

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

A. GENERAL INFORMATIONPermit No: 75-14477

Exam Date: 02/13/13

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)?
- X
- Y
-
- N

a. Irrigation of 5 acres or less

b. Storage of up to 14.6 AF for stockwater purposes only

c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

d. Other < >

2. Current Owner: Name: Michael Philpott

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No: Address

Correct phone number is 208-993-4836 per letter from permit holder received 11/13/13

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: Not required – GW and less than 0.04 cfs

4. SOURCETRIBUTARY

Groundwater

Method of Determination: Information provided by permit holder.

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

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

Water Right No.	Source	Purpose of Use	Basis
75-4197B	Salmon River	Irrigation	Decreed

Comments: Kane Ramey Ditch Surface Water LPOU Overlap (75-4197B) to which this is supplemental to per July 21, 2008 letter from permit holder. 75-4197B POU is in SESW4 but no NESW3.

No overlap: 75-4134 & '75-14134 in adjacent taxlot to west, 74-14135 in nearby taxlot to west, 75-14136 in nearby taxlot to the SW of POU, 75-10887 for a D&S use with an owner and PIN number not in taxlots anymore but similar PIN numbers in southern portion of the QQ. Not likely to be POU as PIN of property is a 550000000 number similar to all Mountain View Acres Sub. Numbers.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 75-14135 a surface water diversion. 75-10887 is for D&S use, PIN RP 21N22E196602. PIN not in taxlots anymore but similar numbers in southern portion of the QQ. Not likely to be POD as PIN of property is a 550000000 number similar to all Mountain View Acres Sub. Numbers.

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater	4		SE	SW	19	21N	22E	B.M.	Lemhi
								B.M.	
								B.M.	

Method of Determination: Pump location confirmed by permit holder in letter received 11/13/13.

Change in POD? X N Amendment Required? X N2. **PLACE OF USE:** 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	
21N	22E	19												0.5					0.5
		Lot #												4					
21N	22E	19									0.4								0.4
		Lot #									3								
Total Acres =																			0.9

POU in taxlots Mountain View Acres 1st Addition Lot 3 & T-3752 PINs RP000550030030 and RP21N22E194804

Method of Determination: GIS Imagery

Change in POU? X Y Amendment Required? X Y 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
	Ace	1	C48K2EC11C3	AO Smith	

*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** X Additional Computation Sheets Attached

Measured Method:

0.02 cfs = 1 inch per acre (IDWR standard) 0.9 acres(0.02 cfs) = 0.02 cfs at 1 inch per acre

Per permit holder in letter received 11/13/13: 1 hp pump, 11 ft lift.

Theoretical Calculation Q Average: 0.05 cfs

Measurement = 0.02 cfs**Permit allowed = 0.02 cfs****License recommend for 0.02 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.9 \times 3.5 = 3.2$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \times 214 \times 1.9835 = 8.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.2$$

2. Volume Calculations for Other Uses:

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

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Irrigated field visible on GIS Imagery.

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

H. NARRATIVE/REMARKS/COMMENTS

- In Wild and Scenic Watershed: Salmon River Excluding Middle Fork
- Prior to diversion of water under this right, the right holder shall install a lockable device, subject to the approval of the Department, in a manner that will provide the watermaster suitable control of the diversion.
- The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least ten times the diameter of the conduit and shall be above ground or otherwise easily accessible.

Information provided by permit holder deemed adequate to satisfy conditions. See Memo in file.

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

Area has shallow ground water. Average Static Lift estimated from static levels of 18 surrounding wells in 21N22E19 NWSW lot 3, NWSE, SWSE, & SESW lot 4 was 11.2 ft. The Salmon River is within one mile of well and a ditch delivering water from the Salmon River is just to the West of the POD. May be Tributary to the Salmon River. Did not change on amendment as was not permitted as such.

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 to 10/31	0.02 CFS	3.2 AF
	<u>Totals:</u>	0.02 CFS	3.2 AF

2. Recommended Amendments☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ X ☐ None☒ X ☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATIONField Examiner's Name Danell L. Lamm Date 11-18-13

Reviewer _____ Date _____

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 75-14477
 Examiner: D. Favreau
 Date of Field Exam: 10/15/2013

	Option 1	OPTION 2	OPTION 3	
P/D No.:				
PUMP HORSEPOWER	1	1	1	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	11	11	11	
DISCHARGE PRESSURE	40	50	60	
FRICTION	0	0	0	
RATE OF FLOW (cfs)	0.06	0.05	0.04	AVE
(gpm)	26.7	21.9	18.5	0.05

The above calculates the formula =
$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{epth to water} + 2.31 * (\text{psi}) + \text{frictic}}$$

Assumptions: %70 efficiency.

Examiners Notes:

Lift provided by permit holder. Hp provided by permit holder. A standard psi for domestic use of 40 to 60 psi was used to estimate the pressure against the pump.



75-14477



0 75 150 300 450 600 Feet

D. Favreau

03/22/13

SWNW

SENW

SENW 2

SWNW

NWSW

NESW 3

19

21N22E

SWSW

SESW 4

SWNE

NENW 1

30

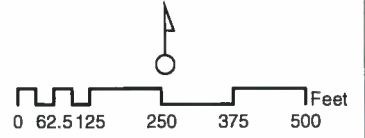
NWNW

NENW

NWNE



75-14477



D. Favreau

03/22/13

19

21N22E

SESW 4

30

Process	Basin Sequence	Draft	Owner	Source	POD/ POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Permit	75-14242	N	MILLS, DANIEL C.; MILLS, JAN	GROUND WATER	POD								X									0
Water Permit	75-14242	N	MILLS, DANIEL C.; MILLS, JAN	GROUND WATER	POU								X									0
Water Permit	75-14477	N	TRAPANI, JUDE	GROUND WATER	POD												X					0
Water Permit	75-14477	N	TRAPANI, JUDE	GROUND WATER	POU												1.0					1
Water Permit	75-7429	N	JAKOVAC, JACK P	SALMON RIVER	POU	5.0																5
Water Permit	75-7602	N	DEURLOO, JOAN; DEURLOO, ROBERT J	GROUND WATER	POD		X															0
Water Permit	75-7602	N	DEURLOO, JOAN; DEURLOO, ROBERT J	GROUND WATER	POU		3.0															3
Water Right	75-10024	N	ROBBINS, PATRICIA; ROBBINS, PHILIP	GROUND WATER	POD													X				0
Water Right	75-10024	N	ROBBINS, PATRICIA; ROBBINS, PHILIP	GROUND WATER	POU													X				0
Water Right	75-10060	N	JOHNSON, A ORLO; JOHNSON, BETTY	GROUND WATER	POD				X													0
Water Right	75-10060	N	JOHNSON, A ORLO; JOHNSON, BETTY	GROUND WATER	POU				X													0
Water Right	75-10078	N	PATTEE, JOHN R; PATTEE, MARIAN	GROUND WATER	POD	X																0
Water Right	75-10078	N	PATTEE, JOHN R; PATTEE, MARIAN	GROUND WATER	POU	X																0
Water Right	75-10094	N	DEURLOO, ROBERT J; MC PHERSON, JOAN L	GROUND WATER	POD		X															0
Water Right	75-10094	N	DEURLOO, ROBERT J; MC PHERSON, JOAN L	GROUND WATER	POU		X															0
Water Right	75-10109	N	IRISH, HENRIETTA MARGARET	GROUND WATER	POD															X		0
Water Right	75-10109	N	IRISH, HENRIETTA MARGARET	GROUND WATER	POU															X		0
Water Right	75-10134	N	JAKOVAC, FRED	SALMON RIVER	POU				40.0													40
Water Right	75-10135	N	JAKOVAC, FRED	SALMON RIVER	POU			X														0
Water Right	75-10187	N	MATTHEWS, FLORENCE	GROUND WATER	POD													X				0
Water Right	75-10187	N	MATTHEWS, FLORENCE	GROUND WATER	POU													X				0
Water Right	75-10188	N	MATTHEWS, FLORENCE	GROUND WATER	POD													X				0
Water Right	75-10188	N	MATTHEWS, FLORENCE	GROUND WATER	POU													X				0
Water Right	75-10197	N	LOCKES, KENNETH	GROUND WATER	POD															X		0
Water Right	75-10197	N	LOCKES, KENNETH	GROUND WATER	POU															X		0
Water Right	75-10287	N	PETERSON, BARBARA C; PETERSON, GRANT A	GROUND WATER	POD		X															0
Water Right	75-10287	N	PETERSON, BARBARA C; PETERSON, GRANT A	GROUND WATER	POU		X															0
Water Right	75-10297	N	HOELZLE, CHARLES W	GROUND WATER	POD														X			0
Water Right	75-10297	N	HOELZLE, CHARLES W	GROUND WATER	POU														X			0
Water Right	75-10314	N	SELICK, DAVID H	GROUND WATER	POD														X			0
Water Right	75-10314	N	SELICK, DAVID H	GROUND WATER	POU														X			0
Water Right	75-10366	N	GOSACK, MICHAEL L	GROUND WATER	POD		X															0
Water Right	75-10366	N	GOSACK, MICHAEL L	GROUND WATER	POU		X															0
Water Right	75-10367	N	KOERNER, DELORES A; KOERNER, RUSSELL G	GROUND WATER	POD												X					0
Water Right	75-10367	N	KOERNER, DELORES A; KOERNER, RUSSELL G	GROUND WATER	POU												X					0
Water Right	75-10370	N	JAKOVAC, FRED	GROUND WATER	POD			X														0
Water Right	75-10370	N	JAKOVAC, FRED	GROUND WATER	POU			X														0
Water Right	75-10373	N	HODGES, PAUL A	GROUND WATER	POD															X		0
Water Right	75-10373	N	HODGES, PAUL A	GROUND WATER	POU															X		0
Water Right	75-10378	N	KIRKPATRICK, BEVERLY; KIRKPATRICK, TED	GROUND WATER	POD													X				0
Water Right	75-10378	N	KIRKPATRICK, BEVERLY; KIRKPATRICK, TED	GROUND WATER	POU													X				0
Water Right	75-10379	N	KIRKPATRICK, BEVERLY; KIRKPATRICK, TED	GROUND WATER	POD													X				0
Water Right	75-10379	N	KIRKPATRICK, BEVERLY; KIRKPATRICK, TED	GROUND WATER	POU													X				0
Water Right	75-10394	N	HELMANDOLLAR, DEAN; HELMANDOLLAR, JULIA	GROUND WATER	POD															X		0
Water Right	75-10394	N	HELMANDOLLAR, DEAN; HELMANDOLLAR, JULIA	GROUND WATER	POU															X		0

[illegible]

Water Right	75-11000	N	POLSON, ALYCE	GROUND WATER	POD															X	0	
Water Right	75-11000	N	POLSON, ALYCE	GROUND WATER	POU															X	0	
Water Right	75-11605	N	KAHNLE, KATHY J; KAHNLE, MICHAEL P	GROUND WATER	POD	X															0	
Water Right	75-11605	N	KAHNLE, KATHY J; KAHNLE, MICHAEL P	GROUND WATER	POU	X															0	
Water Right	75-13967	N	DEURLOO, JOAN; DEURLOO, ROBERT J	SALMON RIVER	POU	2.5															2.5	
Water Right	75-13974	N	LILE, DONALD ; LILE, LINDA	SALMON RIVER	POU	1.0															1	
Water Right	75-14110	N	HENRY, NANCY; HENRY, WILLIAM	WASTE WATER	POD						X										0	
Water Right	75-14110	N	HENRY, NANCY; HENRY, WILLIAM	WASTE WATER	POU						7.0										7	
Water Right	75-14111	N	PUGLISI, AMY; PUGLISI, STEVE	WASTE WATER	POU						8.6										8.6	
Water Right	75-14134	N	DANCE, DOYLE W; DANCE, LOA B	SPRINGS	POU							12.5								10.0	22.5	
Water Right	75-14135	N	COOK, JOAN	SPRINGS	POD															X	0	
Water Right	75-14135	N	COOK, JOAN	SPRINGS	POU							27.3									21.4	48.7
Water Right	75-14136	N	CRAIN, JOHN	SPRINGS	POU																1.5	1.5
Water Right	75-14238	N	COLSTON, ROSALIE A	SALMON RIVER	POU	X															0	
Water Right	75-14333	N	KAMINSKI, ROBERT T	GROUND WATER	POD																0	
Water Right	75-14333	N	KAMINSKI, ROBERT T	GROUND WATER	POU																0	
Water Right	75-14358	N	MILLS, DANIEL C.; MILLS, JAN	WASTE WATER	POU							11.1									11.1	
Water Right	75-14359	N	ALLIED TRUST	WASTE WATER	POU							17.6									17.6	
Water Right	75-14486	N	BURBANK, ARTHUR LAWRENCE; BURBANK, HOLLY	WASTE WATER	POD																0	
Water Right	75-14486	N	BURBANK, ARTHUR LAWRENCE; BURBANK, HOLLY	WASTE WATER	POU							9.2									10.4	
Water Right	75-31A	N	STEPHANISHEN, BART; STEPHANISHEN, REBECCA	SALMON RIVER	POU	3.5															3.5	
Water Right	75-31B	N	COFFEY, REBECKA A	SALMON RIVER	POU	3.5															3.5	
Water Right	75-32	N	DORE, TIMOTHY	SALMON RIVER	POU																0	
Water Right	75-37A	N	GOSACK, JANET C; GOSACK, MICHAEL L	SALMON RIVER	POU	2.5															2.5	
Water Right	75-38A	N	PETERSON, BARBARA C; PETERSON, GRANT A	SALMON RIVER	POU	3.0															3	
Water Right	75-39A	N	FISHER, KAREL M; FISHER, LARRY C	SALMON RIVER	POU	2.0															2	
Water Right	75-39B	N	LEAVITT, KATHRYN; LEAVITT, LARRY	SALMON RIVER	POU	1.0															1	
Water Right	75-39C	N	THE TAWNA ELAINE SKINNER LIVING TRUST	SALMON RIVER	POU	2.0															2	
Water Right	75-40	N	LARSON, AXEL	SALMON RIVER	POU																0	
Water Right	75-41	N	HUBBARD, E L	SALMON RIVER	POU																0	
Water Right	75-4103	N	HERMAN, CARL J; HERMAN, JENNIE	SPRINGS	POD																0	
Water Right	75-4117C	N	COOK, JANET F; COOK, RONALD A	SPRINGS, UNNAMED STREAM	POD																0	
Water Right	75-4117C	N	COOK, JANET F; COOK, RONALD A	SPRINGS, UNNAMED STREAM	POU																0	
Water Right	75-4117E	N	LANGE, GORDON	SPRINGS, UNNAMED STREAM	POD																0	
Water Right	75-4117H	N	JAKICH, LEONARD	SPRINGS, UNNAMED STREAM	POD																0	
Water Right	75-4117H	N	JAKICH, LEONARD	SPRINGS, UNNAMED STREAM	POU																0	
Water Right	75-4117J	N	CHERRY, JACK D	SPRINGS, UNNAMED STREAM	POD																0	
Water Right	75-4134	N	CHARBONNEAU, SHANANDOAH SHIRLEY	SPRINGS, UNNAMED STREAMS	POD																0	
Water Right	75-4134	N	CHARBONNEAU, SHANANDOAH SHIRLEY	SPRINGS, UNNAMED STREAMS	POU								11.0							7.2	18.2	
Water Right	75-4197	N	KANE RAMEY DITCH CO	SALMON RIVER	POU	40.0														20.0	40.0 40.0 40.0 40.0 260	
Water Right	75-4197B	N	KANE RAMEY DITCH CO	SALMON RIVER	POU	X														X	0	
Water Right	75-4503	N	HOFFMAN, ROY M; HOFFMAN, SHARON C	WASTE WATER	POD	X															0	
Water Right	75-45A	N	DAVIS, DELOIS; DAVIS, WAYNE C	SALMON RIVER	POU	1.5															1.5	
Water Right	75-45B	N	NYBORG, FLOYD BRENT; NYBORG, MARTHA L	SALMON RIVER	POU	5.0															5	
Water Right	75-45C	N	REEVES, HARRY; REEVES, PATRICIA	SALMON RIVER	POU	3.0															3	
Water Right	75-45D	N	KING, ABNER; KING, RANEE	SALMON RIVER	POU	2.0															2	

Water Right	75-7040	N	ALPINE MEADOWS SUBDIVISION WATER CO	GROUND WATER	POD			X			0
Water Right	75-7040	N	ALPINE MEADOWS SUBDIVISION WATER CO	GROUND WATER	POU	X		X		X	0
Water Right	75-7095	N	CHAUMELL, OTIS	GROUND WATER	POD				X		0
Water Right	75-7095	N	CHAUMELL, OTIS	GROUND WATER	POU				X		0
Water Right	75-7097	N	DE CORA, CLARENCE J	GROUND WATER	POD			X			0
Water Right	75-7097	N	DE CORA, CLARENCE J	GROUND WATER	POU			X			0
Water Right	75-7098	N	GOLDING, LOUIS	GROUND WATER	POD				X		0
Water Right	75-7098	N	GOLDING, LOUIS	GROUND WATER	POU				X		0
Water Right	75-7262	N	RIEFFENBERGER, ELIZABETH	GROUND WATER	POD			X			0
Water Right	75-7262	N	RIEFFENBERGER, ELIZABETH	GROUND WATER	POU			X			0

RECEIVED

NOV 13 2013

DEPARTMENT OF
WATER RESOURCES

- Pump and well head
- 2" Line
- 3/4 hose split on top of pump
- electric shut off in line on cord

Static Lift

the well shaft is 11 feet deep before it hits water

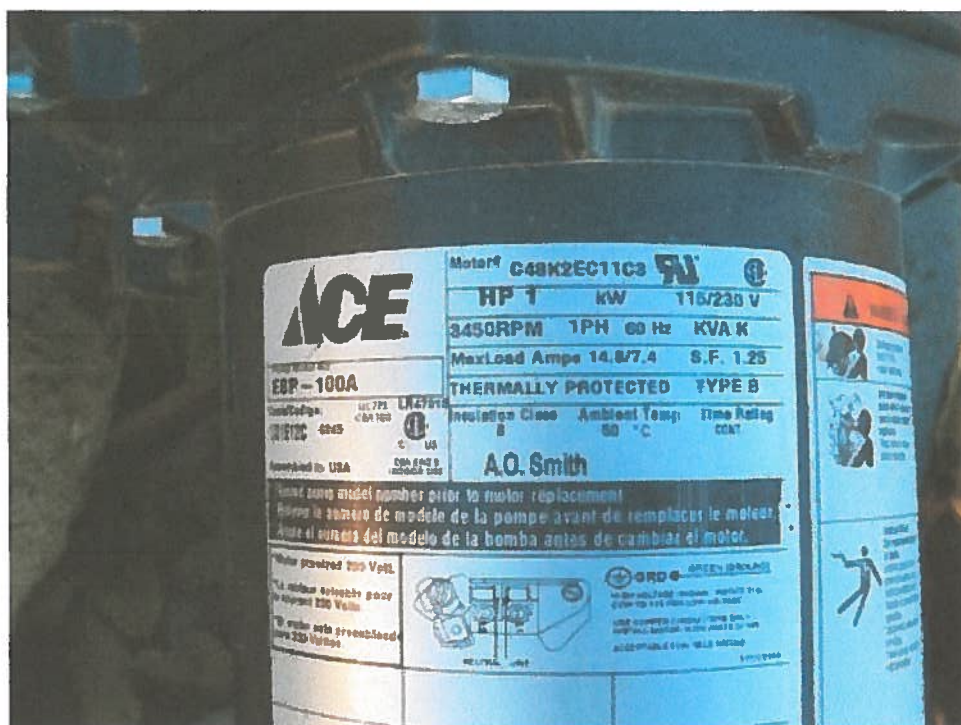
Sorry for the delay, Life has been a bit Crazy lately. Our water is very important to us. Due to construction we have not been able to get to the well for a while. It's my fault but again this is very important. Please let me know if I can do anything else. Things have slowed down a bit. →

11/11/2013 9:11 AM

If you need more pictures I would be glad to take them. Thanks for your patience.

Michael Philpott

P# 208-993-1836



- 1 Hp

- We run 3/4 hose with two small sprinklers - when we use it.

Serial # C48K2EC11C3



Point of Diversion / Pump adapter (2" Line)

1



- In the shot off

