

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 15-7332

Priority: November 22, 2009

Maximum Diversion Rate: 0.37 CFS

Maximum Diversion Volume: 64.8 AF

It is hereby certified that:

OLIN HANNUM
6502 S OLD HIGHWAY 191
MALAD CITY ID 83252-6523

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 24, 2009, and has submitted Proof of Beneficial Use on February 27, 2017. An examination confirms water is diverted from:

Source : GROUND WATER

Beneficial Use

IRRIGATION

Period of Use

04/01 to 10/31

Rate of Diversion

0.37 CFS

Annual Volume

64.8 AF

Location of Point(s) of Diversion

GROUND WATER SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, Twp 15S, Rge 36E, B.M. ONEIDA County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15S	36E	27			4.5	14.0													18.5

Total Acres: 18.5

Conditions of Approval

1. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to use power records to determine the amount of water diverted and shall annually report the information to the Department.
2. 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.

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 24th day of April, 2023.



JAMES CEFALO
Eastern Regional Manager

SCANNED
APR 25 2023

Water Right

15-7332

April 24, 2023



0 0.05 0.1 0.2 Miles

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

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Eastern Region • 900 N Skyline Drive, Suite A • Idaho Falls, ID 83402-1718

Phone: 208-525-7161 • Fax: 208-525-7177 • Email: easterninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

April 24, 2023

OLIN HANNUM
6502 S OLD HIGHWAY 191
MALAD CITY ID 83252-6523

RE: License No. 15-7332

ISSUANCE OF LICENSE

Dear Water Right Holder:

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.

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. 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) 497-3784.

Sincerely,

James Cefalo
Eastern Regional Manager

Enclosure(s)

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APR 25 2023

CERTIFICATE OF SERVICE

I hereby certify that on April 24, 2023, I served a true and correct copy of Water Right License No. 15-7332 by U.S. Mail, postage prepaid, to the following:

OLIN HANNUM
6502 S OLD HIGHWAY 191
MALAD CITY ID 83252-6523

LEWISTON STATE BANK
17 EAST CENTER
PO BOX 32
LEWISTON UT 84320



Christina Henman
Administrative Asst. I

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
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7332
Exam Date: 6/9/2022

1. Current Owner:
OLIN HANNUM 6502 S OLD HIGHWAY 191 MALAD CITY ID 83252-6523
2. Accompanied by: Olin Hannum
Phone No: 801 510 0125

3. **SOURCE:**
GROUND WATER

Method of Determination: _____ visual confirmation of extraction well

B. OVERLAP REVIEW

1. Other water rights with the same place of use: No Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER SE¼ SE¼ NE¼, Sec. 27, Twp 15S, Rge 36E, B.M. ONEIDA County

Method of Determination: GPS and Arcmap aerial photography

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15S	36E	27			4.5	14.0													18.5

Total Acres: 18.5

Method of Determination: ArcMap arial photography

3. Delivery System Diagram Attached (required). Indicate all major components and distances between components.
_____ Indicate weir size/pipe as applicable.

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- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- X Aerial Photo Attached (required for irrigation of 10+ acres).
- X Photo of Diversion and System Attached

4. WELL INFORMATION

25 HP submersed pump in well with metal tag no. D0062898

D. FLOW MEASUREMENTS

No suitable location for a direct measurement was available so a theoretical measurement was performed as described below.

E. FLOW CALCULATIONS

 X Additional Computation Sheets Attached

The submersed pump had a horsepower of 25. The well driller report stated that the static water level was 52' and noted no drawdown. A PSI of 60 was observed during the field examination. The well is therefore theoretically capable of pumping 362.6 gpm, or 0.81 cfs according to the attached worksheet.

The right will be limited to 0.37 cfs, or 18.5 acres irrigated * 0.02 cfs/acre.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 18.5 \text{ acres} \times 3.5 \text{ AF/acre} = 64.8 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.37 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 157.0 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 64.8$$

2. Volume Calculations for Other Uses:

NA

G. NARRATIVE/REMARKS/COMMENTS

One pump to a handline and a wheel line. Well also used for domestic purposes.

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Have conditions of permit approval been met? ☒ Yes ☐ No

No exposed section of straight pipe was available for a measurement.

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	0.37 CFS	64.8 AF

Totals: 0.37 CFS 64.8 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

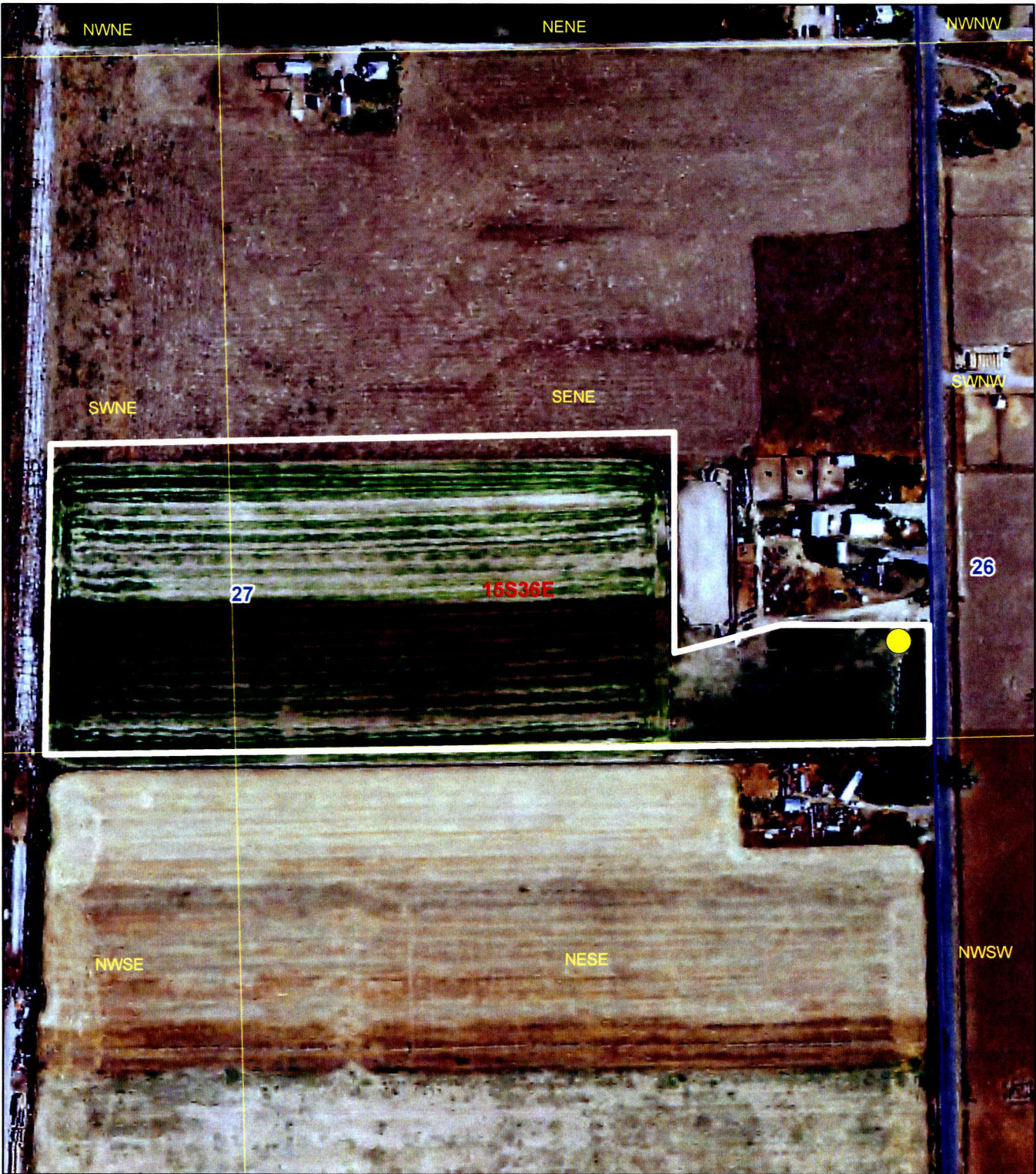
I. AUTHENTICATION Cooper Fritz -

Field Examiner's Name Cooper Fritz Date 4/10/2023
Reviewer James Cefalo Date 4/21/23

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APR 25 2023

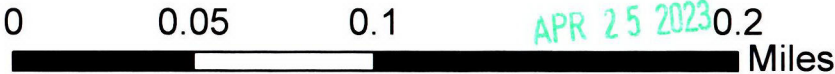
15-7332 Place of Use and Point of Diversion at Licensing



2013 Imagery

Legend

- Water Right POD
- Water Right POU
- Township/Range
- Sections
- QQ



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THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 15-7332
Examiner: Cooper
Date of Field Exam: 6/9/2022

Option 1

P/D No.:

PUMP HORSEPOWER	25
BOOSTER HORSEPOWER	0
PUMPING LEVEL	52
DISCHARGE PRESSURE	60
FRICTION	0
RATE OF FLOW (cfs)	0.81
(gpm)	362.6

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.

Examiners Notes:

Lift was taken from well log. Hp was found during site visit. PSI was observed during visit.

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IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0062898

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: Olson Hannum

Name _____

Address 8001 S - Old Hwy 191

City Malad State ID Zip 83252

3. WELL LOCATION:

Twp. 15 North ☐ or South ☒ Rge. 36 East ☒ or West ☐

Sec. 27 SE 1/4 NE 1/4 _____ 1/4 _____

Gov't Lot 4 County Oneida

Lat. 42 ° 05.496 (Deg. and Decimal minutes)

Long. 112 ° 13.737 (Deg. and Decimal minutes)

Address of Well Site Old Hwy 191, 6485

City Cherry Creek

(Give at least name of road - Distance to Road or Landmark)

Lot _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation ☐ Thermal ☐ Injection

☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	40	28 bags	Overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8"	0	200	.250	Steel	☒	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 200

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method machine

Manufactured screen ☐ Y ☐ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
100	106	1/4-1	96	8"	Steel	.250
120	156	1/4-1	576	8"	Steel	.250
172	199	1/4-1	432	8"	Steel	.250

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☐ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☐ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 50 Static water level (ft) 52'

Water temp. (°F) 54 Bottom hole temp. (°F) _____

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
	<u>300</u>	

Test method:

Pump ☐ Bailor ☐ Air ☒ Flowing artesian ☐

Water quality test or comments: good

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12	0	40	Brn Clay gravel		X
8	40	60	Brn clay gravel		X
8	50	65	Brn clay sand	X	
8	65	80	gravel	X	
8	80	85	Brn clay	X	X
8	85	88	gravel	X	
8	88	96	Brn clay	X	X
8	96	105	gravel	X	
8	105	115	Brn clay	X	X
8	115	125	Brn clay gravel	X	
8	125	140	gravel Brn clay	X	
8	140	156	gravel	X	
8	156	172	Brn clay	X	X
8	172	180	gravel Brn clay	X	
8	180	192	gravel	X	
8	192	196	Brn Shale		X
8	196	198	gravel	X	
8	198	215	Hard Pan Cemented gravel	X	X

RECEIVED

APR 04 2013

Department of Water Resources
Eastern Region

Completed Depth (Measurable): 215'

Date Started: 1-14-13 Date Completed: 2-1-13

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name MT West Well Drilling Co. No. 543

*Principal Driller Michael Thayer Date 2-6-13

*Driller Miles Frandson Date 2-1-13

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

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