00453 in the county of Walla Walla, Washington.

### Proposed Works

Installation of pumps, pipes, flow meters, fish screen, and sprinklers (already completed).

### Development Schedule

#### BEGIN PROJECT

Begun

#### COMPLETE PROJECT

Completed

#### PUT WATER TO FULL USE

In use

### Measurement of Water Use

How often must water use be measured?

Weekly

How often must data be reported to Ecology?

Annually

What volume should be reported?

Total Annual Volume

What rate should be reported?

Annual Peak Rate of Diversion (gpm or cfs)

### Provisions

#### Relationship to Other Rights

The total instantaneous quantity ( $Q_i$ ) of water allocated under water right SW Certificate No. 1156 w/chg Vol. 2, Pg. 716 is limited to:

148.5 gpm

The total annual quantity ( $Q_a$ ) of water allocated under this surface water right is limited to **79.21** acre-feet/year for the irrigation of 21.7 acres.

Touchet River Adjudicated Certificate 116 (A) was issued to Eastside Irrigation Dist. #6 and Westside Irrigation Dist #5. The priority date is 1882. The certificate authorizes 30.353 cfs instantaneous withdrawal and 8,703.75 acre-feet annual quantity for irrigation of 1972.95 acres. The POU for water right SW Certificate No. 1156 w/chg Vol. 2, Pg. 716 overlaps (is within) the POU for Eastside/Westside Irrigation District. The change proposed in this ROE will not interfere, or have any impact to the District's ability to provide water to its customers. The land owner can also apply water from the eastside/Westside irrigation district for irrigation purpose.

#### Measurements, Monitoring, Metering and Reporting

An approved measuring device shall be installed and maintained for each of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173, which describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

#### Department of Fish and Wildlife Requirement(s)

The intake(s) shall be screened in accordance with Department of Fish and Wildlife screening criteria (pursuant to RCW 77.57.010, RCW 77.57.070, and RCW 77.57.040). Contact the Department of Fish and Wildlife, 600 Capitol Way N, Olympia, WA 98501-1091. Attention: Habitat Program, Phone: (360) 902-2534 if you have questions about screening criteria. <http://wdfw.wa.gov/about/contact/>

**Water Use Efficiency**

The water right holder is required to maintain efficient water delivery systems and use of up-to-date water conservation practices consistent with RCW 90.03.005.

**Proof of Appropriation**

The water right holder must file the notice of Proof of Appropriation of water (under which the Certificate of Change or Superseding Certificate is issued) when the permanent distribution system has been constructed and the quantity of water required by the project has been put to full beneficial use. The certificate of change or superseding certificate will reflect the extent of the project perfected within the limitations of the water right. Elements of a proof inspection may include, as appropriate, the source(s), system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

**Schedule and Inspections**

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

**Real Estate Excise Tax**

This decision may indicate a Real Estate Excise Tax liability for the seller of water rights. The Department of Revenue has requested notification of potentially taxable water right related actions, and therefore will be given notice of this decision, including document copies. Please contact the state Department of revenue to obtain specific requirements for your project. Phone: (360) 570-3265. The mailing address is: Department of Revenue, Real Estate Excise Tax, PO Box 47477, Olympia WA 98504-7477 internet: <http://dor.wa.gov/>. E-mail: REETSP@DOR.WA.GOV

**Findings of Facts**

Upon reviewing the investigator's report, I find all facts, relevant and material to the subject application, have been thoroughly investigated. Furthermore, I concur with the investigator that the proposed change is from the same source of water; that there will be no impairment of existing rights; and that the purpose of use is beneficial.

Therefore, I ORDER approval of Application for change to SW Certificate No. 1156-A w/chg 716 subject to existing rights and the provisions specified above.

**Your Right To Appeal**

You have a right to appeal this Order to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do the following within 30 days of the date of receipt of the Order.

File your appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.

- Serve a copy of your appeal and this Order on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

- You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Street Addresses	Mailing Addresses
<b>Department of Ecology</b> Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	<b>Department of Ecology</b> Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
<b>Pollution Control Hearings Board</b> 1111 Israel Road SW Ste 301 Tumwater, WA 98501	<b>Pollution Control Hearings Board</b> PO Box 40903 Olympia, WA 98504-0903

Signed at Spokane, Washington, this 30th day of April, 2015.



Keith L. Stoffel, Section Manager

For additional information visit the Environmental Hearings Office Website: <http://www.eho.wa.gov>. To find laws and agency rules visit the Washington State Legislature Website: <http://www1.leg.wa.gov/CodeReviser>.

INVESTIGATOR'S REPORT  
 Ying Fu, Department of Ecology  
 Water Right WRTS Number: CS3-\*04342C  
 SW Certificate No. 1156 w/chg Vol. 2, Pg. 716

**BACKGROUND**

Touchet River Surface Water Certificate No. 1156 w/chg Vol. 2, Pg. 716 was issued January 27, 1939 to Lucille Gardner Kimmerly of Walla Walla, Washington. The priority date is February 1, 1937. The certificate authorizes an instantaneous diversion of 0.61cfs (cubic feet per second) for the irrigation of 40 acres.

On August 1, 1962, SW Certificate No. 1156 w/chg Vol. 2, Pg. 716 split into two: w/chg Vol. 2 Pg. 716 and w/chg Vol. 2 Pg. 717 through change applications. The proposed project is for SW Cert. 1156 w/chg Vol. 2, Pg. 716, which authorizes Qi as 0.331 cfs and the point of diversion (POD) at NE¼SE¼ of Sec.33 within T. 7 N., R. 33 E.W.M., and for the irrigation of 21.7 acres. Certificate of Change 1156 w/chg Vol. 2, Pg. 716 was issued to Edward O. Bymes.

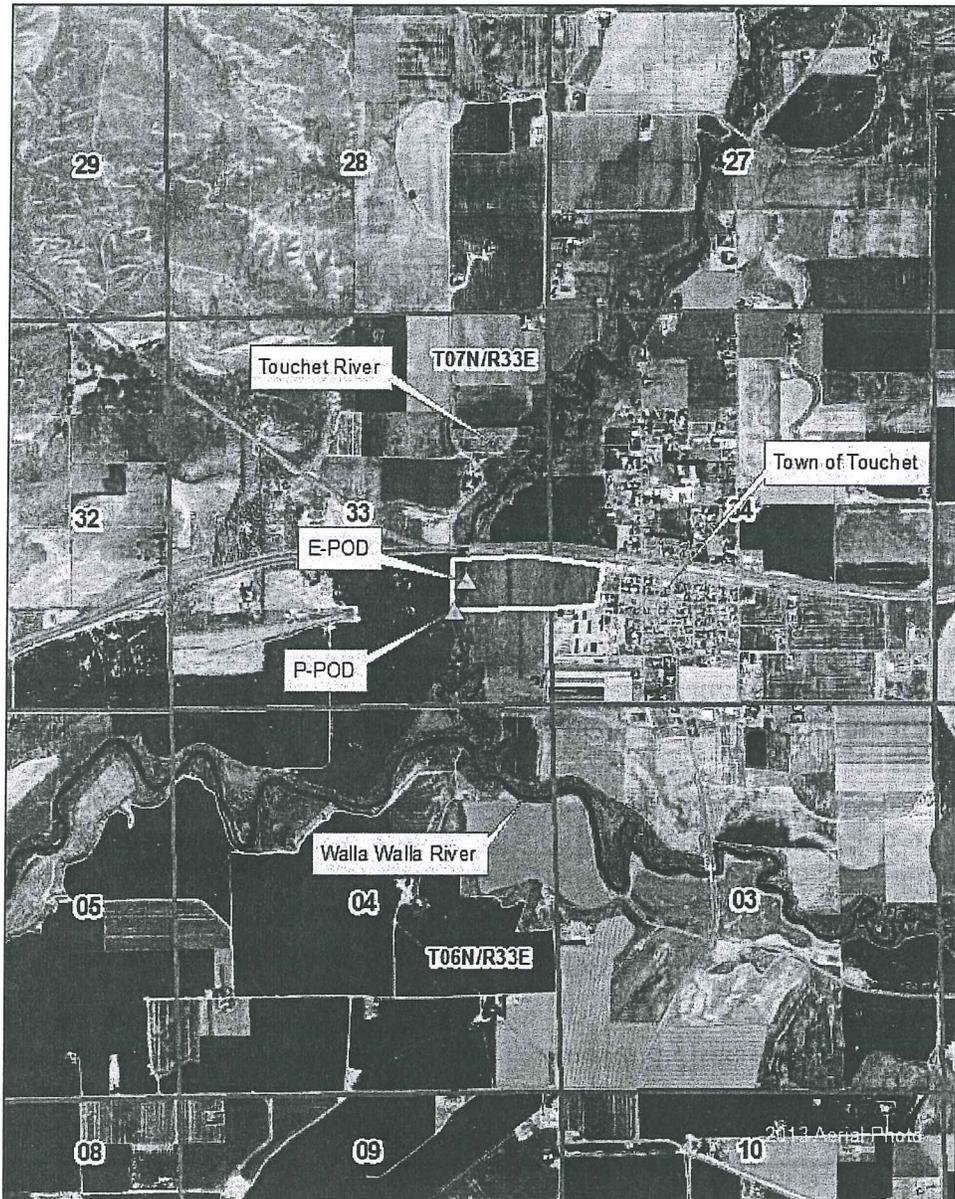
On July 8, 2005, Louis E. Riley filed a change application to formally add an additional POD for SW Certificate No. 1156 w/chg Vol. 2, Pg. 716 at a proposed location in the SE¼SE¼ of Section 33, T. 7 N., R. 33 E.W.M., Walla Walla County, Washington. The application for change was assigned to Janice Riley on November 22, 2013.

**Attributes of the Existing Water Right and Proposed change**

**Table 1 Touchet River Surface Water Certificate No. 1156 w/chg Vol. 2, Pg. 716  
 Proposed attributes**

Attributes	Existing	Proposed
Name	Edward O. Bymes	Janice Riley
Priority Date	2/1/1937	same
Instantaneous Quantity: Qi cfs (cubic feet per second)	0.331 cfs	same
Annual Quantity: Qa	N/A	same
Purpose of Use	Irrigation	same
Place of Use: for the irrigation of 21.7 acres	A portion of NE¼SE¼ Section 33 and NW¼SW¼ Section 34, T.7 N. R. 33 East Willamette Meridian, specifically described as follows: Parcel B and Parcel C, as shown on map for record in Book 11 Page 243 auditor file 2011-00453, in the county of Walla Walla, Washington.	same
Point of Diversion	NE¼SE¼ of Sec.33, T. 7 N., R. 33 E.W.M.	Added: SE¼SE¼ of Sec. 33, T. 7 N., R. 33

**Figure 1**  
**Project Site Vicinity Map**  
**SW Cert.No.1156-A w/chg 716**  
**2013 Aerial Photo**  
**1:24000**



## Legal Requirements for Proposed Change

- **Public Notice**

RCW 90.03.280 requires that notice of a water right application be published once a week for two consecutive weeks, in a newspaper of general circulation in the county or counties where the water is to be stored, diverted and used. Notice of this application was published in a weekly official newspaper of the City of Waitsburg and the County of Walla Walla, during the weeks of February 16 and February 23, 2006. No protests or objections were received.

- **Consultation with the Department of Fish and Wildlife**

The Department must give notice to the Department of Fish and Wildlife of applications to divert, withdraw or store water. This notice was submitted via email on December 9, 2014 to Steve Boessow. A letter was received from WDFW on January 13, 2015 that indicated they do not oppose the project. The project is subject to state Hydraulic Code (Chapter 77.55 RCW) and fish screening statutes (RCW 77.57.010, RCW 77.57.040 and RCW 77.57.070). Contact the Department of Fish and Wildlife, at 600 Capitol Way N, Olympia, WA 98501-1091, Attention: Habitat Program or by phone at (360) 902-2534, if you have questions about screening criteria.

- **State Environmental Policy Act (SEPA)**

A water right application 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 2250 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.

This application is exempt from the provisions of the State Environmental Policy Act (SEPA) of 1971, Chapter 43.21 RCW, due to the fact that the cumulative quantities of

water for this project under all water rights constitute a withdrawal of less than one (1) cubic foot per second, and none of the other conditions described above are met.

- **Water Resources Statutes and Case Law**

RCW 90.03.380(1) allows for a water right that has been put to beneficial use to be changed. The point of diversion, place of use, and purpose of use may be changed if the change would not result in harm or injury to existing water rights.

The Washington Supreme Court has held that Ecology, when processing an application for change to a water right, is required to make a tentative determination of extent and validity of the claim or right. This is necessary to establish whether the claim or right is eligible for change. *R.D. Merrill v. PCHB* and *Okanogan Wilderness League v. Town of Twisp*.

A point of diversion for a surface water right may be changed or added. RCW 90.03.380(1) states that a water right that has been put to beneficial use may be changed if it would not result in detriment or injury to other water rights.

## INVESTIGATION

Reports and materials considered during the course of this investigation include the following:

- Change applications for Surface Water Cert. 1156 w/chg Vol. 2, Pg. 716 and SW Cert. 4991
- State Water Code, administrative rules and policies, relevant case law
- Related water right files
- Notes documenting the site visit by Ying Fu and Ecology Water Master Eric Hartwig.
- Washington Irrigation Guide (WA 210-VI-WAIG)
- Aerial photographs when they are available for the past 10 years
- USGS topographic maps
- Farm Service Administration crop records
- Walla Walla County Assessor records
- Discussions with other Water Resources Program staff in Ecology's ERO
- Touchet River Adjudication documents

### **Site Inspections**

The project site is located approximately one mile west of the Town of Touchet along US Hwy 12, and 17 miles west of the City of Walla Walla, in Walla Walla County, Washington (Figure 1).

A field examination was conducted by Ying Fu and Ecology water master Eric Hartwig on April 30, 2014. A meeting was held at Ms. Janice Riley's house with Ms. Janice Riley and her

daughter Ms. Carol Hopkins. A field walk through followed the meeting. A second site visit was conducted by Eric Hartwig in October, 2014 to obtain additional information regarding the irrigated acres and cropping records for the last ten years.

Farm Services Agency (FSA) cropping data from 2000 to 2005 were submitted. FSA cropping data for irrigated acres cover two water rights, SW Cert. No. 1156 w/chg Vol. 2, Pg. 716 and SW Cert. No. 4991. For the Place of Use (POU) under SW Cert. No. 1156 w/chg Vol. 2, Pg. 716, the crops were planted on two parcels: #330733410004 (22.8 acres) of which 18.8 acres were irrigated, and #330734320019 (8.85 acres) of which 7.85 were irrigated. Therefore the total irrigated acres are 26.65 acres under FSA records. However, the irrigated acres are limited to 21.7 acres under authorization of SW Cert. 1156 w/chg Vol. 2, Pg. 716.

The applicant proposes to add a new Point of Diversion (POD) to the existing POD less than 1/4 mile downstream on the Touchet River. The proposed POD was added 24 years ago, and has been in use for the past 24 years. It was installed due to constant stream channel changing conditions, and the land owner needed the flexibility to use both PODs at two different locations based on stream conditions of each year, although the existing POD had not been in use for the past 24 years.

The proposed POD GPS coordinates are N 46.03961; W 118.68396. This added POD will be shared with another water right, SW Cert. No. 4991. A single 15 HP pump is used for both water rights. Peak flow for both water rights was between 250 gpm (April) up to 300 gpm (Sept and Oct).

Typical irrigation set up for the field (POU for SW Cert. No. 1156 w/chg Vol. 2, Pg. 716) is a wheel line with approximately 20 sprinklers and a handline with approximately 16 sprinklers, which at four gpm each runs about 144 gpm. Crops planted from 2000 to 2004 were alternating alfalfa hay and grass hay. In 2005, mostly wheat and a small section of grass hay was grown on the field.

A fish screen was installed and is manually operated through a mechanical pulley system. The project is subject to state hydraulic code (Chapter 77.55RCW) and fish screening statutes (RCW 77.57.010, RCW 77.57.070).

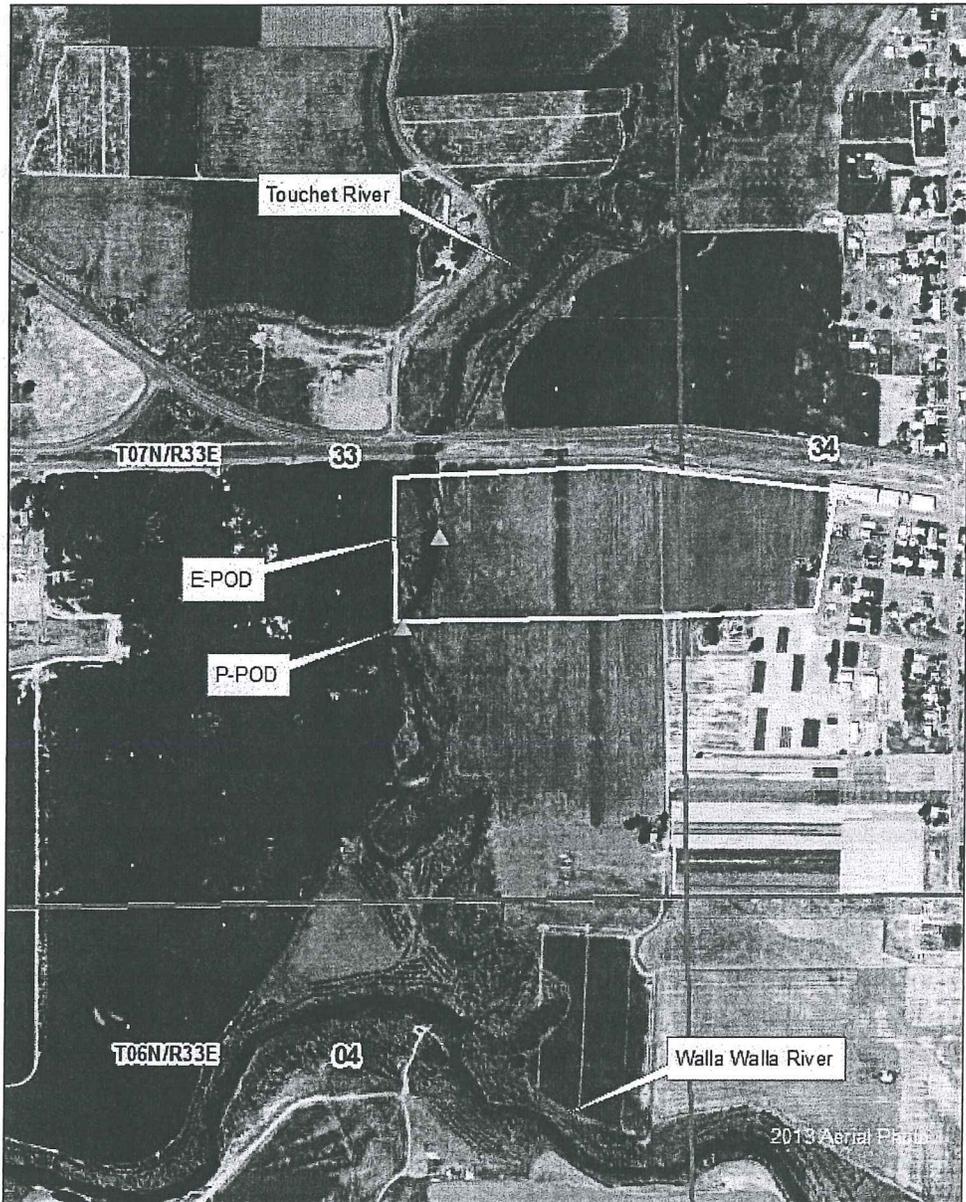
### **Other Rights Appurtenant to the Place of Use**

A review of Ecology records were conducted for existing water right certificates, permits and claims appurtenant to the project. The search focused primarily on areas that overlap the POU with SW Cert. 1156-A, and mainly in Sections 33 and 34, T. 7 N., and Range 33 E.W.M. The review of Ecology records shows one other water right appurtenant to the authorized place of use.

**Touchet River Adj.Cert. 116(A) ( S3- 34116J(A) )** – Touchet River Adjudicated Certificate 116 (A) was issued to Eastside Irrigation Dist. #6 and Westside Irrigation Dist #5. The priority date is 1882. The certificate authorizes 30.353 cfs instantaneous withdrawal and 8,703.75 acre-feet annual quantity for irrigation of 1972.95 acres. The place of use of SW Cert. 1156 w/chg Vol. 2,

Pg. 716 is within the Eastside/Westside Irrigation Dist. POU. The change proposed in this ROE will not interfere, or have any impact to the District's ability to provide water to its customers. And the land owner is also covered by the Eastside/Westside districts services.

figure 2  
Verified Boundary for SW Cert.  
No. 1156-A w/chg 716  
2013 Aerial Photo  
1:8000



## History of Water Use

Washington State Supreme Court, in Okanogan Wilderness vs. Town of Twisp and Department of Ecology 133 Wn.2d 769,947 P.2d 732 (1997), held that applications for change may be granted only to the extent the water has been put to beneficial use, as beneficial use determines the measure of a water right. They also found that the existence and quantification of a water right must be determined, including whether or not the water right has been relinquished or abandoned, before the Department can approve a change or transfer of the water right. While the superior court, through an adjudicative process, is the only authority that can make a final determination as to a water rights extent, validity and priority, Ecology is required to make a tentative determination of these factors for purposes of making decisions on change applications.

The site visit, past 10 years of aerial photos (See Figure 2), the land owner's personal statements, power records and FSA (Farm Service Agency) crop records confirm that water has been historically and beneficially used on Janice Riley's property within the legally authorized place of use. The crop records submitted allow calculation of historical water use for Janice Riley's property.

The quantities of water beneficially used were determined by using the Washington Irrigation Guide, the FSA crop records and aerial photos, to estimate water use for the highest water duty crop grown which has consistently been alfalfa in the 21.7 acres of irrigated land.

## Beneficial Use Per Unit Acre

The equation to calculate the water use per acre unit is as follows:

$$(1 \text{ acre} \times \frac{1 \text{ Crop water need}}{12 \text{ inch/1 ft}} / {}^2\text{Ea}) = \text{? AF (acre-feet)}$$

<sup>1</sup> The specific crop water need is based on Washington State Irrigation Guide 2010. Alfalfa requires 32.85 inches of water in the project area.

<sup>2</sup> The application efficiency (Ea) is determined in Ecology guidance document GUID-1210. For a hand-line irrigation system, it is determined to be 75% efficient.

$$1 \text{ acre} \times 32.85 \text{ inch/12 inch/ft}/75\% / 1 \text{ acre} = 3.65 \text{ acre-ft/acre}$$

## Estimate of Irrigated Acres

SW Cert. 1156 w/chg Vol. 2, Pg. 716 authorizes the irrigation of 21.7 acres. It is evident from FSA records that more than 21.7 acres has been consistently irrigated in the past 20 years, but only 21.7 acres are authorized under the water right. Therefore it is concluded that 21.7 acres are authorized as the irrigated acres within the total of 31.65 acre POU under SW Cert. 1156 w/chg Vol. 2, Pg. 716.

### **Annual Beneficial Use Qa**

Annual beneficial water use for Touchet River SW Cert. 1156 w/chg Vol. 2, Pg. 716 is calculated as:

$$21.7 \text{ acres} \times 3.65 \text{ ac-ft/acre} = 79.21 \text{ acre-ft}$$

There was no annual quantity authorized under the original water right, only instantaneous withdrawal was granted.

### **Instantaneous Quantity Qi**

The instantaneous withdrawal for SW Cert. 1156 w/chg Vol. 2, Pg. 716 is 148.5 gpm (0.331 cfs) year around. The same proposed POD is shared and has been for the past 24 years, with the land owner holding Surface Water Right SW Cert. 4991. The pumping system is set up using a single 15 HP pump with peak flows ranging from 150 gpm to 300 gm. It is concluded that the Qi is fully utilized throughout the irrigation season and should remain within the authorized quantity:

Qi: 148.5gpm (or 0.331 cfs) year around.

### **Hydrologic/Hydrogeologic Evaluation**

The Touchet River is the largest tributary of the Walla Walla River in southeastern Washington. It originates above the town of Dayton, Washington, and passes through Waitsburg and Prescott before joining the Walla Walla River at the town of Touchet, Washington. The main Touchet River is formed by the confluence of the North Fork of the Touchet which originates in the vicinity of the Bluewood Ski Area, and the South Fork of the Touchet which originates at Deadman Peak. The forks join approximately two miles south and upstream of Dayton. The North Fork is approximately 25 miles long and the South Fork is approximately 20 miles long.

At the foot of the mountain slope, the river abruptly changes direction and flows westward to the Eureka Flats, passing through the towns of Waitsburg and Prescott, after which it flows southward where it converges with the Walla Walla River at the town of Touchet. The valleys that dissect the Blue Mountains are mostly narrow, steep gradient canyons with streambeds composed of poorly sorted cobbles and gravels. As the North Fork Touchet flows toward Dayton and merges with the South Fork Touchet, the river gradient decreases and the channel become broader. The poorly sorted cobble and gravel streambed has increasing amounts of sand. As the Touchet River flows through the valley, the streambed materials grade into poorly sorted coarse gravels and cobbles with sand. West of Prescott, the Touchet River flows over basalt bedrock returning to poorly sorted coarse gravels and cobbles with sand after the river has turned south. The streambed materials alternate between poorly sorted alluvium and bedrock to the mouth of the Touchet River, where it discharges into the Walla Walla River. The Touchet River is 85 miles in length, drains 747 square miles and ranges in elevation from 6,074 feet at its headwaters to 420 feet above sea level at its confluence.

The location of the proposed project is approximately ½ a river mile from the mouth of the Touchet River where it discharges into the Walla Walla River. The added POD is approximately less than a ¼ mile from the existing POD, in Water Resource Inventory Area (WRIA) 32. The land associated with this water right is located south of State Hwy 12, approximately one mile from the Town of Touchet, Washington.

Approval of this proposed change would authorize an added POD for SW Cert. 1156 w/chg Vol. 2, Pg. 716. The existing POD is located less than a ¼ mile upstream of the proposed POD on the Touchet River. The approval should enhance flows through this reach of the Touchet River, due to the fact that the existing POD has not been in use for the past 24 years.

### **Impairment Considerations**

“Impair” or “impairment” means to 1) adversely impact the physical availability of water for a beneficial use that is entitled to protection and/or 2) to prevent the beneficial use of the water to which one is entitled, and/or 3) degrade the quality of the source to the point that water is unsuitable for use by existing water right holders (WAC 173-150).

Touchet River Adjudicated (TRAC) Certificate 116 (A) was issued to Eastside Irrigation Dist. #6 and Westside Irrigation Dist #5. The priority date is 1882. The certificate authorizes 30.353 cfs instantaneous withdrawal and 8,703.75 acre-feet annual quantity for the irrigation of 1972.95 acres. SW Cert. 1156 w/chg Vol. 2, Pg. 716 POU overlaps or is within the Eastside/Westside Irrigation Dist. POU. The POD for the District water right TRAC No. 116 is almost two river miles upstream of the SW Cert. No. 1156 w/chg Vol. 2, Pg. 716 POD, therefore the proposed change in this ROE will not interfere, or have any impact to the District’s ability to provide water to its customers.

Diversion and beneficial use of water from SW Cert. No. 1156 w/chg Vol. 2, Pg. 716 has not caused any impairment to other water users in the past, and no water rights are owned by other land owners in between the existing POD and added proposed POD, so exercise of this right in a similar manner should not cause impairment of any water rights in the future.

Instream flows on this reach of the Touchet River should benefit from the change to SW Cert. 1156 w/chg Vol. 2, Pg. 716, because the newly added POD is from a downstream point on the Touchet River. There will be no impairment to other existing water rights on this reach of the Touchet River.

### **Consideration of Protests and Comments**

No protests or comments regarding this application were received.

### **CONCLUSIONS**

Based on the investigation of relevant information regarding the proposed change to SW Certificate 1156 w/chg Vol. 2, Pg. 716, it is the conclusion of this examiner that irrigation is a beneficial use of water, and the proposed POD will not enhance the existing right and will not cause impairment of any existing water rights.

## RECOMMENDATIONS

Based on the above investigation, I recommend the requested change to SW Certificate 1156 w/chg Vol. 2, Pg. 716 be approved as follows:

Qi = 148.5gpm (or 0.331 cfs) year around

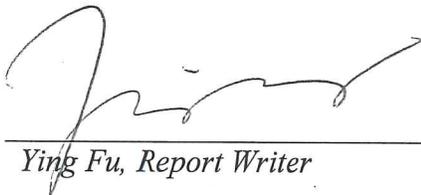
Qa = 79.21 acre-ft per year

For irrigation of 21.7 acres.

Point of Diversions:

1. Existing POD on the Touchet River at NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Sec. 33, T. 7 N., R. 33 E.W.M.
2. Added POD on the Touchet River with GPS coordinates of N46.03961; W118.68396, within the SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Sec. 33, T. 7 N., R. 33 E.W.M.

Place of Use = A portion of the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 33 and the NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 34, T. 7 N., R. 33 East Willamette Meridian being more particularly described as follows: Parcel B and Parcel C, in the county of Walla Walla, Washington, as shown on the map filed for record in Book 11, Page 243 auditor file 2011-00453, in the office of the Walla Walla county auditor.



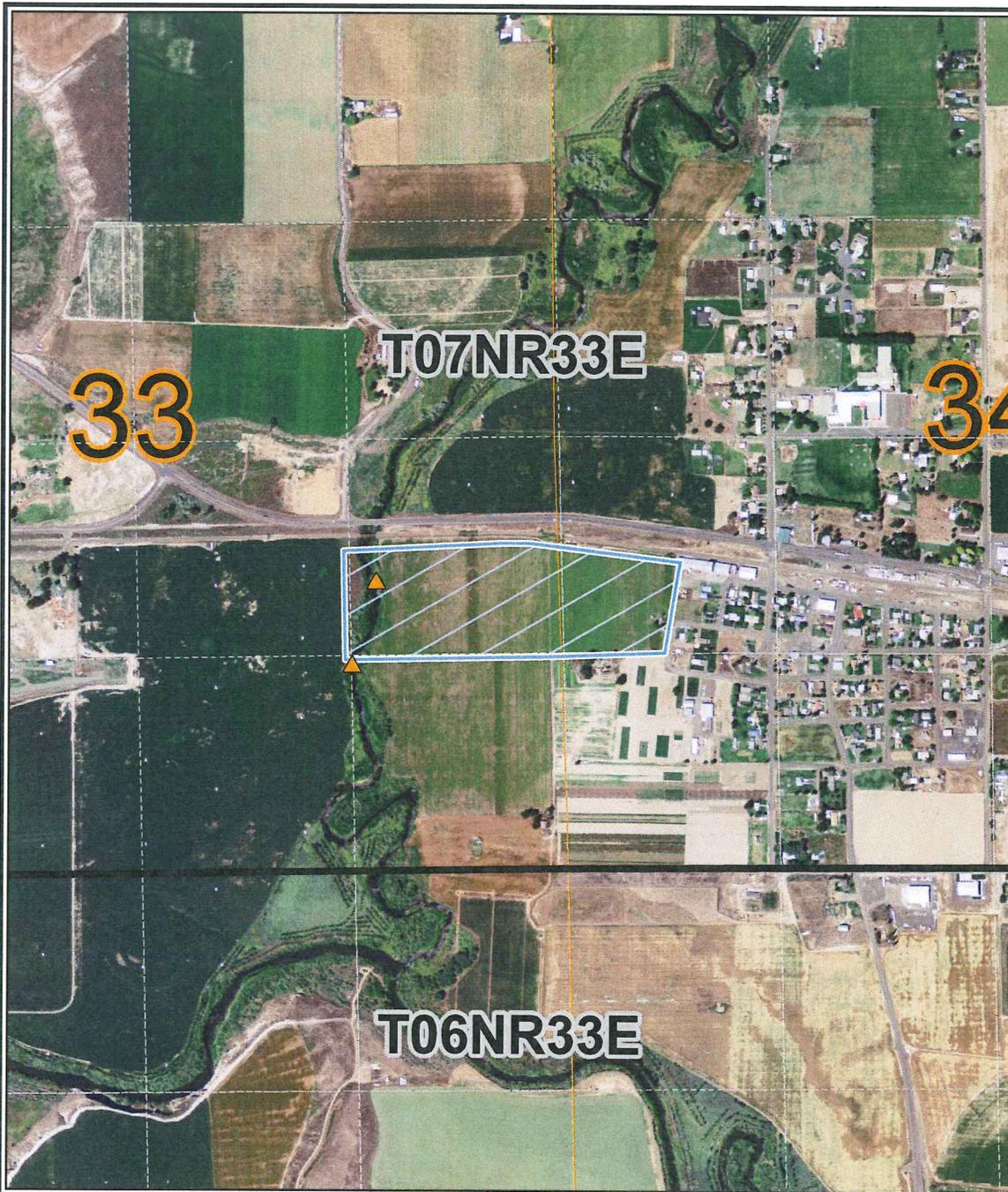
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Ying Fu, Report Writer

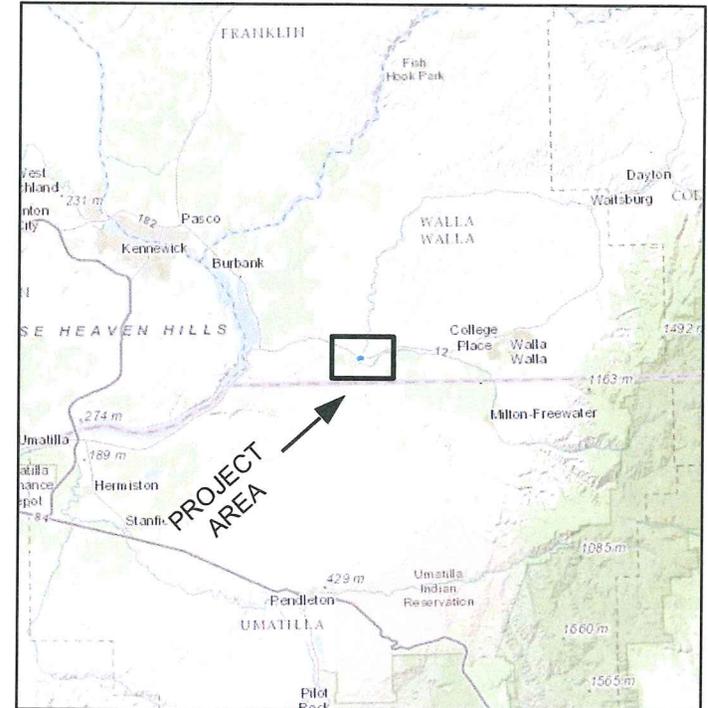
Date

4/29/2015

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Ms. Janice Riley  
 SW Certificate No. 1156 w/chg V2P716  
 T07N/R33E



Basemap - (ESRI US Topographic Maps)

**Legend**

-  Authorized Place of Use
-  Townships
-  Sections

**▲ Authorized Point of Diversion**

(Source locations may vary in their accuracy and precision as stated within the body of the report.)



Basemap - (NAIP 2013 1m color)



Map Date: 4/27/2015



**Comment:**

Place of use and source locations are as defined within the Report of Examination cover sheet for the document identified in the header above.