

State of Idaho
Department of Water Resources

Water Right License

Water Right No. 75-7594

Priority: July 17, 1992

Maximum Diversion Rate: 1.32 CFS

It is hereby certified that:

EDWARD REX TOLMAN 41 CORBETT LN SALMON ID 83467

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 17, 1992, and has submitted Proof of Beneficial Use on October 18, 2007. An examination confirms water is diverted from:

Source : SALMON RIVER

Tributary: SNAKE RIVER

Beneficial Use

IRRIGATION

Period of Use

04/01 to 10/31

Rate of Diversion

1.32 CFS

Location of Point(s) of Diversion

SALMON RIVER L1 (SE $\frac{1}{4}$ SE $\frac{1}{4}$), Sec. 12, Twp 20N, Rge 21E, B.M. LEMHI County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				No QQ	Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
20N	21E	1				0.3														0.3
20N	22E	6					16 L4	9.6 L5	31 L6	0.6		8.3 L7								65.5

Total Acres: 65.8

Conditions of Approval

1. The right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications.
2. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
4. Rights 75-7594 and 75-14570 when combined shall not exceed a total diversion rate of 2.08 cfs, a total annual maximum diversion volume of 362 af at the field headgate, and the irrigation of 104 acres.

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 75-7594

5. A fish screen of 1/4 inch or smaller mesh shall be installed and maintained at the point of diversion.
6. The approach velocity at the point of diversion shall not exceed 0.5 feet per second.

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 30th day of May, 20 19.



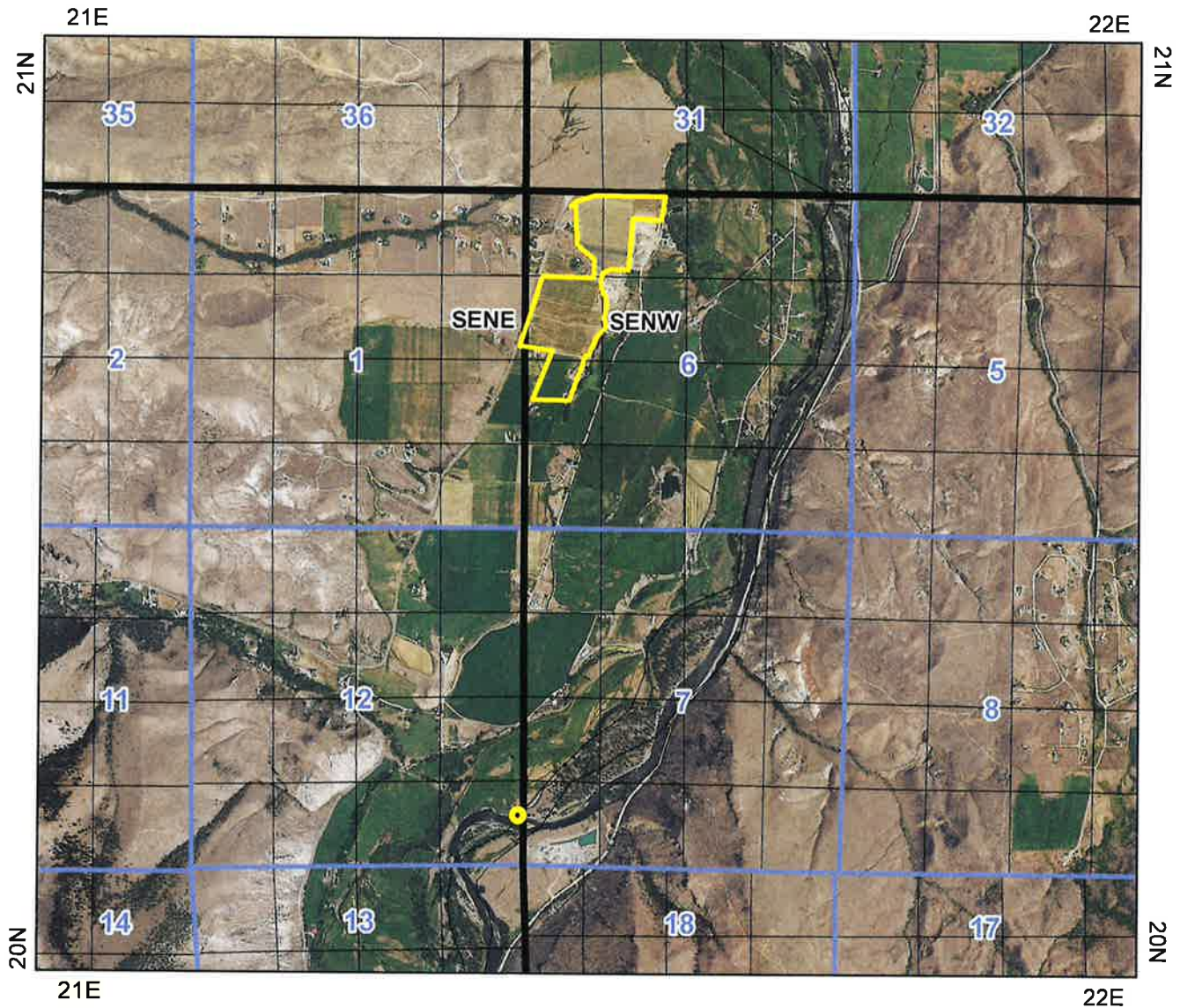
ANGELA GRIMM
Water Rights Section Manager

State of Idaho
Department of Water Resources

Attachment to Water Right License

75-7594

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.325 0.65 1.3 Miles





State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E FRONT ST STE 648 PO BOX 83720 • BOISE, ID 83720-0098

Phone: (208)287-4800 • Fax: (208)287-6700 • Website: www.idwr.idaho.gov

Brad Little
Governor

Gary Spackman
Director

June 03, 2019

EDWARD REX TOLMAN
41 CORBETT LN
SALMON ID 83467

RE: License No. 75-7594

Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district. Also enclosed is a copy of the approved application for amendment.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 287-4951.

Sincerely,

Angela Grimm
Water Rights Section Manager

Enclosure(s)

CERTIFICATE OF SERVICE

I hereby certify that on June 04, 2019, I served a true and correct copy of Water Right License No. 75-7594 by U.S. Mail, postage prepaid, to the following:

EDWARD REX TOLMAN (Current Owner)
41 CORBETT LN
SALMON ID 83467

A handwritten signature in black ink, reading "Darla Block". The signature is written in a cursive style with a large initial "D" and a long horizontal stroke at the end.

Darla Block
Technical Records Specialist 1

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was **not** held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action of the Department of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. **Note: the petition must be received by the department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after: (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) The petition for reconsideration is disposed of; or
- (b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

State of Idaho
Department of Water Resources
Application for Amendment
(For Licensing Purposes)
Water Right No. 75-7594

RECEIVED
MAY 28 2019
DEPARTMENT OF
WATER RESOURCES

Priority: July 17, 1992

Maximum Diversion Rate: 1.32 CFS

The owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 75-7594

EDWARD REX TOLMAN 41 CORBETT LN SALMON ID 83467

requests the permit be changed as follows:

Source: SALMON RIVER

Tributary: SNAKE RIVER

Beneficial Use

IRRIGATION

Period of Use

04/01 to 10/31

Rate of Diversion

1.32 CFS

Location of Point(s) of Diversion

SALMON RIVER L1 (SE¼ SE¼), Sec. 12, Twp 20N, Rge 21E, B.M. LEMHI County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				No QQ	Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
20N	21E	1				0.3														0.3
20N	22E	6					16.0 L4	9.6 L5	31.0 L6	0.6		8.3 L7								65.5

Total Acres: 65.8

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed this 23 day of May, 2019.

Edward Rex Tolman
(Signature)

State of Idaho
Department of Water Resources
Application for Amendment
(For Licensing Purposes)
Water Right No. 75-7594

FOR DEPARTMENT USE ONLY

Preliminary check by DN Fee = \$100 Receipted by HP # C097574 Date 8/5/2013

ACTION OF THE DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources hereby approves the above Application for Amendment for Permit No. 75-7594 with the following:

Conditions of Approval

1. The right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications.
2. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
4. Rights 75-7594 and 75-14570 when combined shall not exceed a total diversion rate of 2.08 cfs, a total annual maximum diversion volume of 362 af at the field headgate, and the irrigation of 104 acres.
5. A fish screen of 1/4 inch or smaller mesh shall be installed and maintained at the point of diversion.
6. The approach velocity at the point of diversion shall not exceed 0.5 feet per second.

This amendment is issued pursuant to the provisions of Idaho Code § 42-211.

Signed this 30th day of MAY, 20 19.



ANGELA GRIMM

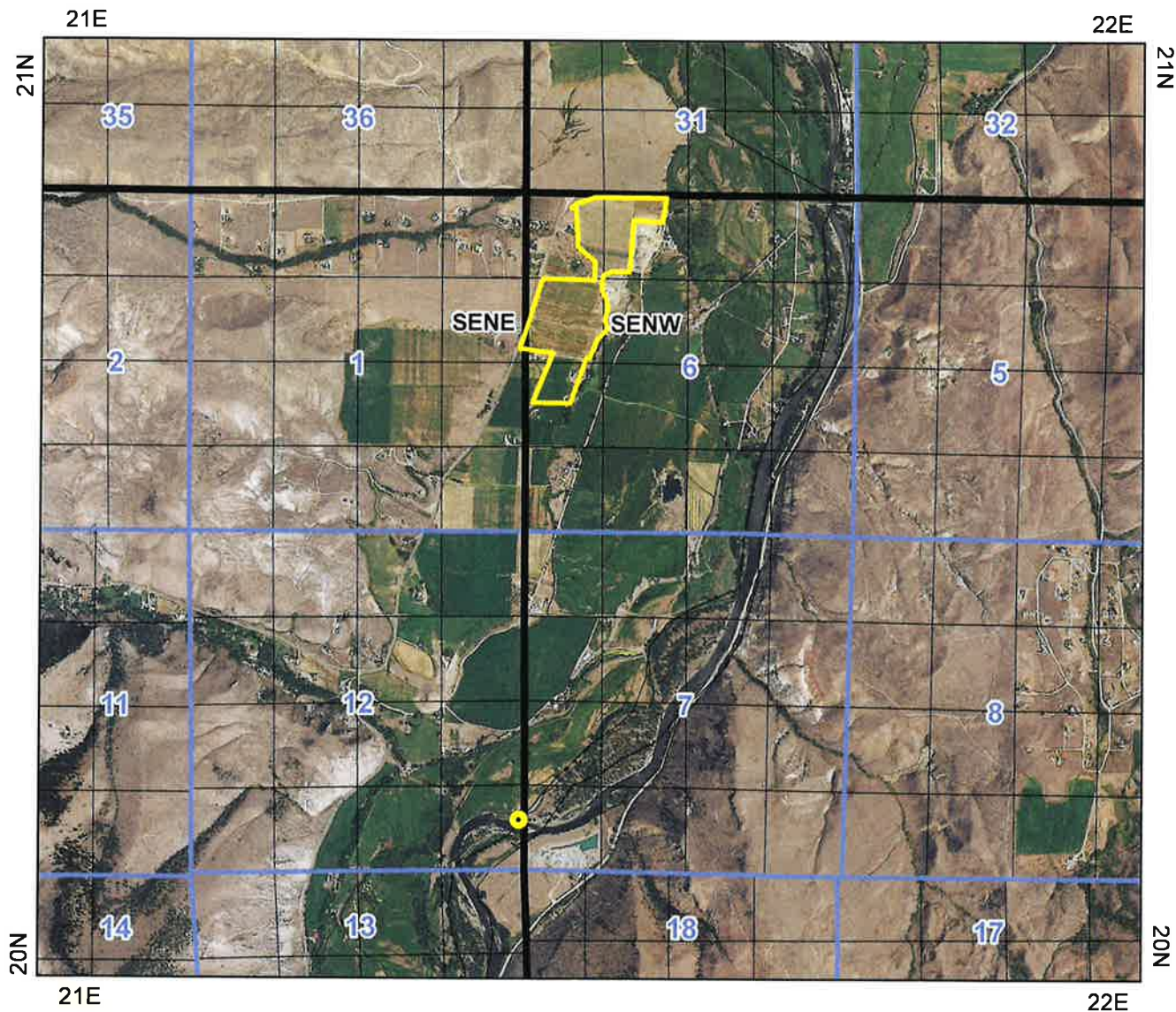
Water Rights Section Manager

State of Idaho
Department of Water Resources

Attachment for Application to Amend a Permit

75-7594

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.325 0.65 1.3 Miles



MEMORANDUM

TO: Water Right Permit File 75-7594

FROM: Daniel A. Nelson

DATE: May 30, 2019

SUBJECT: Withdrawal of Amendment

On August 5, 2020, the Department received an amendment of permit that incorrectly described the point of diversion for permit 75-7594.

On May 6, 2019, the Department sent a revised amendment to the permit holder. The letter stated that by signing to amended amendment, the permit holder would withdraw and replace the 2013 amendment with the revised amendment.

On May 28, 2019, the Department received the signed revised amendment with the correct legal description for the point of diversion. Therefore, the 2013 amendment has been withdrawn and replaced with the revised 2019 amendment. The 2013 amendment has been marked as withdrawn, and is attached to this memorandum.

RECEIVED

AUG 05 2013

Page 1

DEPARTMENT OF
WATER RESOURCESState of Idaho
Department of Water Resources**WITHDRAWN****APPLICATION FOR AMENDMENT**

(For Licensing Purposes)

WATER RIGHT NO. 75-07594**Date of Priority:** July 17, 1992**Maximum Diversion Rate:** 1.30 CFS**Maximum Diversion Volume:**Comes now EDWARD REX TOLMAN
41 CORBETT LN
SALMON ID 83467and represents to the Director of the Idaho Department
of Water Resources that he is the owner and holder of Permit to Appropriate the Public Waters of the
State of Idaho No. 75-07594, and requests that the permit be changed as follows:**Source:** SALMON RIVER**Tributary:** SNAKE RIVER**BENEFICIAL USE****PERIOD OF USE****RATE OF DIVERSION****ANNUAL VOLUME**

IRRIGATION

04/01 to 10/31

1.30 CFS

LOCATION OF POINT(S) OF DIVERSION:

SALMON RIVER NW1/4NE1/4 Sec. 7, Twp 20N, Rge 22E, B.M. LEMHI County

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	
20N 21E 1				.3													.3
20N 22E 6					16.0	9.6	31.0	.6	8.3								65.5
					L 4	L 5	L 6		L 7								

Total Acres: 65.8

Permit holder asserts that no one will be injured by such change and that such change will be made at
permit holder's own risk. Signed this 1 day of August, 2013

(Signature)

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 75-07594

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = _____ Received by _____ # _____ Date _____

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, GARY SPACKMAN, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 75-07594 with the following:

CONDITIONS OF APPROVAL

1. Prior to the diversion and use of water under this right, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to employ an alternative method to determine and record the amount of water diverted.
2. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
4. Rights 75-7594 and 75-14570 when combined shall not exceed a total diversion rate of 2.07 cfs, a total annual maximum diversion volume of 362.2 af at the field headgate, and the irrigation of 103.5 acres.

Witness my hand this _____ day of _____, 2013.

GARY SPACKMAN
Director



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

May 21, 2019

GARY SPACKMAN
Director

EDWARD REX TOLMAN
41 CORBETT LN
SALMON ID 83467

RE: Amendment of Permit for Water Right 75-7594

Dear Mr. Tolman:

The Department of Water Resources sent you an Application for Amendment on May 6, 2019, for the above referenced Permit. The amendment is required because the amendment that you signed and submitted to the Department on March 25, 2013, incorrectly identified the location of the point of diversion or the location where water is diverted from the Salmon River. This permit is to correct legal description for the point of diversion.

If I do not receive the amendment within fourteen (14) days or by June 4, 2019, I will assume you are no longer interested in diverting water under this permit from the Salmon River through the Fife Ditch. **There is no fee associated with this amendment and by signing this amendment you are agreeing to withdraw the original amendment sent to you on March 25, 2013 and replacing it with this amendment.**

I must warn you that if you do not return this form I will need to move forward with voiding this permit, and there will be no legal authorization allowing you to divert water from the Salmon River under this permit. In case the amendment form I sent you has been misplaced, a new one is enclosed.

If you have any questions, please contact me as soon as possible.

Sincerely,

Daniel Nelson
Staff Hydrologist
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

Enclosures – Amendment Form and Map



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 6, 2019

EDWARD REX TOLMAN
41 CORBETT LN
SALMON ID 83467

RE: Water Right Permit No. 75-7594

Dear Permit Holder:

The Idaho Department of Water Resources (Department) is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit.

On March 25, 2013, the Department sent you an amendment of permit to correct the point of diversion. After further review and discussions with the watermaster of Water District 170, it was determined that the point of diversion was still incorrectly described in the 2013 amendment. The correct legal description for this permit is in Government Lot 1 (SESE) of Section 12, Township 20 North, Range 21 East. The reason for this confusion is that there are multiple legal descriptions for the point of diversion for the Fife Ditch. The Watermaster has been to this area, and was able to clarify the actual point of diversion location.

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when issued. Please review the amendment form carefully. If you concur with the information presented, please sign and return the form within 14 days. There is no fee to make this change, since you already paid the fee for the 2013 amendment. **By signing this amendment, we consider the 2013 amendment withdrawn and replaced by this amendment.**

If you have any questions, please don't hesitate to contact me.

Sincerely,

Daniel A. Nelson

Analyst 3

Water Right Section

Idaho Department of Water Resources

Telephone # (208) 287-4856

Email – dan.nelson@idwr.idaho.gov

Enclosure(s): Application for Amendment with maps

MEMORANDUM

TO: Water Right Permit File 75-7594

FROM: Daniel A. Nelson

DATE: April 8, 2019

SUBJECT: Additional Review for Water Right Licensing for Permit 75-7594

I have been asked to provide additional information concerning my licensing review of permit 75-7594. This field exam report and draft amendment was reviewed, and I was only asked to address two questions to address the issues found to be incorrect. I did not review the entire file. When this was resubmitted, additional questions were discovered, and I will try to address those questions with this memo.

The field examiner recommended a diversion rate of 1.32 cfs in the measurement portion of the field report, and then recommended 1.30 cfs in the recommendation portion of the field report. The correct diversion rate should be 1.32 cfs.

In the point of diversion overlap table I created in my February 27, 2019 memo, I included water right 75-4500. Water right 75-4500 was decreed in the Snake River Basin Adjudication with two points of diversion. The first point of diversion is wastewater in Lot 3 (NWNE) of Section 6, Township 20 North, Range 22 East. The second point of diversion on the decree is in the Lot 5 (SWSE) Section 12, Township 20 North Range 21 East. There is no Government Lot 5 in Section 12, Township 20 North Range 21 East. There is also no point of diversion in ArcMap for water right 75-4500. I reviewed the water right file and found that 75-4500 is actually diverted from the Salmon River through the Fife Ditch. When I spoke with the watermaster for Water District 170, Cindy Yenter, she confirmed that the water diverted from the Salmon River for water right 75-4500 was diverted through the Fife Ditch. Therefore, the overlap table is correct.

The second issue was the water right 75-14570. Water right 75-14570 is an irrigation right from Perreau Creek for the same acres. Water Right 75-14570 authorizes 103.5 acres of irrigation, but this permit only authorizes the irrigation of 65.8 acres within the 103.5 acres also irrigated by water right 75-14570. Since these two rights irrigate the same acres, a combined condition is needed to limit the total water diverted to the 103.5 acres. The total diversion rate diverted to these acres should be limited to 0.02 cfs per acre or 2.08 cfs, the headgate requirement of 3.5 af per acre or 362.25 af and 103.5 total acres when combined. The volume and acres in this condition should be adjusted to meet the current significant figure guidance to 362 af and 104 acres.

The last issue was that I missed including water right 75-14327 on this overlapping point of diversion list. This water right adds an additional 0.12 cfs, which doesn't affect the final analysis of the amount of water diverted through the ditch. Please see the updated spreadsheet attached to this memorandum.

Permit 75-7594

Authoirized flow at point of diversion

Right Number	CFS
75-4500	11.42
75-14207	0.364
75-4078Q	0.12
75-14856	0.15
75-4078E	0.1
75-4078B	0.14
75-14794	0.09
75-14326	0.1
75-4078S	0.107
75-4078J	0.1
75-14324	0.06
75-4078N	0.1
75-14857	0.38
75-4078G	0.22
75-14323	0.63
75-14327	0.12
75-14328	0.16
75-4078L	0.12
75-4078C	0.098
75-14325	0.1
75-14208	0.216
75-4078X	0.32
Permit 75-7594	1.3
TOTAL	16.515

MEMORANDUM

TO: Water Right Permit File 75-7594

FROM: Daniel A. Nelson

DATE: February 27, 2019

SUBJECT: Review of Water Right Licensing for Permit 75-7594

This permit was field examined by Department staff. This permit is for an irrigation right of approximately 65.8 acres of ground. A licensing amendment was sent to the permit holder that corrected the legal description for the permit holder. After the amendment was returned, it was discovered that the legal description for the point of diversion was also incorrect. A second amendment was prepared, but has not been sent. There were two questions that were asked of the reviewing agent that did not get answered. This is an issue that has been ongoing since 2013, so I have been asked to complete the file and prepare it for licensing.

The first question with this file will be to send a new licensing amendment and the proper way to dispose of the existing amendment. The new amendment will need to have a cover letter that states that there will be no charge for the amendment, and by signing the new amendment, the permit holder agrees to withdraw the first amendment submitted in 2013. There should be no charge for the second amendment, since it will be a correction of the first amendment. This should have been done as soon as it was discovered, so I feel we have an obligation to correct the amendment without charging a second fee even though it is 6 years later.

The second question deals with a concern about whether or not the Fife Ditch has the capacity to carry enough water to supply all of the rights diverted through it and this permit. This is the reason that this file has been held, because there has been an ongoing request to the watermaster in this area to provide a measurement that confirms the ditch capacity. The watermaster has not provided this information, because she hasn't been able to reach the site during the spring due to muddy conditions.

I discovered that the Fife Ditch has a fish screen that is covered by water right 75-10983. This fish screen is some distance downstream of the diversion, but all of the water diverted into the ditch from the Salmon River would go through the fish screen. My calculations show that the channel upstream of the fish screen has a capacity of between 19.63 cfs and 29.96 cfs. The 4 ft culvert that is used to divert the water from the Salmon River has the capacity to divert 69.41 cfs if it is completely full, but I doubt that this happens. A diversion rate of 19.63 cfs seems reasonable for this type of diversion. Please see my calculations in the attachments.

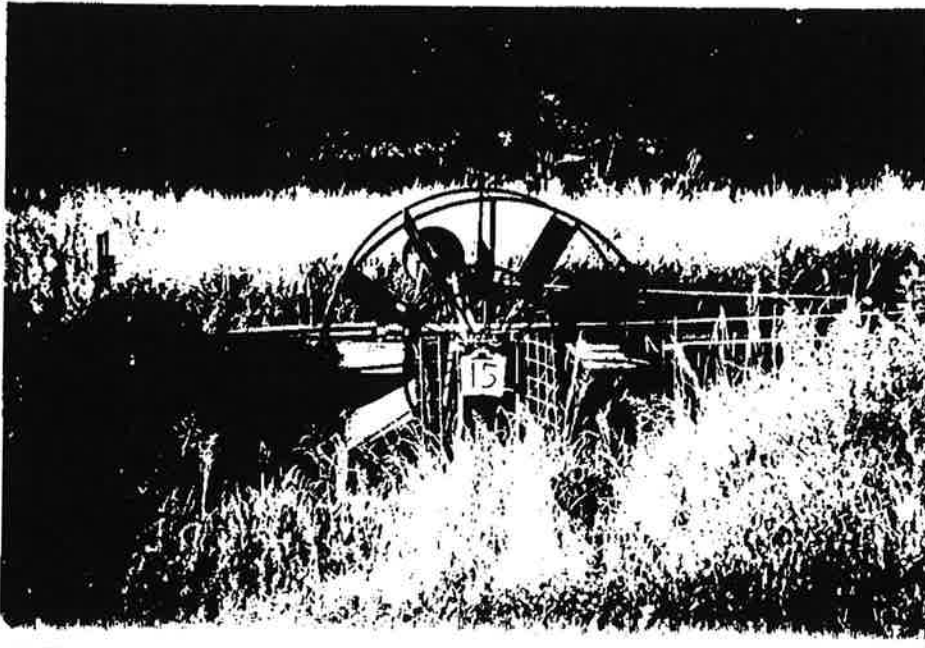
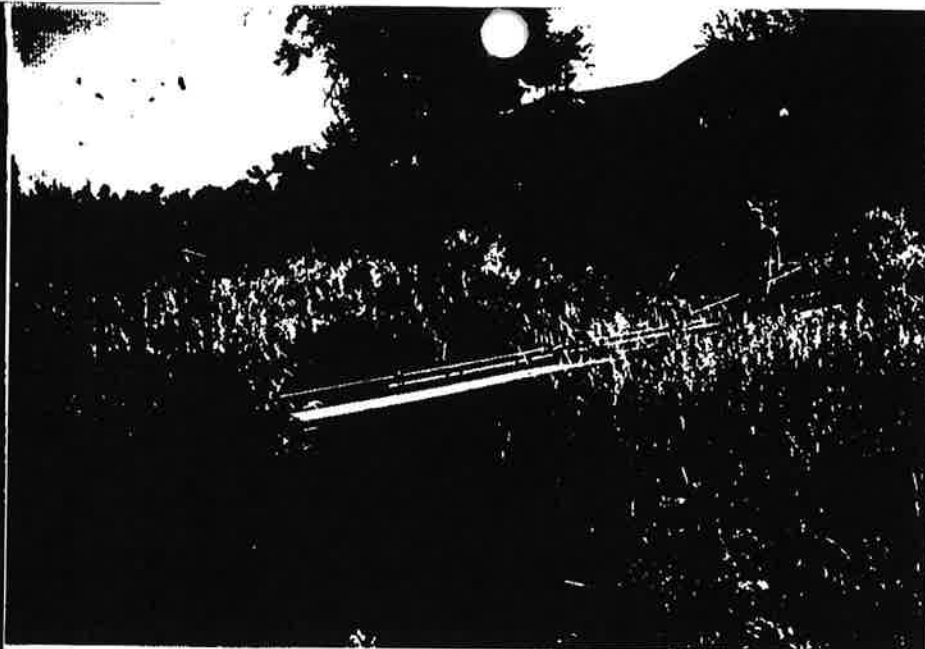
There is water that flows out of Gattung Slough and Williams Creek through a pond upstream of the fish screen. The water flowing out of Gattung Slough was measured at approximately 3.47 cfs in a field examination for water right 75-7588. There is some residual water from Williams Creek that is also included in this ditch, but the majority of Williams Creek water is diverted prior to reaching the pond. Most of Williams Creek water flows into the Rainbow Ditch and the Gattung slough above the point where the 3.47 cfs was measured. The water diverted through the pond for 75-7588 is not supposed to be diverted into the Fife Ditch, but it does appear from the maps that it could possibly enter the ditch. The watermaster stated that the discharge from the pond was designed, so no water from the pond entered the Fife Ditch. The pond has fish ladders that allow any anadromous salmon the ability swim up Williams Creek to spawn, which confirms the information given by the watermaster.

The total water rights diverted through this ditch from the Salmon River including this permit comes to a total diversion rate of 16.40 cfs. At a minimum ditch capacity of 19.63 cfs, this would still leave an additional 3.23 cfs space in the ditch. As stated above, I used the minimum ditch capacity measurements from water right 75-10983, which from my measurements on the aerial photos seem very minimal. I believe that this ditch not only has enough capacity to deliver all of the Salmon River water, but could also deliver all of the Gattung Slough and Williams Creek water that is located in this area.

Permit 75-7594 – Slope Calculations

This is the slope calculation from Google Earth for the Mannings Equation. The back file in water right 75-10983 states the approach channel to the fish screen is 2 feet by 6 feet. I measured the channel on Google Earth, and found that it was closer to 15 feet wide, but I used the 2 feet by 6 feet information in the file. I also found in water right 75-4500 that the headgate was a 4 ft. culvert, so I did a maximum flow rate through the culvert. Based on Google Earth, there a 3 foot elevation difference over a line 379 feet of channel. Depending on the channel type, the attached Mannings Calculations determine that this channel has a capacity of 19.63 cfs to 29.96 cfs depending on the channel type. I also found in water right 75-4500 that the headgate was a 4 ft. culvert, so I did a maximum flow rate through the culvert, at the same slope and found that the maximum capacity at the headgate is 69.41 cfs. The attached spreadsheet shows that there is approximately 16.40 cfs that is authorized to divert from this point of diversion. Therefore, there should be more than enough capacity of the system for permit 75-7594. I also spoke with Cindy Yenter who has been at the site, and she confirmed that the Fife Ditch could easily handle the 16.40 cfs authorized by the water rights. Please note that Ms. Yenter did not actually measure the channel, but this is her rough estimation of the ditch capacity.





Bin 1964

SCREEN 1 5 15

APPROACHMENT DITCH SIZE 2' x 6'

USE *Yes*

TYPE OF SCREEN *Wiper, Water Wheel*

SIZE OF SCREEN 3' x 32'

MODIFIED *Yes*

STRUCTURE *Pool*

CATWALKS *Pool*

HANDRAILS *None*

BYPASS SIZE 6"

HOW REDUCED 4"

APPROX. LENGTH 35 yds

TRASH RACK *Pool*

CONDITION OF ROAD

CONDITION OF GATES

ADDITIONAL COMMENTS

SCHEDULED REPLACEMENT

A75-10983

MICROFILMED
DEC 15 1992

Manning's Equation Calculator for Flow Rate in Any Open Channel

S = 0.0079 ft/ft

n = 0.060 manning's coefficient

A = 8.25 area (ft²)

WP = 7.39 wetted perimeter (ft)

R = 1.12 hydraulic radius (ft)

Q = 19.63 flow rate (CFS)

READ ME

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Channel Slope

Slope Options

☐ Manual Entry ☒ Slope Calculator

Slope Calculator

Rise = 3 feet

Run = 379 feet

Slope, S = 0.0079 ft/ft

Channel Material, (n):  natural channel, very poor condition

(1)

(2)

(3)

**Wetted Perimeter and X-Sectional Flow Calculator for
Flow Rate in a Circular, Rectangular, V-Notch, or Trapezoidal Open Channel**

READ ME

Select Channel Type from Pull Down Menu

Circular ▼

Input Parameters

Depth = 2.00 feet (depth of the flow of water)

Radius = 3.00 feet (radius of circular channel)

Input Parameter 3 = Not Used

Input Parameter 4 = Not Used

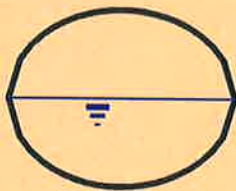
Cross Sectional Area of Flow

A = 8.25 square feet

Wetted Perimeter

WP = 7.39 feet

Channel Type Sketch



Manning's Equation Calculator for Flow Rate in Any Open Channel

READ ME

S = 0.0079 ft/ft

n = 0.060 manning's coefficient

A = 12.00 area (ft²)

WP = 10.00 wetted perimeter (ft)

R = 1.20 hydraulic radius (ft)

Q = 29.96 flow rate (CFS)

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Channel Slope

Slope Options

☐ Manual Entry ☒ Slope Calculator

Slope Calculator

Rise = 3 feet

Run = 379 feet

Slope, S = 0.0079 ft/ft

Channel Material, (n):

natural channel, very poor condition

(1)

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**Wetted Perimeter and X-Sectional Flow Calculator for
Flow Rate in a Circular, Rectangular, V-Notch, or Trapezoidal Open Channel**

READ ME

Select Channel Type from Pull Down Menu

Rectangular

Input Parameters

Depth = 2.00 feet (depth of the flow of water)

Bottom Width = 6.00 feet (width of rectangular channel)

Input Parameter 3 = Not Used

Input Parameter 4 = Not Used

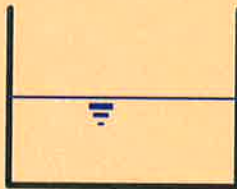
Cross Sectional Area of Flow

A = 12.00 square feet

Wetted Perimeter

WP = 10.00 feet

Channel Type Sketch



IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576
Ident. Number A75-04500
Date Received 4/16/90
Receipt Number 6013333

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

APR 15 1990
Department of Water Resources
Eastern District Office

Please type or print clearly

1. Name of Claimant (s) Del Monte Life Trust
Hydro Life Enterprises Phone (801) 1181-9860
Mailing Address 3384 Larchmont Dr. Salt Lake City Zip 84109
Utah
2. Date of Priority (Only one (1) per claim) August 1892
3. Source of water supply (a) Salmon River & Springs & Drainage
which is tributary to (b) Salmon River via Columbia
4. a. Location of existing point of diversion is: Township 20N Range 2E Section 12 Drainage
NE 1/4 of SE 1/4 of SE 1/4, Govt. Lot, B.M., County of Lemhi
Additional points of diversion if any: (Springs, drainage & water) Rediversion (see map)
West 1/2 of NE 1/4 of Sec 6 - T. 20N - R. 2E
b. If instream flow, beginning point of claimed instream flow is:
Township _____ Range _____ Section _____ 1/4 of _____ 1/4 of _____
Govt. Lot _____ B.M., County of _____
ending point is: Township _____ Range _____ Section _____ 1/4 of _____
_____ 1/4, Govt. Lot _____ B.M., County of _____

A7504500



5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc), including the dates of any changes or enlargements in use, the dimensions of the diversion works as constructed and as enlarged and the depth of each well.

Initial Diversion in Sec. 12 - noted. Is by 4' pipe
Drainage from Sec 6 from place on to Sec 31 into SE 1/4 of SE 1/4
and on to SW 1/4 of the SE 1/4 by current under road
to point of rediversion.

MICROFILMED

DEC 15 1987

Manning's Equation Calculator for Flow Rate in Any Open Channel

S = 0.0079 ft/ft

n = 0.024 manning's coefficient

A = 12.57 area (ft²)

WP = 12.57 wetted perimeter (ft)

R = 1.00 hydraulic radius (ft)

Q = 69.41 flow rate (CFS)

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Channel Slope

Slope Options

☐ Manual Entry

☒ Slope Calculator

Slope Calculator

Rise = 3 feet

Run = 379 feet

Slope, S = 0.0079 ft/ft

Channel Material, (n):
corrugated metal pipe (CMP)

(1)

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**Wetted Perimeter and X-Sectional Flow Calculator for
Flow Rate in a Circular, Rectangular, V-Notch, or Trapezoidal Open Channel**

READ ME

Select Channel Type from Pull Down Menu

Circular

Input Parameters

Depth = 4.00 feet (depth of the flow of water)

Radius = 2.00 feet (radius of circular channel)

Input Parameter 3 = Not Used

Input Parameter 4 = Not Used

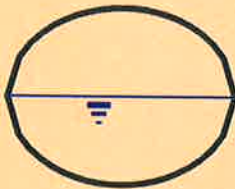
Cross Sectional Area of Flow

A = 12.57 square feet

Wetted Perimeter

WP = 12.57 feet

Channel Type Sketch



Permit 75-7594

Authorized flow at point of diversion

Right Number	CFS
75-4500	11.42
75-14207	0.364
75-4078Q	0.12
75-14856	0.15
75-4078E	0.1
75-4078B	0.14
75-14794	0.09
75-14326	0.1
75-4078S	0.107
75-4078J	0.1
75-14324	0.06
75-4078N	0.1
75-14857	0.38
75-4078G	0.22
75-14323	0.63
75-14328	0.16
75-4078L	0.12
75-4078C	0.098
75-14325	0.1
75-14208	0.216
75-4078X	0.32
Permit 75-7594	1.3
TOTAL	16.395