

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	
													1.7						1.7
		Lot #																	
Total Acres =																			1.7

Place of Use: Commercial

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
59N	04W	10											X						X
		Lot #																	

Method of Determination: GIS, Idaho Tax Parcel Data, phone conversation with the permit holder on January 22nd, 2026, 2025 Bonner County Aerial Imagery, and 2023 NAIP and Google Earth Aerial Imagery.

Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

- Delivery System Diagram Attached. (mark all major components and distances between components)
- X Aerial Photo indicating the location of the recommended POD and POU.
- X Aerial Photo Attached (required)
- Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurement Comments: No measurement is required for permits qualifying for an in-office examination according to the IDAPA Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

 X Additional Computation Sheets Attached

Measured Method: Unfortunately, not enough information was provided with the Proof Statement to determine a recommended diversion rate for commercial use. However, after a phone conversation with the permit holder on January 22nd, 2026, enough information was provided to make a diversion rate recommendation. The standards set in the documents titled "Estimating Public Building Water Requirements" and "Rural and Domestic Water Requirements" were used to estimate a diversion rate based on the number of fixtures. A table detailing these calculations is attached to this report. The estimated diversion rate exceeded the permitted diversion rate of 0.20 cfs. Due to the estimated rate being based on wide assumptions it seems reasonable to assume the actual diversion rate is the same as permitted.

I was able to locate well records for both points of diversion but was unable to determine or be provided a pump horsepower. Therefore, a theoretical diversion rate calculation to determine the system capacity was not possible. According to Administrative Application processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs per acre. I am recommending a diversion rate of 0.20 cfs for commercial use, and 0.05 cfs for irrigation or 0.20 cfs total.

(1.7 confirmed acres of irrigation) * (0.03 cfs/acre) = 0.051 or 0.05 cfs rounded

Administrative Application Processing Memo #17 Calculation = 0.05 cfs

Commercial Use Calculation: 0.20 cfs

Permit allowed = 0.20 cfs

Total Recommendation = 0.20 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1.7 \text{ acres}) \times (3.0 \text{ af/acre}) = 5.1 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.05 \text{ cfs}) \times (214 \text{ days}) \times (1.9835 \text{ af/day}) = 21.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 5.1 \text{ af}$$

2. Volume Calculations for Other Uses: Unfortunately, not enough information was provided with the Proof Statement to determine a diversion volume for commercial use. However, after a phone conversation with the permit holder on January 22nd, 2026, enough information was provided to make a diversion volume recommendation. The standards set in the documents titled "Estimating Public Building Water Requirements" and "Rural and Domestic Water Requirements were used to estimate a diversion volume for commercial use. I am recommending a diversion volume of 2.6 af for commercial use, 5.1 af for the irrigation of 1.7 acres or 7.7 af total.

G. PURPOSE OF USE

Irrigation X Y N # Stock N/A Domestic # of Homes N/A

Other: Commercial

Change in Purpose of Use? Y X N

Method of Determination: GIS, Idaho Tax Parcel Data, a phone conversation with the permit holder on January 22nd, 2026, 2025 Bonner County Aerial Imagery, 2023 NAIP and Google Earth Aerial Imagery, and the permit holders Proof Statement.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. The property was developed in 1974 and the two wells utilized as the points of diversion (POD) were drilled in 1992 and 1993 according to the well logs. The permit authorized commercial use and the irrigation of 5 acres diverting from groundwater. According to the Proof Statement commercial use consisted of water for storefronts, motel, 12 RV sites, and caretaker residence. This was not enough information to make a diversion rate or volume recommendation for commercial use. After a phone conversation with the permit holder on January 22nd, 2026, they provided additional information on how many fixtures were using water in the storefront, motel, RV Sites, and employee housing. They also confirmed water is used for a manual coin operated car wash and fills a pool once a year. A table depicting how the recommended diversion rate and volume was estimated is attached to this report.

According to 2025 Bonner County, 2023 NAIP and Google Earth Aerial Imagery 1.7 acres of irrigation was confirmed within the development period. The Idaho Tax Parcel property boundary and visual property boundary were inconsistent. The irrigation and commercial place of use boundary were determined using the visual property boundary. The standards set in Administrative Application Processing Memo #17 and documents from the Field Examiners Handbook titled "Estimating Public Building Water Requirements" and "Rural and Domestic Water Requirements" were used to make a diversion rate and volume recommendation. All conditions of permit approval have been met, and development of beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a diversion rate of 0.20 cfs for commercial use, 0.05 cfs for irrigation or 0.20 cfs total. I am also recommending a diversion volume of 2.6 af for commercial use and 5.1 af for irrigation or 7.7 af total.

Conditions #3 on the permit, #4 on the permit, #5 on the permit, and R66 should remain on the license. Condition #2 on the permit should be removed because there is no evidence the permit holder is not meeting the requirements of the Idaho Department of Environmental Quality. Condition 046 should be removed because the permit holder complied with the drilling permit requirements of Idaho Code §42-235 and applicable Well Construction Rules of the Department. Condition 004 should be removed because Aerial Imagery and Idaho Tax Parcel Data confirm there are no legal access concerns to the point of diversion or place of use.

Have conditions of permit approval been met? X Yes No

I. RECOMMENDATIONS

1. Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	04/01-10/31	0.05 CFS	5.1 AF
Commercial	01/01-10/31	0.20 CFS	2.8 AF
<u>Totals:</u>		0.20 CFS	7.7 AF

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 X None

J. AUTHENTICATION

Field Examiner: Skyler Cheever – Water Resource Agent, Sr – State Office

Field Examiner's  Date 1/26/2026

Reviewer  Date 3/30/2026

Field Exam Map

Map showing the authorized point of diversion (yellow point), irrigation place of use (orange outline), and commercial place of use (green outline).



2025 Bonner County Aerial Imagery

97-9859 Bonner County Aerial Imagery



Breakdown of Commercial Use of Water

	Total GPM	Rate	Volume	Rounded Volume	Average Flow Rate of Appliances (GPM)	
Storefront					Toilet	4.5
6 Sinks	21.00	0.0468	0.040199	0.1	Sink	3.5
3 Toilets	13.50	0.0301	0.025842	0.1	Shower	5
2 Showers	10.00	0.0223	0.019142	0.1	Hot Tub	6
Motel					Diversion Rate and Volume for Car Wash was determined based on the average volume in gallons found at carcuring.com. Diversion rate and volume for pool were determined by the pool dimentions provided by the permit holder on January 22nd, 2026	
Manual Carwash	8.00	0.0178	0.229706	0.2		
30 Sinks	105.00	0.2339572	0.401985	0.4		
24 Toilets	108.00	0.2406417	0.413471	0.4		
24 Showers	120.00	0.2673797	0.459412	0.5		
3 hot tubs	18.00	0.040107	0.206735	0.2		
1 Pool Filled once a year		0.01	0.1	0.1		
RV park						
3 Sinks	10.50	0.0233957	0.040199	0.1		
3 Toilets	13.50	0.0300802	0.051684	0.1		
12 RV Hookups						
12 sinks	42.00	0.0935829	0.160794	0.2		
12 toilets	54.00	0.1203209	0.206735	0.2		
12 showers	60.00	0.1336898	0.229706	0.2		
Totals	575.50	1.3101	2.58561	2.9		
<i>Permit Authorized</i>		<i>0.20</i>				
Recommended		0.20	2.6			

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

USE TYPEWRITER OR
BALL POINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER
Name STANLEY W. MORRIS
Address P.O. Box 128 Coolin, ID. 83321
Drilling Permit No. 97-93-N-13-601
Water Right Permit No. 97-7334

2. NATURE OF WORK
☐ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☒ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

3. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other COMMERCIAL (specify type)

4. METHOD DRILLED
☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary
☒ Cable ☐ Mud ☐ Other _____
(backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION
Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____
Thickness Diameter From To
_____ inches _____ inches + _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
Was casing drive shoe used? ☐ Yes ☐ No
Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☐ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation? _____ inches by _____ inches
Number From To
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? ☒ Yes ☐ No
Manufacturer JOHNSON Type STAINLESS
Top Packer or Headpipe YES
Bottom of Tailpipe _____
Diameter 5 1/2 Slot size 25 Set from 76 feet to 81 feet
Diameter 5 1/2 Slot size 20 Set from 81 feet to 86 feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth _____ Material used in seal: ☐ Cement grout
☐ Bentonite ☐ Pudding clay _____
Sealing procedure used: ☐ Slurry pit
☐ Temp. surface casing ☐ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded
☐ Solvent Weld ☐ Cemented between strata
Describe access port _____

6. LOCATION OF WELL
Sketch map location must agree with written location.
Subdivision Name TAX 13
Lot No. _____ Block No. _____
County BONNER
Address of Well Site CORNER OF DICKENS STREET RD. & CAVANAUGH BAY RD.
(give at least name of road)
T. 59 N ☒ or S ☐
_____ 1/4 _____ 1/4 Sec. 10, R. 4 E ☐ or W ☒

7. WATER LEVEL
Static water level 63 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

8. WELL TEST DATA
☐ Pump ☒ Bailor ☐ Air ☐ Other _____
Discharge G.P.M. Pumping Level Hours Pumped
20 63 1

9. LITHOLOGIC LOG
104977
Bore Diam. Depth From To Material Water Yes No
PULLED OLD SCREEN
DROVE S' CASING
PUT IN 10' SCREEN
81 86 SAND & GRAVEL ✓

10. Work started 4/26/93 finished 4/27/93

DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name WOODWELL DRILLING Firm No. 389
Address N. 21303 NEWPORT HWY Date 4/27/93
CALBERT W.H.
Signed by Drilling Supervisor [Signature]
and
(Operator) _____
(If different than the Drilling Supervisor)

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