



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

September 25, 2013

US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234

RE: License No. 65-23045

Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources 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 the conditions of approval and remarks listed on your license.

The license 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 by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

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. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-287-4916.

Sincerely,

Craig L. Saxton
Water Rights Supervisor

Enclosure(s)

CERTIFICATE OF SERVICE

I hereby certify that on September 26, 2013, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

RE: WATER RIGHT NO.

65-23045

**US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234**

A handwritten signature in blue ink, reading "Darla Block", is written over a horizontal line.

**Darla Block
Technical Records Specialist**

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
Water Right License

WATER RIGHT NO. **65-23045**

Priority: June 06, 2006

Maximum Diversion Rate: 0.06 CFS
Maximum Diversion Volume: 11.1 AF

It is hereby certified that US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234 has complied with the terms and conditions of the
permit, issued pursuant to Application for Permit dated June 06, 2006; and has submitted Proof of
Beneficial Use on March 01, 2012. An examination confirms water is diverted from:

SOURCE

GROUND WATER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
IRRIGATION	04/15 to 10/31	0.06 CFS	11.1 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L4 (SW1/4NW1/4) Sec. 29, Twp 16N, Rge 03E, B.M. VALLEY County

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
16N 03E 29							X	X									
							L 4	L 9									

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
16N 03E 29							3.1	.6									3.7
							L 4	L 9									

Total Acres: 3.7

CONDITIONS OF APPROVAL

1. Domestic use is for Lake Cascade State Park, Huckleberry Unit. Irrigation of lawn, garden and landscaping associated with the project is authorized under the irrigation component of this right.
2. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the lands above.

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 65-23045

3. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. 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 25th day of September, 2013.



for GARY SPACKMAN
Director

State of Idaho
Department of Water Resources

Attachment To Water Right License

65-23045

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



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

0 0.0225 0.045 0.09 Miles



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

A. GENERAL INFORMATIONPermit No: 65-23045

Exam Date: 12/13/12

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: BOR

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

If No: Address < >

< >

< >

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: C094770

- 4.
- SOURCE
- TRIBUTARY

Groundwater

< >

Method of Determination: well log

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

Comments: 65-8339 & 65-17675 are for domestic & irrigation use in adjacent parcels. 65-7570 is for unnamed stream in Royal Scot #7, Lot 1. 65-17236 & 65-17237 are for domestic uses in Royal Scot #7, Lot 1. 65-12893 is for an unnamed stream on a private parcel. 65-22357 is for Municipal use, Tamarack Resort.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 65-8339 & 65-17675 are for domestic & irrigation use in adjacent parcels. 65-7570 is for unnamed stream in Royal Scot #7, Lot 1. 65-17236 & 65-17237 are for domestic uses in Royal Scot #7, Lot 1. 65-12893 is for an unnamed stream.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SW	NW	29	16N	03E	B.M.	Valley

Method of Determination: well log

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

2. **PLACE OF USE:** Use: Irrigation & 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	
16N	03E	29							3.2	0.5									3.7
		Lot #							4	9									
Total Acres =																			3.7

Method of Determination: GIS Imagery and Shapefile provided by BOR

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

3. ___ 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:

0.02 cfs = 1 inch per acre (IDWR standard) 3.7 acres(0.02 cfs) = 0.07 cfs at 1 inch per acre

Per well drillers report for WellID 352590, per 24 hour, 27 gal/min. pumped.

448.83 is IDWR standard for gal/min to cfs conversion.

27 gal/min divided by 448.83 = 0.06 cfs

see Don Nelson's 8/15/13 email. DBF

would take 1.5 hp pump.

Measurement = **0.06 cfs**

Permit allowed = 0.07 cfs combined.

License recommend for **0.06 cfs**. 0.06 cfs irrigation and 0.04 cfs for domestic.**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

V = (Acres Irrigated) x (Irrigation Requirement) = 3.7 X 3 = 11.1

$$V_{I.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.07 \times 200 \times 1.9835 = 27.7$$

$$V_{D.R.} = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 11.1$$

2. Volume Calculations for Other Uses:

Per Licensing Memo #4, 0.6 afa is to be used for BLM and USFS Campgrounds

License recommend for 0.6 afa for domestic & 11.1 for irrigation.

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes ☐ campground _____

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Campground visible on GIS Imagery.

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

H. NARRATIVE/REMARKS/COMMENTS

No 13,000 gal/day condition on permit hence recommend with a volume.
 Headgate = 3 Cons. Use = 2
 Water District 65

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

I. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
Irrigation	04/15 to 10/31	0.06 CFS	11.1 AF
Domestic	01/01 to 12/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.06 CFS	11.1 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

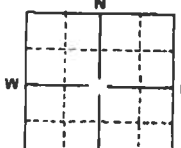
Other: < >

J. AUTHENTICATION

Field Examiner's Name Danille Farnsworth Date 09/25/13Reviewer David A. Nelson Date 9-25-13

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 <u>Bureau of Reclamation</u> Address <u>550 Fort St. Boise</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>18'6"</u> feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																																																												
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☒ Pump ☐ Bailer ☐ Other <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Discharge G.P.M.</th><th>Draw Down</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>27</td><td>16'9"</td><td>8</td></tr><tr><td>27</td><td>16'11"</td><td>16</td></tr><tr><td>27</td><td>17'4"</td><td>24</td></tr></tbody></table>	Discharge G.P.M.	Draw Down	Hours Pumped	27	16'9"	8	27	16'11"	16	27	17'4"	24																																																																																																																
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____ ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>6</td><td>0</td><td>2</td><td>dark brown topsoil</td><td></td><td>X</td></tr><tr><td></td><td>2</td><td>8</td><td>streaks of light & dark brown clay</td><td></td><td>X</td></tr><tr><td></td><td>8</td><td>35</td><td>streaks of blue clay & sand</td><td></td><td>X</td></tr><tr><td></td><td>35</td><td>75</td><td>streaks of blue clay & muddy sand</td><td></td><td>X</td></tr><tr><td></td><td>75</td><td>88</td><td>sticky blue clay</td><td></td><td>X</td></tr><tr><td></td><td>88</td><td>90</td><td>blue, black sand</td><td>X</td><td></td></tr><tr><td></td><td>90</td><td>92½</td><td>blue clay</td><td>X</td><td></td></tr><tr><td></td><td>92½</td><td>94</td><td>blue black sand</td><td>X</td><td></td></tr><tr><td></td><td>94</td><td>94½</td><td>blue clay</td><td></td><td>X</td></tr><tr><td></td><td>94½</td><td>99</td><td>very muddy fine sand</td><td>X</td><td></td></tr><tr><td></td><td>99</td><td>102</td><td>fine white & brown sand</td><td>X</td><td></td></tr><tr><td></td><td>102</td><td>107½</td><td>cemented brown & blue sand</td><td></td><td>X</td></tr><tr><td></td><td>107½</td><td>108</td><td>blue clay</td><td></td><td>X</td></tr><tr><td></td><td>108</td><td>110</td><td>cemented brown & blue sand</td><td></td><td>X</td></tr><tr><td></td><td>110</td><td>114½</td><td>fine to coarse quartz brown sand-muddy-some gravel</td><td>X</td><td></td></tr><tr><td></td><td>114½</td><td>117</td><td>cemented brown & quartz sand</td><td>X</td><td></td></tr><tr><td></td><td>117</td><td>118½</td><td>blue clay</td><td></td><td>X</td></tr><tr><td></td><td>118½</td><td>120'9"</td><td>fine to medium blue black sand-very muddy</td><td></td><td>X</td></tr><tr><td></td><td></td><td></td><td>stainless steel pipe head pipe 92'-97'6" tail pipe 115'9"-120'9"</td><td></td><td></td></tr></tbody></table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	6	0	2	dark brown topsoil		X		2	8	streaks of light & dark brown clay		X		8	35	streaks of blue clay & sand		X		35	75	streaks of blue clay & muddy sand		X		75	88	sticky blue clay		X		88	90	blue, black sand	X			90	92½	blue clay	X			92½	94	blue black sand	X			94	94½	blue clay		X		94½	99	very muddy fine sand	X			99	102	fine white & brown sand	X			102	107½	cemented brown & blue sand		X		107½	108	blue clay		X		108	110	cemented brown & blue sand		X		110	114½	fine to coarse quartz brown sand-muddy-some gravel	X			114½	117	cemented brown & quartz sand	X			117	118½	blue clay		X		118½	120'9"	fine to medium blue black sand-very muddy		X				stainless steel pipe head pipe 92'-97'6" tail pipe 115'9"-120'9"		
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4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other	10. Work started <u>8/13/77</u> finished <u>8/26/77</u>																																																																																																																												
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>120'9"</u> feet Casing schedule: ☐ Steel ☐ Concrete Thickness Diameter From To <u>.288</u> inches <u>6</u> inches + <u>1'6"</u> feet <u>96'6"</u> feet _____ inches _____ inches _____ feet _____ feet _____ 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 Size of perforation _____ inches by _____ inches Number From To _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johnson</u> Type <u>stainless steel</u> Model No. <u>304</u> Diameter <u>5</u> Slot size <u>20</u> Set from <u>97'6"</u> feet to <u>102'10"</u> feet Diameter <u>5</u> Slot size <u>30</u> Set from <u>110'6"</u> feet to <u>115'9"</u> feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>25</u> Material used in seal ☐ Cement grout ☒ Puddling clay ☐ Well cuttings Sealing procedure used ☐ Slurry pit ☒ Temporary surface casing ☒ Overbore to seal depth	11. DRILLERS CERTIFICATION Firm Name <u>W.E. Stevens & Sons</u> Firm No. <u>153</u> Address <u>3709 Hawthorne Drive</u> Date <u>9/29/77</u> Signed by (Firm Official) _____ and _____ (Operator) _____																																																																																																																												
6. LOCATION OF WELL Sketch map location must agree with written location.  Cabarten Recreation Area Cascade Reservoir-West Mt. Subdivision Name <u>North</u> Lot No. _____ Block No. _____ County <u>Valley</u> SW ¼ NW ¼ Sec. <u>29</u> , T. <u>16</u> N. R. <u>3</u> E. ¼	12. ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																																																																												

Process	Basin Sequence	Draft	Owner	Source	POD/POU	16N03E29	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Permit	65-22357	N	TAMARACK RESORT LLC	GROUND WATER	POU								X	X									1
Water Permit	65-23045	N	US DEPT OF INTERIOR	GROUND WATER	POU								X	X									1
Water Right	65-12893	N	JARDINE, ARLENE; JARDINE, JOHN	UNNAMED STREAM	POU								1.0										1
Water Right	65-17075	N	LEE, BERTHA; LEE, EDWARD; TOLSDORF, ROBERT; VEENSTRA, RUTH	GROUND WATER	POU											X							1
Water Right	65-17236	N	KOLAR, EMIL M; KOLAR, GEORGE M; KOLAR, ROSANNE M; KOLAR, SHIRLEY	GROUND WATER	POU								X										1
Water Right	65-17237	N	KOLAR, EMIL M; KOLAR, GEORGE M; KOLAR, ROSANNE M; KOLAR, SHIRLEY	GROUND WATER	POU								X										1
Water Right	65-17675	N	MORROW, GLENN DEE; MORROW, LORENE	GROUND WATER	POU								X										1
Water Right	65-18055	N	DEDERICK, CAROL M	GROUND WATER	POU												X						1
Water Right	65-18571	N	POLLARD, ANDY D; POLLARD, KATHLEEN M	GROUND WATER	POU													X					1
Water Right	65-7570	N	KOLAR, EMIL M; KOLAR, GEORGE M; KOLAR, ROSANNE M; KOLAR, SHIRLEY	UNNAMED STREAM	POU								X										1
Water Right	65-8993	N	MORROW, GLENN DEE; MORROW, LORENE	UNNAMED STREAMS	POU								2.0										2
Water Right	65-9673	N	MAXSON JR, EMERSON; MAXSON, MARQUERITE M	GROUND WATER	POU												X						1

[illegible]

Water Right Search

~~Area~~

WR	~~Lot~~ Notes		WR	~~Lot~~ Notes		WR	~~Lot~~ Notes
65-8993	Irrigation in adjacent parcels, unnamed stream		65-17675	Domestic for same area as 65-8993		65-18055	Not in QQ
65-7570	Royal Scott#7, Lot 1, unnamed stream		65-17236	Royal Scott#7, Lot 1		65-9673	Not in QQ
65-12893	Unnamed stream		65-17237	Royal Scott#7, Lot 1		65-18571	Not in QQ
			65-22357	Municipal		65-17075	Property Desc. In south of NWSW

Well Search

Name	Well ID	Parcel #	Address	Lot		
Joan Wall	291375	RP00376000002B	2341 W MOUNTAIN RD	2		
John Jardine	293141			4	NWNW	
James Barham	293647	RP002360000030	2323 WEST MOUNTAIN RD	3		
Roger Edwards	357085	RP002360000050	2315 WEST MOUNTAIN RD	5	Well in wrong QQ	
WG Wisthusin	370584				SENE	
Bernard Dederick	390235				NENE	
Bernard Dederick	350748				NENE	
US Dept. Interior	352590		IDPR HUCKLEBERRY CAMPGROUND WELL #1			

Favreau, Danielle

From: McGarry, Elizabeth [emcgarry@usbr.gov]
Sent: Tuesday, July 30, 2013 3:23 PM
To: Favreau, Danielle
Subject: 65-23045 Huckleberry Lake Cascade Campground
Attachments: Huckleberry Campground Map Water right 65-23048 (5).pdf; Huckleberry Campground Water right 65-23045 (1).docx; Picture 65-23045 Huckleberry.JPG

Attached is info on Huckleberry. There is no underground sprinkler system for the laws area. And all spigots can be on at the same time.

Gail

E. Gail McGarry
Program Manager Water Rights and Acquisition
PN-3100, Bureau of Reclamation Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, ID 83706
208-378-5306



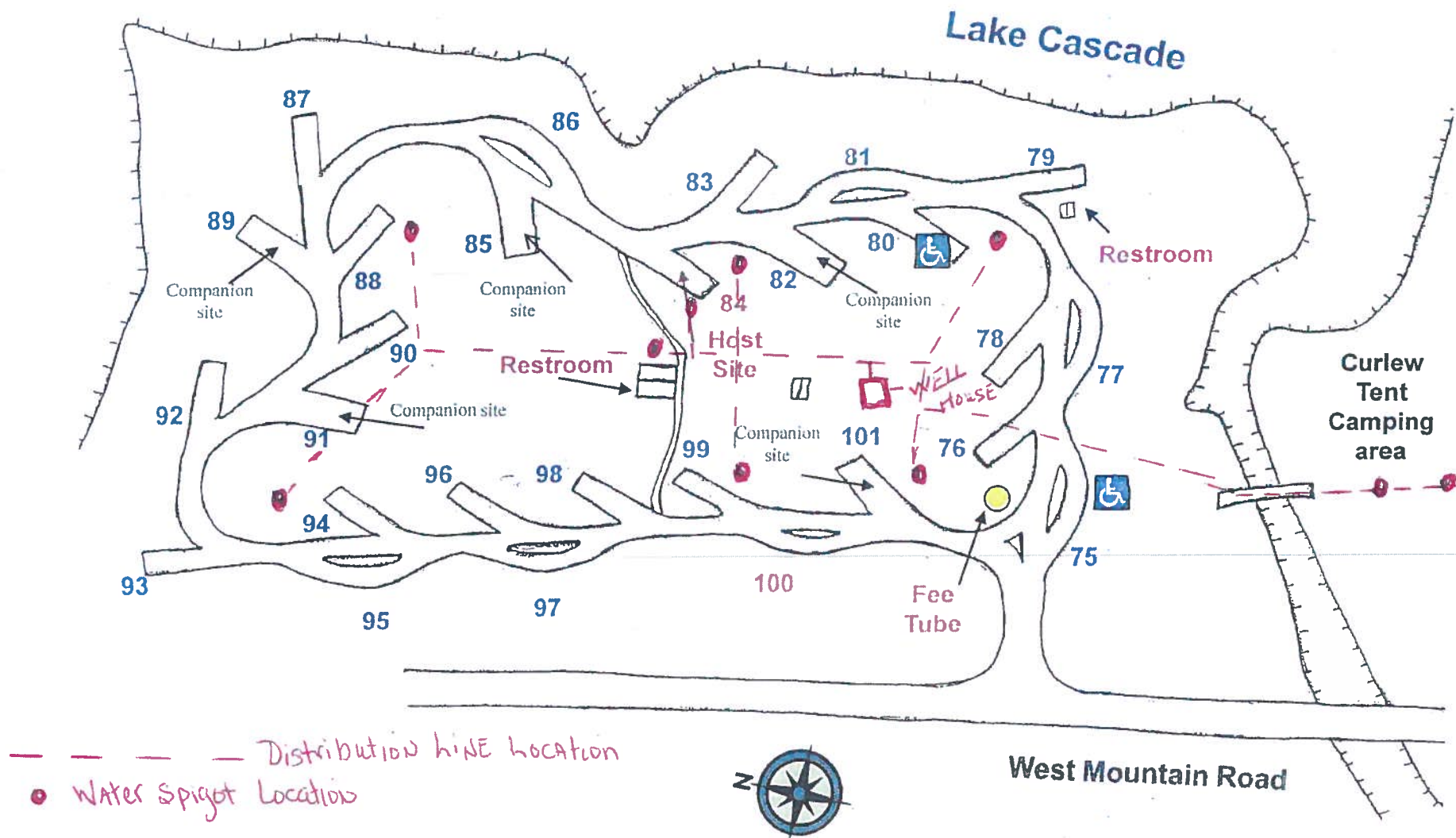
Huckleberry Campground

Potable Water System

July 30, 2013

1. Water is extracted from the aquifer via a standard in ground, -in casing pump attached with a pit-less adapter inside the well house.
2. From the pump the water is pipe to the main water line that runs out of the well house located in the middle of Huckleberry Campground. The physical address of Huckleberry Campground is 2290 West Mountain Road, Donnelly, Idaho. The nearest cross street is Franks Road and the Longitude/Latitude is 116.12473 44.69647.
3. Once the water is pump from the well is enters a galvanized piping to a 5 gallon pressure tanks, and has the cross connect and prv safety features which the health department recommends. In addition, on the north side of the well house, is the electrical control panel and pump start relays for the well pump.
4. Exiting the well house the water is piped to 8 different water spigots throughout Huckleberry Campground and piped over the foot bridge to 2 water spigots in Curlew Campground.
5. The distribution line runs north to the most northern water spigot and continues south to serve the most southern water spigot and crosses the foot bridge south to Curlew Campground to serve 2 water spigots located in the middle of the campground.
6. All water spigots have anti-siphon hose connections attached to them as required by Department of Environmental Quality and Health Department.

Huckleberry Campground



Favreau, Danielle

From: Nelson, Dan
Sent: Thursday, August 15, 2013 8:14 AM
To: Favreau, Danielle
Subject: RE: 65-23046, 65-23047, 65-22722

Danielle,

This information is very limited. Having the horsepower for the pump would be the ideal situation. However, if she doesn't have it, then I think we just have to go with what we have.

65-23045 – well log has a pump test at 27 gpm. $27 \text{ gpm} / 448.8 = 0.06 \text{ cfs}$. This matches the specs she sent in asking the pump installer to keep the well to 30 gpm. Using the well log for pumping water level, I calculated that they would need a 1.5 Hp pump to get 27.8 gpm. This seems reasonable.

65-23046 – I couldn't find a well log, and the well information she provided for section 32 was for a different 40 acre tract. I found the well log for the information she provided, but that well was drilled in 1977. I don't have any information on the well for this water right. However, if she wants to limit this well to 30 gpm, we could reduce her water right to that amount. That would give her 0.07 cfs for irrigation, 0.04 cfs for domestic, and a total of 0.07 cfs.

65-22722 – The application for permit on this one states that 0.5 Hp pump will be used to deliver a .5 gpm yield. One of the three well logs show a 0.5 gpm yied at 198 feet, with a static of 5.2 feet. If you do WAG (Wild Assuming Guess) pumping level of 97 feet. That would provide 0.01 cfs, which is the minimum amount we could give.

I would email her back and ask if she would accept the following diversion rates:

65-23045 – 0.06 irrigation – 0.04 cfs domestic – 0.06 total

65-23046 – 0.06 irrigation – 0.04 cfs domestic – 0.06 total

65-22722 – 0.01 irrigation – 0.01 cfs domestic – 0.01 total

I would tell her that with the information that you were given, this is the best that you can do without the **well horsepower and the actual well logs** for the wells associated with 65-23046 and 65-22722. Tell her you will try to run it by your Bureau Chief, and see if he will bite off on these, but the information is pretty weak. If she is agreeable, I suggest we run these numbers by Shelley and see if he will go for them.

That is the best that I can offer right now. I hope this helps. You can pass this email onto her if you like.

Daniel A. Nelson
Staff Hydrologist
Idaho Department of Water Resources
Telephone # (208) 287-4856
Fax (208) 287-6700 (C/O Dan Nelson)

From: Favreau, Danielle
Sent: Thursday, August 15, 2013 6:36 AM
To: Nelson, Dan
Subject: FW: 65-23046, 65-23047, 65-22722