

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit Nos: 75-7374A and B

Exam Date: 8/6/2012

1. Current Owner: First Federal Savings and Loan Association Logan Utah
2. Accompanied by: none
Phone No:
Address:
Relationship to Permit Holder:

3. **SOURCE** Twelve Mile Creek **TRIBUTARY** Salmon River

B. OVERLAP REVIEW

1. Other water rights with the same place of use: *see attachment*
75-7374 priority date: 6/20/1983

75-7374A for 1.3 acres of irrigation from Twelvemile Creek Stephan Evans. *Also is a draft license.*

75-7496 (9/18/1989) for 3 acres of irrigation from an unnamed stream Gary and Robbie Lemarr. They have a domestic well for the house on the property.

75-14598 (3/14/1889) – Hutchings for irrigation from Twelve Mile Creek – 0.05 cfs per acre. 1.3 acres owned by Hutching in the NENW is part of the POU for this water right. The second place of use is on the west side of the highway
75-10037 (7/1/1983) Hutchings for domestic and stock – this appears to be a nominal – the Hutchings own a house on the west side of the highway.

75-10037 (7/1/1983) Marv Hutchings – ground water for stockwater and domestic. The water right identifies the place of use as RP 19N21E010008A. No parcel was found with that identifier.

75-4399A (11/23/1922) and 75-14167 (5/1/11955) Tommy and Sandra Luce Twelve Mile Creek irrigation on their property for 6.7 acres at over an inch per acre

75-11622 (5/11/1971) Lee and Carolyn Roberson from spring for domestic
75-7015 (5/11/1971) Lee and Carolyn Roberson irrigation from Twelve Mile Creek on their property 5 acres at an inch per acre

75-4112 (11/23/1922) Martin Nash Twelvemile Creek irrigation 5 acres at an inch per acre and stockwater on his property

75-10242 (5/1/1969) Kathe Rhodes domestic ground water with ½ acre irrigation (property to the south of Deutchman's)
75-14428 (10/24/1918) Kathe Rhodes irrigation for 4.3 acres at an inch per acre from Twelve Mile Creek
75-7374B Kent Rhodes irrigation of 4.3 acres (GIS acres 30.3) from Twelve Mile Creek. 75-7374B also is a draft license.

75-14148 (10/24/1918) Adam Deutchman Irrigation 7.2 acres from Twelve Mile Creek at an inch per acre. Does not overlap with license place of use.

75-4506B (11/23/1922) Richard Ellis (Ella Deutchman's father – need a change of ownership) irrigation at an inch per acre from Twelve Mile Creek

2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:** none
TWELVEMILE CREEK NE1/4NE1/4 Sec. 1, Twp 19N, Rge 21E, B.M. LEMHI County

2. PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
19N	21E	1		4.3 L 2															4.3

Total Acres: 4.3

Method of Determination:

2.

Method of Determination: GIS Mapping and Visual Inspection3. Y Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.Y Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.Y Aerial Photo Attached (required for irrigation of 10+ acres).Y Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

D. **FLOW MEASUREMENTS**1. I took a measurement in the ditch using a Flowracker to determine velocity. See attached *Cross Sectional Area of Flow Calculator*. The result found 0.2 cfs

In 2004 Bob Foster also measured the "Middle Diversion" from Twelvemile Creek. The attached record shows that he found 0.42 cfs.

Measurement

<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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2. Measurements:

E. **FLOW CALCULATIONS**X Additional Computation Sheets Attached

Measured Method: NA

Water right 75-14428 from Twelvemile Creek shares the point of diversion and place of use with permit 75-7374B. Right 75-14428 was decreed November 17, 2008 for 4.3 acres and 0.09 cfs. Proof of beneficial use was submitted in July 1988, before a house was built on the property. Both rights are appurtenant to the two parcels owned by Kent and Kathe Rhodes.

3.6 acres X 0.03 = 0.108 or 0.11 cfs

This right included a domestic component. During the field exam the Rhodes told Dan Nelson and I that they use their well for domestic purposes. There is no domestic use from Twelvemile Creek. The domestic beneficial use will be removed at licensing.

During the field exam Ella Deutchman took us a point of diversion approximately 1,000 upstream from her house. This point of diversion is also approximately 238 feet upstream from the diversion for right 75-14428.

There are three points of diversion along this reach of Twelvemile Creek. The upper diversion provides water for rights 75-14515, 75-14599, 75-4107A, 75-14169, 75-14597 and 75-14598. The lower diversion provides water for Ella and Adam Deutchman's property under rights 75-14148 and 75-4506B.

In 2004, Bob Foster took a measurement at the Twelvemile Creek Middle Diversion. He found a total rate of 0.42 cfs. According to the measurement I took in August 2012, the flow in the ditch at the Rhodes property was 0.20 cfs. The middle diversion provides water for right 75-7015 for Carolyn Roberson and 75-14428 and 75-7374B. Combined, rights 75-7015 and 75-14428 are allowed 0.19 cfs. Using the measurement taken in September 2012, that leaves 0.01 cfs for right 75-7374B

Recommended Rate 0.01 cfs

Permit 75-7374 included three points of diversion. First Federal submitted proof in July 1988. First Federal assigned 4.27 acres to the Martens in May 1990. The Martens assigned their portion of the permit to the Rhodes in August 1994. A partial decree for this right, issued in October 2008 located the point of diversion in T19N R21E Section 1 Lot 2 (NWNE). Under the permit, the point of diversion is may be correct. However, the partial decree identifies the point of diversion in a different quarter quarter,

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.6 \times 3.5 = 12.6 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .03 \times 214 \times 1.9835 = 12.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 12.7 \text{ AF}$$

*(less than 5 acres)

2. Volume Calculations for Other Uses: NA

G. NARRATIVE/REMARKS/COMMENTS

Have conditions of permit approval been met? X Yes _____ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.01 CFS	

Totals: 0.010 CFS

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION

Field Examiner's Name Sandra Thiel Date 9/1/2017

Reviewer _____ Date _____

System Diagram for Water Right 75-7374B



A point of diversion (shown above as a yellow dot) in T19N R21E Section 1 NENE (Lot 2), supplies irrigation water for 3.6 acres of land. The blue line shows the location of a ditch from Twelvemile Creek. The place of use includes two parcels in Lot 2 (shown above in coral).

Cross Sectional Area of Flow Calculator for Water Flowing in Circular Conduit

READ ME

Was the Diameter or Radius of the Pipe Measured?

☒ Diameter ☐ Radius

Was Sediment Observed & Measured in the Pipe?

☒ Sediment ☐ No Sediment

Converter: Inches --> Feet (Use as Needed)

X = 2.25 inches = 0.19 feet

Input Observed Conditions (Units Must be in Feet)

D = 1.00 feet (radius of pipe)

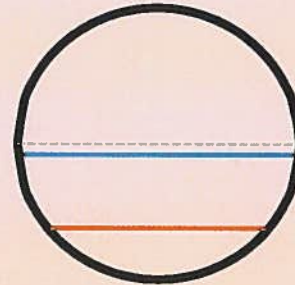
h = 0.46 feet (depth of water)

h' = 0.19 feet (depth of sediment)

Cross Sectional Area of Flow

A_{FLOW} = 0.25 square feet

X-Sectional Flow Area Sketch



— Conduit Wall - - - Horizontal Center Line
— Water Surface — Sediment Surface

Measured at corrugated pipe under the road

12 inch diameter pipe 5 1/5 inches of water above gravel
2 1/4 inches of gravel

Velocity measured with a Flow Tracker
0.79 feet / second

0.25 square feet X 0.79 = 0.1975
or 0.20 cfs

75-7015



From Field Exam
for water right
75-7015

DATE OF EXAM 6/14/1978

ACREAGE
Found 5ac
Recommended 5ac

Irrigation Requirement 3.0 Ac Ft/Ac

USE
Irrigation Q = 10 c.f.s. V = 15 AF/Ann. from April 1 to Nov 1
Domestic Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____

Is water co-mingled? yes _____ no X

Name source: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Exchange? yes _____ no X

Name source exchanged with: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Point of injection: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Point of exchange: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Total Q measured .65 cfs Method of measurement Dept. Current Meter
Total Q recommended .10 cfs Meter No. — Type "Pygmy" Condition good
Total V recommended 15 AF/yr

Recommended Amendments:

None
Place of Use _____
Other _____
None

MEASUREMENT CALCULATION:
See reverse side for pygmy current meter measurement
Q = .65 cfs V = 5ac x 3.0 AF/ac = 15 AF/yr < .10 x 1.9835 x 215 = 42.6 AF/yr

SYSTEM DESCRIPTION:
Surface water is diverted from 12 mile creek into a 1' wide ditch which conveys the water to the place of use. Approx. 5 ac are gravity flood irrigated from the ditch.

REMARKS: System shown & described by renters - the Hewitts.

Examiner's Signature Anthony R. Kozlowski Date 4/12/79
Checked by John D. Carlson Date 4/4/79
Approved by _____ Date _____

MEMORANDUM

TO: Water Right Permit File 75-7374B

FROM: Daniel A. Nelson

DATE: November 18, 2016

SUBJECT: Water Use for Property Associated with Water Right 75-7374B

I accompanied Sandy Thiel on a field visit to verify the water uses for water rights 75-7374A and 75-7374B. During this field visit, we spoke with Mr. And Ms. Rohdes who are the current owner's of the property previously owned by Ken and Eva Martens. Mr. and Ms. Rohdes stated that they were no longer interested in their portion of water right 75-7374B, since they already had water rights that were adjudicated in the Snake River Basin Adjudication that they use to irrigate their property.

Explanation to accompany maps of water rights by lots

75-7374 priority date: 6/20/1983 for irrigation and domestic

The analysis below is intended to show existing water rights in relation to permit 75-7374A. The application submitted by First Federal Savings and Loan Association of Logan indentified 5 acres in lot 3, 10 acres in Lot 2 and 14 acres in Lot 1. I have identified each of the owners within the three lots and the water rights that are appurtenant to their properties. Based upon this analysis I found that many of the land owners have rights from Twelve Mile Creek with priority dates before 1983. Stephen Evans property fits within the original permit map in Lots 1 and 2. He currently has no water rights and does divert from Twelve Mile Creek.

Lot 3

Hutchings

75-10037 (7/1/1983) Hutchings form ground water for domestic and stock nominal for lot 3

75-14598 (3/14/1889) – Hutchings for irrigation from Twelve Mile Creek – 0.05 cfs per acre. 1.3 acres owned by Hutching in the NENW is part of the POU for this water right. The second place of use is on the west side of the highway

Luce

75-4399A (11/23/1922) and 75-14167 (5/1/1955) - Tommy and Sandra Luce Twelve Mile Creek both for irrigation on their property for 6.7 acres at over an inch per acre. According to the Luces they cannot access their water from Twelve Mile Creek

Roberson

75-11622 (5/11/1971) – Lee and Carolyn Roberson from a spring for domestic

75-7015 (5/11/1971) - Lee and Carolyn Roberson irrigation from 12 Mile Creek; 5 acres at an inch per acre

The Roberson's property does not appear to be included on the permit map in the 5 acres for Lot 3

They also have a well for in-house domestic

Lot 2

Rhodes

The Rhodes have 4.3 acres under two parcels. They have the following water rights:

75-10242 (5/1/1969) Kathe Rhodes domestic ground water with ½ acre irrigation

75-14428 (10/24/1918) Kathe Rhodes irrigation for 4.3 acres at an inch per acre from Twelve Mile Creek

75-7374B Kent Rhodes irrigation of 4.3 acres (GIS acres 30.3) from Twelve Mile Creek . 75-7374B also is a draft license.

75-7374B should be relinquished or voided this draft license has a later priority date of 1983 and the property is covered by right the above rights.

Lemar

75-7496 (9/18/1989) for 3 acres of irrigation from an unnamed stream. They have a domestic well for the house on the property. These 3 acres are identified on the original permit.

Phone conversation with Gary Lemarr on June 3, 2016: They do not get water from Twelve Mile Creek. There is a creek that runs on the south side of their property along the base of the hill that supplies irrigation water.

Nash

75-4112 (11/23/1922) Martin Nash Twelvemile Creek irrigation 5 acres at an inch per acre and stockwater on his property.

Deutchman

75-4506B (11/23/1922) Richard Ellis (Ella Deutchman's father) 5 acres of irrigation at an inch per acre, from Twelvemile Creek

75-14148 (10/24/1918) Adam Deutchman Irrigation 7.2 acres from Twelve Mile Creek at an inch per acre.

Lot 1

Stephen G Evans: there is no water right for his property. A portion of his land is identified on the permit for irrigation place of use. His 2.1 acres straddles lots 1 and 2. He diverts from Twelvemile Creek. **His water use is the only right that can be licensed by this permit**

Deutchman

75-14148 (10/24/1918) Adam Deutchman Irrigation 7.2 acres from Twelve Mile Creek at an inch per acre.

FIORI, ANTHONY D

FIORI, ANTHONY D

WILSON, GEORGE R

EVANS, STEPHEN G

NENE 1

DEUTCHMAN, ADAM

Water Right Permit 75-7374A
T19N R21E Section 1 NENE Lot 1

75_14148

Taxlots

QQ

BLM

The USDA-FSA Aerial Photography Field office asks to be credited in derived products.

STEHR, TIMOTHY

STEHR, TIMOTHY

NASH, MARTIN L

75-4112 Nash Irrigation/Stock; 12 mile Cr

75-4506B – Richard Ellis (Ella Deutchman's father) 5 acres of irrigation 12 mile Creek

DEUTCHMAN, ADAM

EVANS, STEPHEN G

HUTCHINGS, MARVIN C

HUTCHINGS, MARVIN C

NWNE 2

HUTCHINGS, MARVIN C

75-7496 Lemarr 3 acres
irrigation unnamed stream
Domestic well

RHODES, KENT T

RHODES, KENT T

75-14148 Deutchman for irrigation; 12 mile Cr

DEUTCHMAN, ADAM

LEMARR, GARY R

LEMARR, GARY M

75-10242 Rhodes domestic ground water ½ acre irrigation
75-14428 Rhodes irrigation 4.3 acres 12 Mile Creek

Water Right Permit 75-7374A
T19N R21E Section 1 NWNE Lot 2

Taxlots

QQ

75-10037 Hutchings domestic
& stock from ground water

DOWTON, SYDNEY M

75-14598 Hutchings
12 mile Irrigation

DOWTON, SYDNEY M

DOWTON, SYDNEY M

Water Right Permit 75-7374A
T19N R21E Section 1 NWNE Lot 3

-  Water_Rights_Lot3
-  Taxlots
-  QQ

TWITO, DON

LUCE, TOMMY F

75-14167 Luce Irrigation
75-4399A both 12 mile

NENW 3

LUCE, TOMMY F

ROBERSON, LEE A

75-11622 Roberson domestic; 12 mile
75-7015 Roberson Irrigation 12 mile

BLM



State of Idaho

SCANNED

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - FAX: (208) 525-7177

EASTERN REGION

AUGUST 30, 1994

CECIL D. ANDRUS
GOVERNOR
R. KEITH HIGGINSON
DIRECTOR

KENT T RHODES
PO BOX 981
SALMON ID 83467

RE: CHANGE IN OWNERSHIP FOR A75-10242 AND -07374B

Dear Mr. Rhodes:

The request for Change in Ownership concerning your Notice(s) of Claim in the above reference has been processed and the Notice(s) modified to reflect you as the new owner.

Enclosed are typed Notices with your name shown as the current owner. Review the forms and if there are other corrections or questions, feel free to contact this office.

If there are no questions or corrections, please keep these Notices for your records.

Respectfully submitted,

Jo Thompson
Secretary, Adjudications

Enclosure: Notice(s) of Claim

MICROFILMED
NOV 18 1996



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

May 31, 1990

Re: Water Right No. 75-7374B

Ken &/or Eva Martens
Star Route Box 18
Salmon, ID 83467

Dear Water Right Holder(s):

We acknowledge receipt of the correspondence transferring ownership of the above referenced water right to you. We have modified our computer records to reflect this change in ownership.

If you have any questions regarding this matter, please feel free to contact us.

Sincerely,

Sharla Curtis

SHARLA CURTIS
Clerical Specialist

SC:js

SCANNED

JUL 10 2003

MICROFILMED

JUN 28 1990