



State of Washington
DRAFT
 REPORT OF EXAMINATION
 FOR WATER RIGHT CHANGE

File NR CS3-*45072J
 WR Doc ID 4688005

PRIORITY DATE 1893 - CLASS 8	WATER RIGHT NUMBER Chewelah Creek Surface Water Adjudicated No. 72
MAILING ADDRESS Burnt Valley Ranch Paul D. Bennett 2955 Burnt Valley Road Chewelah WA 99109	SITE ADDRESS (IF DIFFERENT)

Total Quantity Authorized for Diversion

DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
0.50	CFS	86

Purpose

PURPOSE	DIVERSION RATE		UNITS	ANNUAL QUANTITY (AF/YR)		PERIOD OF USE (mm/dd)
	ADDITIVE	NON-ADDITIVE		ADDITIVE	NON-ADDITIVE	
Irrigation	0.50	---	CFS	86	---	APRIL 15 - SEPT. 15

IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
ADDITIVE	NON-ADDITIVE	WATER SYSTEM ID	CONNECTIONS
30	---	N/A	N/A

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
STEVENS	CHEWELAH CREEK (S. FORK)	COLVILLE RIVER	59-COLVILLE RIVER BASIN

SOURCE	PARCEL	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
CHEWELAH CREEK	5603600	33 N.	41 E.	21	SW¼SE¼	48.33740	117.63478

Datum: WGS84

Place of Use (See Attached Map)

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE
 30 acres within a portion of the SE¼SE¼ of Sec. 21, T. 33N., R. 41 E.W.M.

Proposed Works

25 hp pump, wheel lines

Development Schedule

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
Started	Complete	In-Use

Measurement of Water Use

How often must water use be measured?	Weekly
How often must data be reported to Ecology?	Annually (Jan 31)
What volume should be reported?	Total Annual Volume
What rate should be reported?	Annual Peak Rate of Withdrawal (cfs)

Provisions

Measurements, Monitoring, Metering and Reporting

An approved measuring device must 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.

The Chewelah Creek Adjudication Decree dated October 15, 1932 ordered: *"That any person taking water from Chewelah Creek or its tributaries shall provide and maintain at his own expense proper diversion works and measuring devices as are required by law."*

Department of Fish and Wildlife Requirement(s)

The intake(s) must 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

Use of water under this authorization will 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.

Schedule and Inspections

Department of Ecology personnel, upon presentation of proper credentials, will 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 there will be no impairment of existing rights.

Therefore, I ORDER approval of the change to Chewelah Creek Adjudicated Surface Water Certificate No. 72, 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 Hearing 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
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel RD SW Ste 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

Signed at Spokane, Washington, this day of 2011.

Keith L. Stoffel
Section Manager
Water Resources Program

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>.

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INVESTIGATOR'S REPORT

WASHINGTON STATE - DEPARTMENT OF ECOLOGY
Water Resources Program - Eastern Regional Office
Water Right Control Number CS3-*45072J
Chewelah Creek Adjudicated Surface Water Certificate No. 72

BACKGROUND

An application for change/transfer was submitted by Paul D. Bennett (Burnt Valley Ranch) of Chewelah, Washington to the Department of Ecology on June 11, 2010. Mr. Bennett proposes to change the point of diversion and place of use as granted under his portion of Chewelah Creek Adjudicated Surface Water Certificate No. 72.

Attributes of the Existing Water Right and Proposed Changes

Change Application Filed: June 11, 2010

Attributes	Existing Water Right	Proposed Changes
Number	Chewelah Creek Adjudicated No. 72	---
Name	J. A. Mitchell	Burnt Valley Ranch
Priority Date	1893 – CLASS 8	---
Instantaneous Quantity	1.00	---
Annual Quantity	Not given	---
Purpose of Use	Irrigation of 60 acres	---
Period of Use	April 15 - Sept. 15	---
Point(s) of Diversion	Chewelah Creek (South Fork) NE $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 22, T. 33 N., R. 41 E.W.M.	Chewelah Creek (South Fork) SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21
Place of Use	See Certificate for legal	S $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 21 & N $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 28 all in T. 33 N., R. 41 E.W.M.

Proposed Sources of Diversion

Source Name	Parcel	Twp	Rng	Sec	QQ Q	Latitude	Longitude
CHEWELAH CREEK (SOUTH FORK)	5603600	33 N.	41 E.	21	SW $\frac{1}{4}$ SE $\frac{1}{4}$	48.33740	117.63478

Datum: WGS84

Existing Sources of Diversion

Source Name	Parcel	Twp	Rng	Sec	QQ Q	Latitude	Longitude
CHEWELAH CREEK (SOUTH FORK)		33 N.	41 E.	22	NE $\frac{1}{4}$ SW $\frac{1}{4}$		
CHEWELAH CREEK (SOUTH FORK)		33 N.	41 E.	22	SW $\frac{1}{4}$ SW $\frac{1}{4}$		

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 the Chewelah Independent during the weeks of September 1 and 8, 2011. A correction to Chewelah Creek Adjudicated No. 72 was also published in the Chewelah Independent during the weeks of October 13 and 20, 2011.

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.

- (a) It is a surface water right application for more than 1 cubic foot 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;
- (b) It is a groundwater right application for more than 2,250 gallons per minute;
- (c) It is an application that, in combination with other water right applications for the same project, collectively exceed the amounts above;
- (d) 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);
- (e) 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 application does not meet any of these conditions, it is categorically exempt from SEPA and a threshold determination is not required.

INVESTIGATION

A field investigation was conducted by Gene Drury on September 28, 2011, with Paul D. Bennett, owner of Burnt Valley Ranch. Burnt Valley Ranch is located in Stevens County approximately 7 miles northeast of Chewelah, WA. It was noted that the project has started and that water has been pumped from the proposed location for the purpose of irrigation.

History of Water Use

There are five water rights recorded on the Burnt Valley Ranch property: Chewelah Creek Adjudicated Surface Water Certificate Nos. 31, 72, 73, 75 and Surface Water Certificate No. 124.

Adjudicated Certificates Nos. 72 and 75 were both issued to J.A. Mitchell on January 10, 1933. Adjudicated Certificate Nos. 31 and 73 were issued to Joseph A. Schnyder on January 10, 1933. These four certificates were all issued based on a Decree of the Superior Court of Stevens County, Washington issued on October

15, 1932 and recorded in Volume 28, Page 308. This Decree determined the rights to all known claimants of the waters of Chewelah Creek, a tributary to the Colville River. The certificates were issued for lands now being irrigated by Mr. Bennett (Burnt Valley Ranch).

Adjudicated Certificate No. 31 authorized diversion from the South Fork of Chewelah Creek in the amount of 0.01 cubic foot per second for continuous stock and domestic use. The recorded point of diversion of this right is within the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M. The recorded place of use is the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M.

Adjudicated Certificate No. 72 authorized diversion from the South Fork of Chewelah Creek at two points in the amount of 1.00 cubic foot per second for the irrigation of 60 acres of land from April 15 to September 15. The recorded points of diversion of this right are within the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 22, T. 33 N., R. 41 E.W.M. The recorded place of use is the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21; NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 27 and N $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 28, ALL IN T. 33 N., R. 41 E.W.M.

Adjudicated Certificate No. 73 authorized diversion from the South Fork of Chewelah Creek in the amount of 0.033 cubic foot per second for the irrigation of 20 acres from April 15 to September 15. An additional 0.033 cfs was authorized for transportation losses. The recorded point of diversion of this right is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M. The recorded place of use is the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M.

Adjudicated Certificate No. 75 authorized diversion from Six Mile Creek and the South Fork of Chewelah Creek in the amount of 0.50 cubic foot per second for the irrigation of 30 acres from April 15 to September 15. The recorded points of diversion of this right are: 1) Six Mile Creek in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 27, T. 33 N., R. 41 E.W.M. and 2) South Fork Chewelah Creek in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 22, T. 33 N., R. 41 E.W.M. The recorded place of use is the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21; NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 27; N $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 28, T. 33 N., R. 41 E.W.M.

Adjudicated Certificate Nos. 72, 73 and 75 each contained the following provision regarding the irrigation season: *"With unusual weather conditions, lands may be irrigated at any time when the water can be beneficially used, provided such use does not interfere with prior rights."*

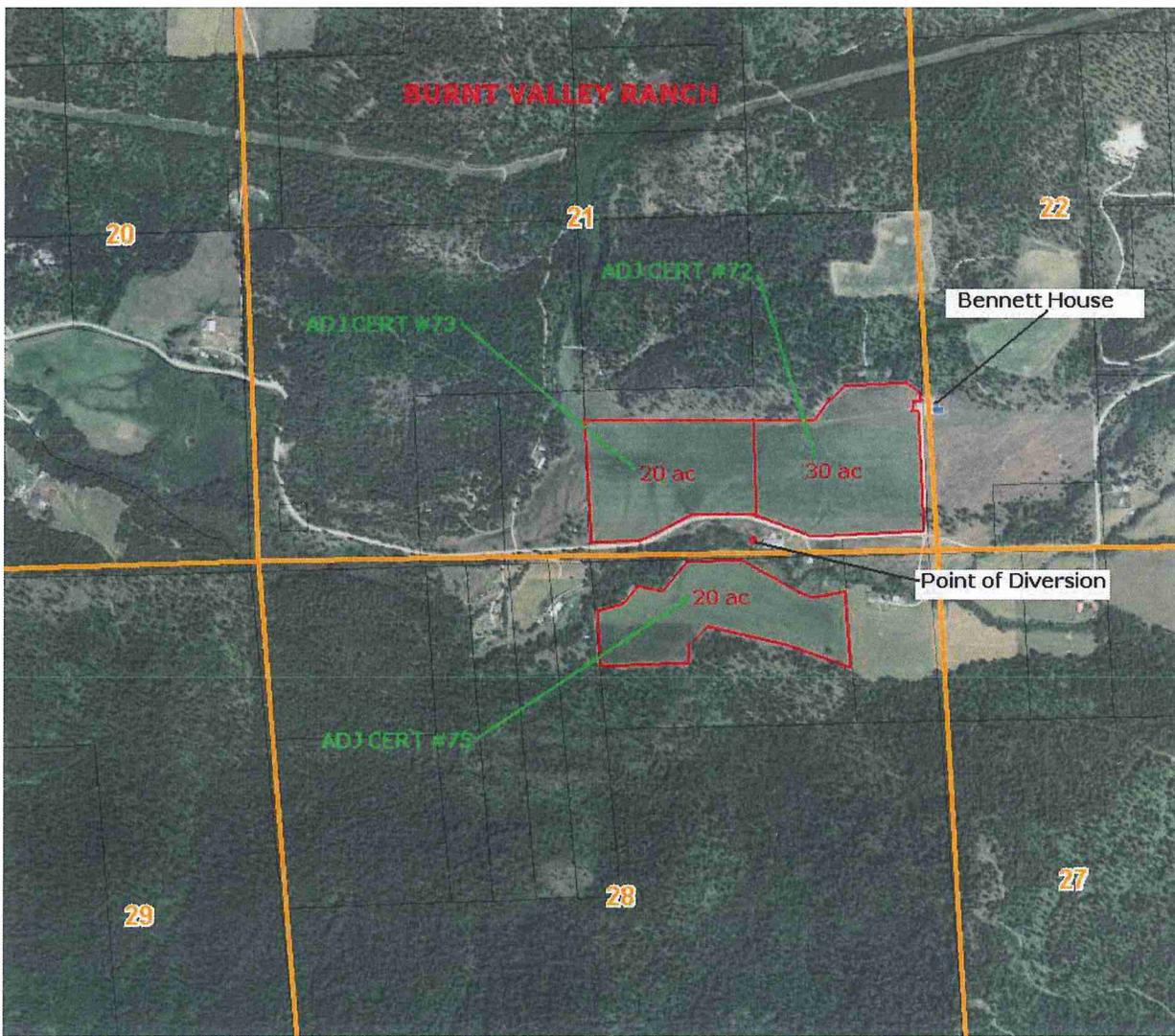
Surface Water Certificate No. 124 was issued to Joseph A. Schnyder prior to the Chewelah Creek Adjudication on June 29, 1926. This right authorized diversion from an unnamed swamp in the amount of 0.10 cubic foot per second for domestic supply and irrigation of 5 acres. The point of diversion and place of use of this right is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M.

Mr. Bennett purchased the Burnt Valley Ranch property in 1978. When purchased, the point of diversion used for irrigation was the current day location from the South Fork Chewelah Creek within the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M. No water is diverted from Six Mile Creek or the Unnamed Swamp. The diversion pump is located near the old dairy barn south of Burnt Valley Road and north of the creek. Mr. Bennett thinks that this has been the diversion for the ranch since the 1940's or 50's but there are no records. A 25-horsepower centrifugal pump (300 gallons per minute) is used to divert water at this location. The diversion is currently not metered however, the Chewelah Creek Adjudication Decree dated October 15, 1932 ordered: *"That any person taking water from Chewelah Creek or its tributaries shall provide and maintain at his own expense proper diversion works and measuring devices as are required by law."* Therefore, a measuring device will need to be installed.

Three wheel lines (28 sprinklers per line) are used to irrigate a total of 70 acres of hay. Only two of the wheel lines can be run at a time. Two lines are in use to irrigate 50 acres north of Burnt Valley Road within the S½SE¼ of Section 21. Another line is used to irrigate 20 acres south of the creek and Burnt Valley Road within the N½NE¼ of Section 28.

Mr. Bennett is proposing to correct the “paper” record by changing the point of diversion on Certificate Nos. 72 and 75 to the historical and current point. He has farmed the land and diverted from this location since he purchased the property, with no periods of non-use. Mr. Bennett irrigates no more than 70 acres of land. A combined 50 acres are irrigated under Adjudicated Certificate Nos. 72 and 73 and 20 acres are irrigated under Adjudicated Certificate No. 75. In addition to the adjudicated certificates, Mr. Bennett filed for a change to Surface Water Certificate No. 124. This right is not used and after discussion with Mr. Bennett it has been determined to be relinquished. A voluntary relinquishment form will be sent to Mr. Bennett for signature.

The map below shows the irrigated areas under each water right and the current point of diversion:



2009 Aerial Photo

Other Rights Appurtenant to the Place of Use

These are the recorded water rights on the Burnt Valley Ranch property and the proposed changes:

Chewelah Creek Adjudicated Certificate No. 31

Recorded Name: Joseph A. Schnyder
Priority Date: Not given (Class 1)
Instantaneous Quantity - Qi: 0.01 cubic foot per second
Purpose of Use: Stock and domestic
Period of Use: Continuous
Source: Chewelah Creek (South Fork)
Proposed change: No change requested

Chewelah Creek Adjudicated Certificate No. 72

Recorded Name: J. A. Mitchell
Priority Date: 1893 (Class 8)
Instantaneous Quantity - Qi: 1 cubic foot per second
Purpose of Use: Irrigation of 60 acres
Period of Use: April 15 – September 15
Source: Chewelah Creek (South Fork)
Proposed change: Change POD, POU

Chewelah Creek Adjudicated Certificate No. 73

Recorded Name: Joseph A. Schnyder
Priority Date: 1893 (Class 8)
Instantaneous Quantity - Qi: 0.033 cubic foot per second
Purpose of Use: Irrigation of 20 acres
Period of Use: April 15 – September 15
Source: Chewelah Creek (South Fork)
Proposed change: No change requested

Chewelah Creek Adjudicated Certificate No. 75

Recorded Name: J. A. Mitchell
Priority Date: 1894 (Class 9)
Instantaneous Quantity - Qi: 0.50 cubic foot per second
Purpose of Use: Irrigation of 30 acres
Period of Use: April 15 – September 15
Source: Six Mile Creek and Chewelah Creek (South Fork)
Proposed change: Change POD

Surface Water Certificate No. 124

Recorded Name: J. A. Mitchell
Priority Date: October 26, 1925
Instantaneous Quantity - Qi: 0.1 cubic foot per second
Purpose of Use: Domestic and Irrigation of 5 acres
Source: Unnamed Swamp
Proposed change: Change POD
NOTE: RELINQUISHED – Not recognized in Adjudication

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) to adversely affect the flow of a surface water course at a time when the flows are at or below instream flow levels established by rule (POL-1200), and/or 4) degrade the quality of the source to the point that water is unsuitable for use by existing water right holders (WAC 173-150). Demonstration of impairment would require evidence of a substantial and lasting or frequent impact reflecting such conditions.

The proposed point of diversion is located downstream from the diversion authorized under the original certificate. No other diversions or significant changes occur in the South Fork Chewelah Creek between the originally authorized point of diversion and the proposed point of diversion. The current diversion has been in use for well over 50 years with no complaints of impairment. No water is authorized to be diverted above what has been historically used, and it is not anticipated that the proposed change/transfer would cause impairment to existing water rights.

Enhancement Considerations

The proposed change will not increase the amount of water diverted from the South Fork Chewelah Creek, nor will it increase or expand the right. No diversion of water over and above what has been historically authorized would be approved through this change. Mr. Bennett has historically irrigated the 70 acres under the three (3) adjudicated certificates (Portions of #72, #73 and #75) with no period of non-use. No annual quantity was assigned to these water rights so an estimate was calculated using the Washington State Irrigation Guide (WA210-VI-WAIG, AMEND.1NOVEMBER1990 at Chewelah, Washington). Mr. Bennett uses wheel lines to irrigate alfalfa/hay. Assuming 70% system efficiency, this would calculate to 34.2 inches or 2.85 acre-feet per acre of irrigation. Therefore, a total of 200 acre-feet (70 acres x 2.85 acre-feet per acre) for the seasonal irrigation of 70 acres will be assigned to Burnt Valley Ranch as the total annual quantity under these three (3) water rights.

For irrigation of the 70 acres, a proportionate share is calculated for the Qi and Qa under the rights proposed for change (Certificates #72 and #75). No changes are necessary to Certificate #73:

BURNT VALLEY RANCH – IRRIGATION RIGHTS AFTER CHANGES

CERTIFICATE	PRIORITY	Qi (cfs)	Qa (af/yr)	ACRES	SEASON
#72	1893	0.50	86	30	April 15- Sept 15*
#73	1893	0.333	57	20	April 15- Sept 15*
#75	1894	0.33	57	20	April 15- Sept 15*
TOTAL	---	1.63	200	70	April 15- Sept 15*

Note: Certificate No. 73 allowed an additional 0.033 cfs for transportation loss

*With unusual weather conditions, lands may be irrigated at any time when the water can be beneficially used, provided such use does not interfere with prior rights

Because the entire 70 acres is not irrigated at one time, each individual certificate listed above will maintain its own separate instantaneous quantity (Qi) to satisfy each water right certificate's number of acres and annual quantity.

Consideration of Protests and Comments

No protests were filed against this application.

Conclusions

There is a water right available for change under Chewelah Creek Adjudicated Certificate No. 72 in the amount of 0.50 cubic foot per second, 86 acre-feet per year, from April 15 to September 15, each year for the seasonal irrigation of 30 acres.

It is the conclusion of this examiner that, in accordance with Chapters 90.03, this application for change (to change the point of diversion and place of use, as granted under Chewelah Creek Adjudicated Certificate No. 72 will not enlarge the quantity of water historically used nor will it impair existing rights provided the recommendations are followed.

RECOMMENDATIONS

Based on the above investigation and conclusions, I recommend that the request for change be authorized, in the amounts and within the limitations listed below and subject to the provisions beginning on Page 2.

Purpose of Use and Authorized Quantities

The amount of water recommended is a maximum limit and the water user may only use that amount of water within the specified limit that is reasonable and beneficial.

- 0.50 cubic foot per second
- 86 acre-feet per year
- 30 acres of irrigation

Purpose of Use and Authorized Quantities

The amount of water recommended is a maximum limit and the water user may only use that amount of water within the specified limit that is reasonable and beneficial:

Point of Diversion:

South Fork of Chewelah Creek within the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 21, T. 33 N., R. 41 E.W.M.

Place of Use:

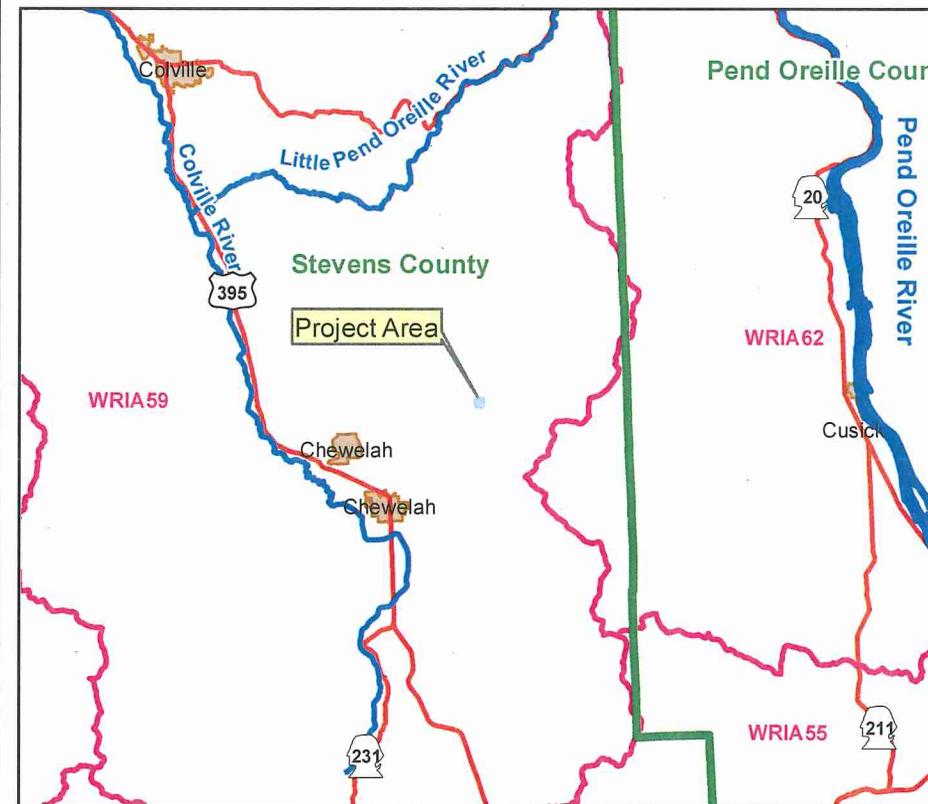
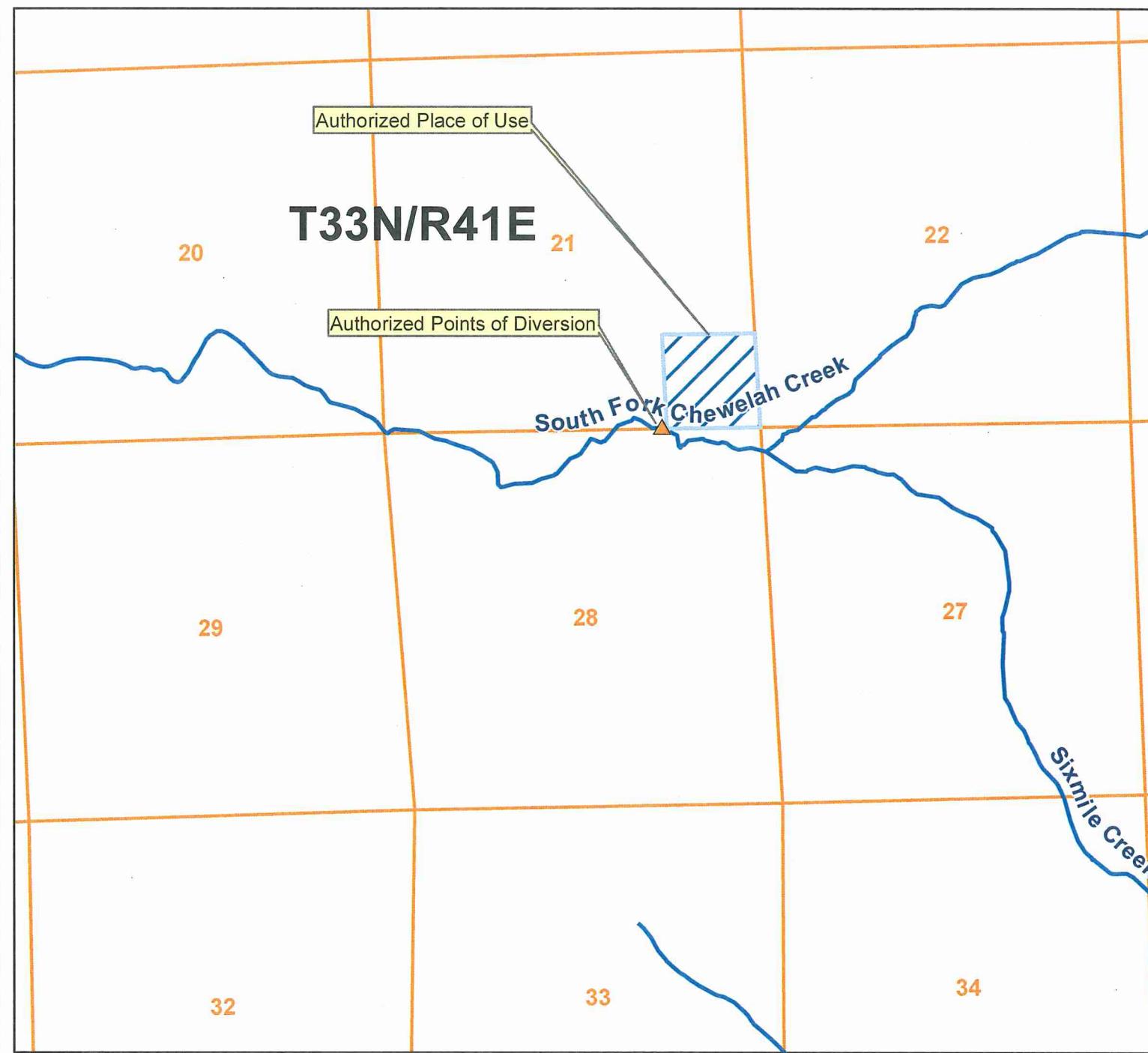
As described on Page 1 of this Report of Examination.

Gene Drury, Report Writer

Date

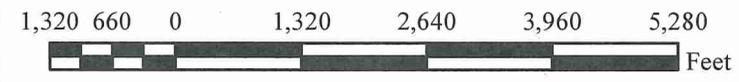
If you need this publication in an alternate format, please call Water Resources Program at (360) 407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

W/Draft ROEs/Drury 2011/72 Burnt Valley



- Legend**
- County
 - WRIA
 - Cities
 - Local Roads
 - Highways
 - Townships
 - Sections
 - Authorized Point of Diversion
 - Authorized Point of Withdrawal
 - Authorized Place of Use

Comments:



Attachment 1