

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 63-33462

Exam Date: 04/18/16

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Church of God of Prophecy
Owner of Record Correct? X Y N
Address of Record Correct? X Y N
If No: Address

3. Beneficial Use Fees have been paid: X Y N Receipt No: C101823

4. SOURCE TRIBUTARY

Groundwater

Method of Determination: well log – D0059142

Change in Source: Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
63-33461	Ground Water	Irrigation	License/Transfer
Lots- USA (BOR)	Boise River & Tribs.	Irrigation	Decreed
Lots - Boise Project Board of Control	Boise River & Tribs.	Irrigation	Decreed
Lots - Nampa and Meridian Irr. Dist.	Boise River & GW	Irrigation	Decreed
Lots – City of Nampa	Ground Water	Municipal	Decreed/Licensed

Comments: POU PIN R3147801000

No irrigation component to 63-33462. No overlap condition required for irrigation rights.

No combined limits needed because well has 100 gpm discharge per well log. 0.07 cfs (63-33461) plus 0.05 cfs (63-33462) equals 0.12 cfs combined. $0.12 \text{ cfs} \times 448.8 = 53.9 \text{ gpm}$. $53.9 \text{ gpm} < 100 \text{ gpm}$.

Per application information: Irrigation provided by Nampa Meridian ID and 63-33461.

63-28183 Dom/Stock right for 1965. Church built 2013-2015. Church built next to only developed buildings in QQ as of 1981. The domestic homes possibly associated with 63-28183 are in the same taxlot but to the west, near the canal of the church. Well drilled for church 2011.

No evidence of municipal delivery from City of Nampa in file.

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

Water Right No.	Source	Purpose of Use	Basis
63-33461	Ground Water	Irrigation	License/Transfer

Comments: 63-32360 – well in taxlot south of POD (R23079010B2)

63-28183 Dom/Stock right for 1965. Church built 2013-2015. Well drilled for church 2011 therefore is not same well as 63-28183.

POD 63-33461 and 63-33462 out of same well:

Transfer review documents of 63-33461 indicate that the POD of 63-33461 (a split from 63-11494A) was transferred to a POD drilled in June of 2011 and on the new owner's property (Church of God and Prophecy). This is consistent with the well associated with 63-33462 with a well tag number of D0053142.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Groundwater			NE	SW	19	03N	02W	B.M.	Canyon
								B.M.	

Method of Determination: well log

Change in POD? Y X N Amendment Required? Y X N**2. PLACE OF USE:** Use: Domestic

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	02W	19									X								
		Lot #																	
Total Acres =																			

Method of Determination: Church visible on imagery. Based on taxlot information and 2015 NAIP imagery.

Change in POU? Y X N Amendment Required? Y X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 Aerial Photo Attached (required for irrigation of 10+ acres). 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

*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

2. Measurements: < >**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

Information included with application includes an estimated instantaneous water demand to be 21 gpm (0.5 cfs). The Tikker Engineering estimate is in the file labeled "Water Pipe Sizing". Well drillers report tested the well at 100 gpm for 3 hours. The well should handle the 0.5 cfs for this permit plus the 0.07 cfs under 63-33461.

Permit Holder's Engineering Estimate = 0.05 cfs domestic

Permit allowed = 0.05 cfs domestic

License recommend for 0.05 cfs domestic

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.0 \times 4.5 = 0.0$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.0 \times 260 \times 1.9835 = 0$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 0$$

2. Volume Calculations for Other Uses:

Per Field Examiners Handbook – 1 home with no irrigation - 0.6 afa

0.6 afa

$$(0.6 \text{ afa} \times 325850) = 195510 \text{ gal} \quad (((195510 / 52) / 26) / 60) = 2.4 \text{ hrs per week}$$

2.4 gal/week should be sufficient for a church as there is only expected to be periodic intense use of the majority the fixtures. The majority of the time, there should be very limited use.

G. PURPOSE OF USEIrrigation Y N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y N

Method of Determination: Information provided by permit holder and NAIP imagery.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

Season of Use: 03/01-11/15 (260 days)

Headgate: 4.5

Cons. Use: 3.5

Water District: None

Groundwater District: None

Conditions

004	This right does not grant any right-of-way or easement across the land of another.
132	Domestic use is for church and does not include lawn, garden, landscape, or other types of irrigation.
F06	The following rights are diverted from the point of diversion described above: 63-33461 & 63-33462

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>
Domestic	01/01 to 12/31	0.05 CFS	0.6 AF
<u>Totals:</u>		0.05 CFS	0.6 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

Other: < >

J. AUTHENTICATIONField Examiner's Name Janella [Signature] Date 04/22/16

Reviewer _____ Date _____





63-33462

0 87.5 175 350 525 700 Feet

1981 NAPP

04/18/2016

D. Favreau

Signature of Principal Driver and Rig Operator are required.