

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 71-10905

Exam Date: 8/13/2013

1. Current Owner: UNITED STATES OF AMERICA ACTING THROUGH
USDA FOREST SERVICE
2647 KIMBERLY RD
TWIN FALLS ID 83301-7976
(208)737-3200
2. Accompanied by: Eric Olsen (Camp Pastor/Director) Jana Reeder (IDWR Agent)
Phone No: 208-886-7657
Address: PO Box 389, Shoshone ID 83352
Relationship to Permit Holder: Camp Pastor/Director

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 71-7106, and 71-4024
2. Other water rights with the same point of diversion: None

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

GROUND WATER SE1/4SW1/4SE1/4 Sec. 18, Twp 07N, Rge 14E, B.M.
BLAINE County

Method of Determination: GPS point from spatial database that was collected by IDWR staff in 2007 and 2010

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
07N	14E	18															X	X	

Method of Determination: Aerial photography and site visit

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

4.

<u>Well or Diversion</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
<u>ID No.*</u>					
D0044728	N/A	½	N/A N/A	N/A	

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

D. FLOW MEASUREMENTS

A measurement is not required for domestic use if diversion rate does not exceed 0.24 cfs according to new Beneficial Use Examination Rules dated 3/29/2012

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: Theoretical yield:

$$Q = \frac{8.8 \times (Hp) \times (Eff)}{H}$$

Where: Hp = .5 Hp pump (per Eric Olsen camp pastor/director)

Eff = efficiency = 70% assumed

H = total head = pumping level + (2.31 x system pressure)

assume pumping level of 120 feet (per Well Driller's Report)

assume system pressure = 35 psi

$$H = 120 + (35 \times 2.31) = 200.85$$

$$Q = \frac{8.8 \times .5 \times .70}{200.85} = 0.0153348 = 0.02 \text{ cfs}$$

Theoretical yield equals the permitted flow of 0.02 cfs. **Recommend 0.02 cfs for this license**

F. VOLUME CALCULATIONS

Not required for 42-111 type domestic uses per new Beneficial Use Examination Rules implemented 3/29/2012

Idaho code 42-111 allows for 13,000 gpd for domestic use.

Daily use of 260 people at 50 gpd/person* = 13,000 gpd.

*50 gpd/person used from the Field Examiners Handbook, Non-Irrigation Water Requirements.

Recommend 13,000 gallons per day

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 71-10905 was filed on January 12, 2007 by the Intermountain Lutheran Camp Association, dba Luther Heights Bible Camp. Permit 71-10905 is for the diversion of 0.02 cfs of groundwater for domestic use associated with a church camp organization. On May 4 2007 Eric Olsen on behalf of the Intermountain Lutheran Camp Association filed an Assignment of Application for Permit to the United States of America acting through USDA Forest Service. Permit 71-10905 was issued on July 11, 2007 to the United States of America acting through USDA Forest Service and Proof of Beneficial was due on or before July 1, 2009. A Request for Extension of Time was filed June 26, 2009 by the United States of America acting through USDA Forest Service to provide additional time in which to submit Proof of Beneficial Use for permit 71-10905. The request for extension of time was approved on July 8, 2009 and the time within which to submit Proof of Beneficial Use was extended to July 1, 2011. Proof of Beneficial Use was filed on December 4, 2009 by the permit holder on behalf of the Luther Heights Bible Camp.

During the exam, Jana and I were accompanied by Eric Olsen the camp pastor/director. Mr. Olsen gave us a tour of the camp facilities and the point of diversion was located.

The system consists of a spring, (Luther Heights Spring), two wells and three storage tanks with a total capacity of 7,000 gallons. Decreed water right 71-4024 is for domestic use from Luther Heights Spring for 0.02 cfs. Decreed water right 71-7106 is for domestic use from groundwater for 0.02 cfs and 0.2 af. Permit 71-10905 was for the addition of the second well to provide more water since the spring and original well are not very productive. The system is tied together and depending on demand they can use one or all three of the water sources. The camp facility currently has 15 cabins, 4 of which have full bathroom facilities. The main lodge has a kitchen and a bathroom. The directors' cabin also has its own bathroom. There are three bath houses with showers and toilets in each. Use varies from day to day throughout the year. Information provided by the Forest Service, Organization Camp Use and Revenue Work sheet, shows in excess of 260 visitors has occurred, with as many as 316 visitors in 2007. Maximum daily use could be in excessive of 13,000 gpd. The camp is used primarily during the months of 5/1 thru 10/31 with limited use year round due to access during the winter.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
DOMESTIC	01/01 to 12/31	0.020 CFS
<u>Totals:</u>		0.020 CFS

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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name Benny Walker Date 6/18/14
Reviewer [Signature] Date 6/19/14

NWSE

NESE

NWSW 7

18

17

SWSE

SESE

SWSW 8

Place of Use

0.14142

Point of Diversion

NWNE

19

SENE 1
NENE 1

20

NWNW 4

Permit 71-10905



Various Cabins



Permit 71-10905



Built in 2008, these new cabins include bathrooms with a shower and toilet, and sleep up to 14 people.



Permit 71-10905



Bathhouse



Well

ORGANIZATION CAMP USE AND REVENUE WORKSHEET

Camp Name: Luther Heights A.B.C. Camp
 Period: January 01, 2007 to December 31, 2007

RECEIVED
 OCT 31 2013
 DEPT. OF WATER RESOURCES
 Minimum Fee \$300.00
 SOUTHERN REGION

LAND USE FEE: 5% of (acres x per acre value from NASS) calculated by the Forest Service

REDUCTIONS TO LAND USE FEE

Participants

GROUP NAME & LEADER (Attach additional pages if necessary)	*Priority Group (1 or 2) or other	Dates of Use	Use Days	No. of People	User Days (Use Days x No. People)
Idaho Youth Program - Camp HODIA	1	Summer 2007	7	226	1,582
Wood River Hospice - Bereavement Camp	1	Summer 2007	3	25	75
					1,657 27%
Summer Youth Camps	2	Summer 2007	6	316	1896
Confirmation Youth Retreats	2	" "	3	120	360
Youth in Family Camps	2	" "	4	227	908
Youth in Cross of Christ Church Camp	2	" "	3	10	30
Other youth groups - retreats	2	" "	3	108	324
					3,518 57%
Family Adult Camps	Other	Summer 2007	4	227	908
Calvary Chapel Adults/Cross of Christ	Other		3	31	92
					1,001 16%

***Priority 1** Programs are for people with disabilities or children at risk that are offered, through sponsorships or otherwise, free of charge or for a nominal fee. The objectives are rehabilitation, training, and providing an outdoor experience that would not otherwise be available to those attending the program. Examples are Salvation Army, Boys Clubs of America, and some civic clubs for the physically and mentally challenged or infirm.

Priority 2 Youth programs offering organized and supervised social citizenship, character-building and/or faith-based activities oriented to outdoor recreation experiences. Examples are Boy Scout & Girl Scouts, YMCA, 4-H Clubs, CampFire Boys & Girls, and religious groups.

Other Weddings, conferences, reunions, special events, etc. (used to determine percentages for priority 1 & 2 discount)

FEES BASED ON OTHER REVENUES

Revenue Source	Revenue Value
1. Weddings, conferences, reunions, special events, etc.	\$ 2,255. -
2. Merchandise	
3. Conferences	
4. General Store	2,000. -
5. Cabin Rentals	
6. Outfitting and Guiding	
7. Rentals and Services	
Total	~~\$ 4,000. -~~ \$ 4,255. -

ORGANIZATION CAMP USE AND REVENUE WORKSHEET

Camp Name: Luther Heights Bible Camp
 Period: January 01, 2008 to December 31, 2008

RECEIVED
 OCT 31 2013
 DEPT. OF WATER RESOURCES
 SOUTHERN REGION
 Minimum Fee \$800.00

LAND USE FEE: 5% of (acres x per acre value from NASS) calculated by the Forest Service

REDUCTIONS TO LAND USE FEE

Participants

GROUP NAME & LEADER (Attach additional pages if necessary)	*Priority Group (1 or 2) or other	Dates of Use	Use Days	No. of People	User Days (Use Days x No. People)
Idaho Youth Programs - Camp Hodi					
June 14-20 Camp	1	June 14-20	7	101	707
June 21-27 Camp	1	June 21-27	7	53	371
August 27-Aug 2 Camp	1	July 27-8/2	7	89	623
Wood River Hospice					
Bereavement Camp for Kids	1	August 8-10	3	31	93
					<u>1,794</u> 32%
Luther Heights Bible Camp - Programs					
Summer Youth Weeks	2	6/29 - 7/4	6	11	66
"	2	7/6 - 11	6	81	486
"	2	7/13 - 18	6	60	360
" " "	2	7/20 - 25	6	45	270
" " "	2	8/3 - 8	6	86	516
" " "	2	8/10 - 15	6	55	330
Confirmation Camp	2	9/12-14	3	39	117

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Priority 2 Youth programs offering organized and supervised social citizenship, character-building and/or faith-based activities oriented to outdoor recreation experiences. Examples are Boy Scout & Girl Scouts, YMCA, 4-H Clubs, CampFire Boys & Girls, and religious groups.

Other Weddings, conferences, reunions, special events, etc. (used to determine percentages for priority 1 & 2 discount)

FEES BASED ON OTHER REVENUES

Revenue Source	Revenue Value
1. Weddings, conferences, reunions, special events, etc.	1,460
2. Merchandise	
3. Conferences	
4. General Store	1,485
5. Cabin Rentals	
6. Outfitting and Guiding	
7. Rentals and Services	
Total	\$ 2,945

P1 274
 P2 615
 Other 217
 Revenue 2945

ORGANIZATION CAMP USE AND REVENUE WORKSHEET

Camp Name: Luther Heights Bible Camp
 Period: January 01, 2009 to December 31, 2009

RECEIVED
 OCT 31 2013
 DEPT. OF WATER RESOURCES
 SOUTHERN REGION
 Minimum Fee \$300.00

LAND USE FEE: 5% of (acres x per acre value from NASS) calculated by the Forest Service

REDUCTIONS TO LAND USE FEE

Participants

GROUP NAME & LEADER (Attach additional pages if necessary)	*Priority Group (1 or 2) or other	Dates of Use	Use Days	No. of People	User Days (Use Days x No. People)
Idaho Youth Program - Diabetic Camp					
June 20-27	1	6/20-27	7	100	700
July 25-August 1	1	7/25-8/1	7	131	917
Luther Heights Program					1,617 or 30%
Youth Camp	2	7/2-5	4	30	120
Youth Camp	2	7/5-10	6	52	312
Youth Camp	2	7/12-18	6	69	414
Youth Camp	2	7/19-25	6	61	366
Youth Camp	2	8/2-7	6	66	396
Confirmation Ret Youth Camp	2	8/10-13	4	31	124
Confirmation Retreat	2	8/18-20; 9/25-27	3	105	315
Youth in Family Camps & Retreats	2	Summer/Fall	4	257	1,028
					3,075 or 57%
Adults in Family Camp	other	Summer/Fall	~2.5	283	677 or 13%
					5,369 100%

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Priority 2 Youth programs offering organized and supervised social citizenship, character-building and/or faith-based activities oriented to outdoor recreation experiences. Examples are Boy Scout & Girl Scouts, YMCA, 4-H Clubs, CampFire Boys & Girls, and religious groups.

Other Weddings, conferences, reunions, special events, etc. (used to determine percentages for priority 1 & 2 discount)

FEEES BASED ON OTHER REVENUES

Revenue Source	Revenue Value
1. Weddings, conferences, reunions, special events, etc.	1,000
2. Merchandise	
3. Conferences	
4. General Store	1,485
5. Cabin Rentals	
6. Outfitting and Guiding	
7. Rentals and Services	
Total	2,485

Priority 1 235
 2 671
 other 283

ORGANIZATION CAMP USE AND REVENUE WORKSHEET

Camp Name: Luther Heights
 Period: January 01, 2010 to December 31, 2010

RECEIVED
 OCT 31 2013
 DEPT. OF WATER RESOURCES
 SOUTHERN REGION
 Minimum Fee \$300.00

LAND USE FEE: 5% of (acres x per acre value from NASS) calculated by the Forest Service
 REDUCTIONS TO LAND USE FEE

Participants

Total 1195 5433

GROUP NAME & LEADER (Attach additional pages if necessary)	*Priority Group (1 or 2) or other	Dates of Use	Use Days	No. of People	User Days (Use Days x No. People)
Idaho Youth Programs					
High School	1	6/20-26	7	112	784
Shooting Stars	1	6/27-7/2	5	44	220
Youth Camp	1	7/24-31	7	115	805
Luther Heights Programs					1,809 - 33.3%
Junior Camp	2	7/5-9	6	29	174
Intro "	2	7/5-8	4	29	116
Track, Intermediate & Junior	2	7/11-16	6	96	576
Senior High, Bpk, Servant Event	2	7/18-23	6	84	504
Cano	2	7/25-30	6	3	18
Junior Intermediate	2	8/1-6	6	67	402
Intro	2	8/10-13	4	19	76
Youth in Family Camp	2	Summer/Fall	3	280	840
Confirmation & Senior High Ret	2	9/10-12, 17-19, 24-26	3	83	249
					2,955 - 54.3%

Adults in Family Camp Other Summer/Fall 3 234 669
 5,433 - 12.3%

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Other Weddings, conferences, reunions, special events, etc. (used to determine percentages for priority 1 & 2 discount)

FEES BASED ON OTHER REVENUES

Revenue Source	Revenue Value
1. Weddings, conferences, reunions, special events, etc.	1,299
2. Merchandise	
3. Conferences	
4. General Store	1,060
5. Cabin Rentals	
6. Outfitting and Guiding	
7. Rentals and Services	
Total	2,359

P1 - 271
 P2 - 44 690
 Other - 234
 1195

ORGANIZATION CAMP USE AND REVENUE WORKSHEET

Camp Name: Luther Heights Bible Camp
 Period: January 01, 2011 to December 31, 2011

RECEIVED
OCT 31 2013
 DEPT. OF WATER RESOURCES
 SOUTHERN REGION
 Minimum Fee \$300.00

LAND USE FEE: 5% of (acres x per acre value from NASS) calculated by the Forest Service
REDUCTIONS TO LAND USE FEE

Participants

GROUP NAME & LEADER (Attach additional pages if necessary)	*Priority Group (1 or 2) or other	Dates of Use	Use Days	No. of People	User Days (Use Days x No. People)
<u>Idaho Youth Program - Diabetic Camp</u>					
High School	1	6/18-25	7	102	714
Shooting Stars	1	6/26-30	5	38	190
Youth Camp	1	7/23-30	7	128	896
					<u>1,800 or 33.7%</u>
<u>Luther Heights Youth Center</u>					
Intermediate	2	6/26-7/1	6	18	108
Intro	2	7/5-8	4	6	24
Junior	2	7/14-8	5	11	55
Junior & Intermediate Trials	2	7/10-15	6	73	438
Intro	2	7/10-13	4	34	136
Senior High	2	7/17-22	6	59	354
Canoe	2	7/24-29	6	2	12
Junior & Intermediate	2	7/31-8/5	6	89	534
Intro	2	8/9-12	4	10	40

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Other Weddings, conferences, reunions, special events, etc. (used to determine percentages for priority 1 & 2 discount)

FEES BASED ON OTHER REVENUES

Revenue Source	Revenue Value
1. Weddings, conferences, reunions, special events, etc.	1,224
2. Merchandise	
3. Conferences	.
4. General Store	5,483
5. Cabin Rentals	
6. Outfitting and Guiding	
7. Rentals and Services	
Total	6,707

priority 1 = 268
 priority 2 = 509
 other = 284

[illegible]

ORGANIZATION CAMP USE AND REVENUE WORKSHEET

Camp Name: Luther Heights Bible Camp
 Period: January 01, 2012 to December 31, 2012

RECEIVED
 OCT 31 2013
 DEPT. OF WATER RESOURCES
 SOUTHERN REGION
 Minimum Fee \$100.00

LAND USE FEE: 5% of (acres x per acre value from NASS) calculated by the Forest Service
REDUCTIONS TO LAND USE FEE

Participants

GROUP NAME & LEADER (Attach additional pages if necessary)	*Priority Group (1 or 2) or other	Dates of Use	Use Days	No. of People	User Days (Use Days x No. People)
Idaho Youth Programs - Diabetic Camp					
High School	1	6/16-23	7	124	868
Shooting Stars	1	6/24-28	5	51	255
Youth Camp	1	7/28-8/4	7	98	686
Parent/Child Education Day	1	6/29-8/4	1	153	153
					<u>1,962</u>
					34,779
Luther Heights Bible Camp					
Intro	2	6/24-27	4	6	24
Junior	2	6/24-29	6	27	162
Senior High	2	7/8-13	6	57	342
Trials	2	7/8-13	6	8	48
Junior	2	7/15-20	6	44	264
Intro	2	7/15-18	4	19	76
Intro	2	7/22-25	4	10	40
Intro	2	7/25-28	4	9	36

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Other Weddings, conferences, reunions, special events, etc. (used to determine percentages for priority 1 & 2 discount)

FEEES BASED ON OTHER REVENUES

Revenue Source	Revenue Value
1. Weddings, conferences, reunions, special events, etc.	1,000
2. Merchandise	
3. Conferences	
4. General Store	427
5. Cabin Rentals	
6. Outfitting and Guiding	
7. Rentals and Services	
Total	1,427

priority 1 = 426
 priority 2 = 574
 Other = 311

[illegible]