

[illegible]

Method of Determination: Arc Map (Aerial Photo)

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 ID No.*</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>
D0048328	Unknown	1		Unknown	(1 ¼")

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Pitot Tube						

2. Measurements: Pitot Tube. Pressure measurement of 50 psi.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: (Theoretical)

$$Q = 8.8 \times 0.7 \times 1/88 + (2.31 \times 50) = 6.16/203.50 = 0.03 \text{ cfs}$$

$$Z = 88' \text{ (Assumed)}$$

$$P = 50 \text{ psi}$$

Appears system is not capable of attaining the permit diversion rate of 0.08 cfs. It does appear that the system is capable of meeting the domestic diversion rate of 0.04 cfs for one home. Therefore, recommend a diversion rate of 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS**WATER SUPPLY SYSTEM:**

A ground water well with a 1-hp submersible pump provides water for domestic use for one home located on Lot 73, Payette Lake Cottage Sites, and serves as a backup water source for one home Located on Lot 74. Both homes are owned by the right holder's. Lot 74, Payette Lake Cottage Sites, has its own well, but apparently has sand pumping issues.

IRRIGATION SYSTEM:

The pressurized irrigation system is comprised of 10 stations with pop-up sprinklers to irrigate the lawn and landscaping for Lot 73.

OVERLAP ANALYSIS:

Water Right Permit No. 65-23317 and Water Right Permit No. 65-23132, provide a well as a backup source of water for Lot 74, Payette Lakes Cottage Sites. The well associated with Water Right Permit No. 65-23317 is the primary backup water source for Lot 74. The well associated with Water Right Permit No. 65-23132 is plumbed to Lot 74, but is not the primary backup water source for Lot 74.

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

RATE &/OR STORAGE RECOMMENDED FOR LICENSING

Description	Rate of Flow (cfs)		Storage (af)
Permit Amount	0.08	&/or	N/A
Beneficial Use Limit	0.08	&/or	N/A
System Measurement	0.03(theoretical)	&/or	N/A
Proof Fee Amount	0.20	&/or	N/A
Recommended Amount	0.04	&/or	N/A

H. 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	0.040 CFS	N/A
<u>Totals:</u>		0.040 CFS	N/A

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above ___ None

___ Change P.U. as reflected above X Add P.U. as reflected above ___ Other

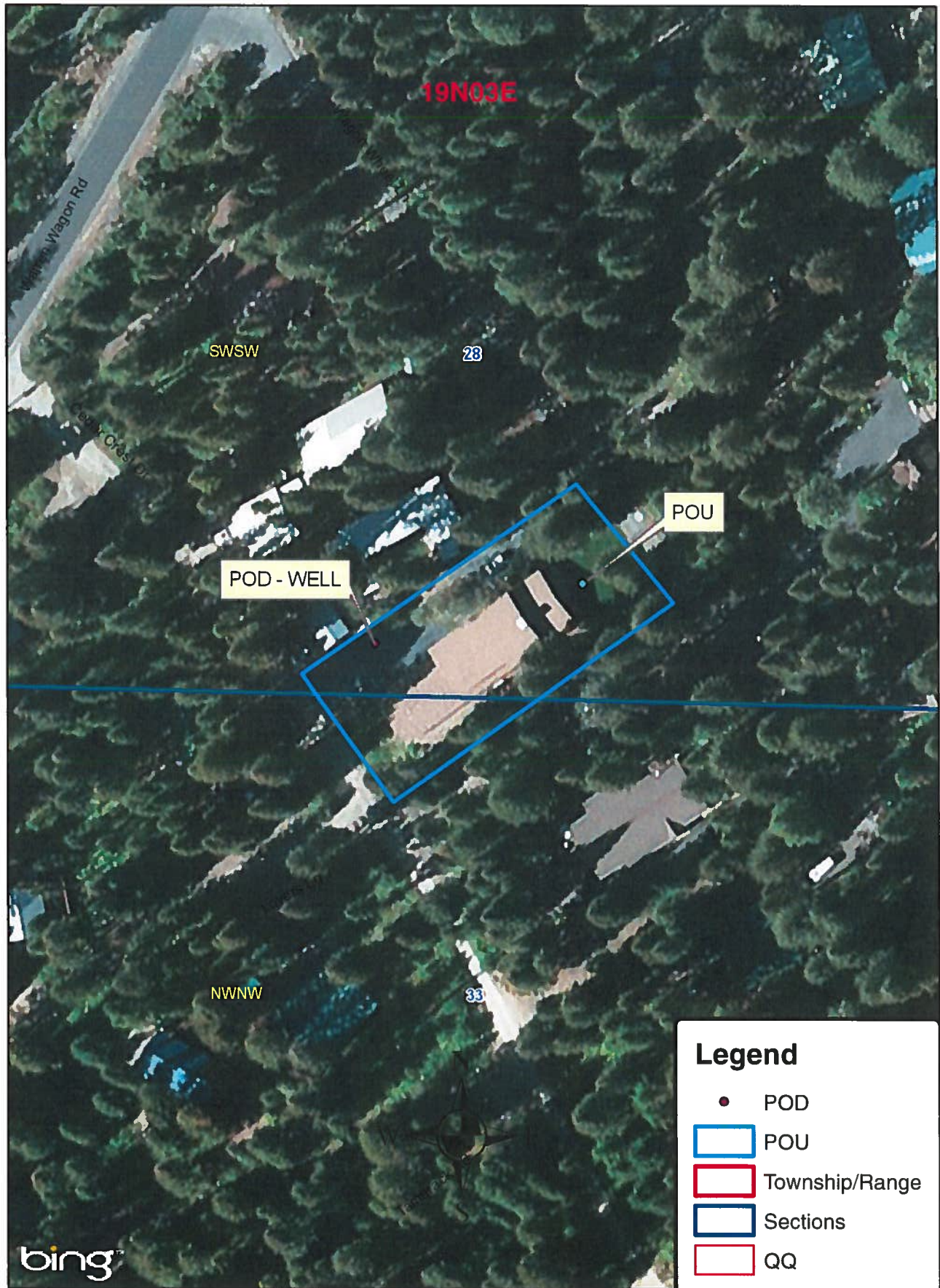
I. AUTHENTICATION

Field Examiner's Name Rick Collingwood Date 12/12/12

Reviewer _____ Date _____

65-23317
Gov't. Lot 4

BING AERIAL PHOTO - 2011



Legend

- POD
- POU
- Township/Range
- Sections
- QQ

0 25 50 100 150 200
Feet

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
PRIVATE CLAIMS
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DM ID: [39949](#) | Survey Type: [Original Survey](#) | State: [Idaho](#)

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Sheet: [1](#) | Description: ---

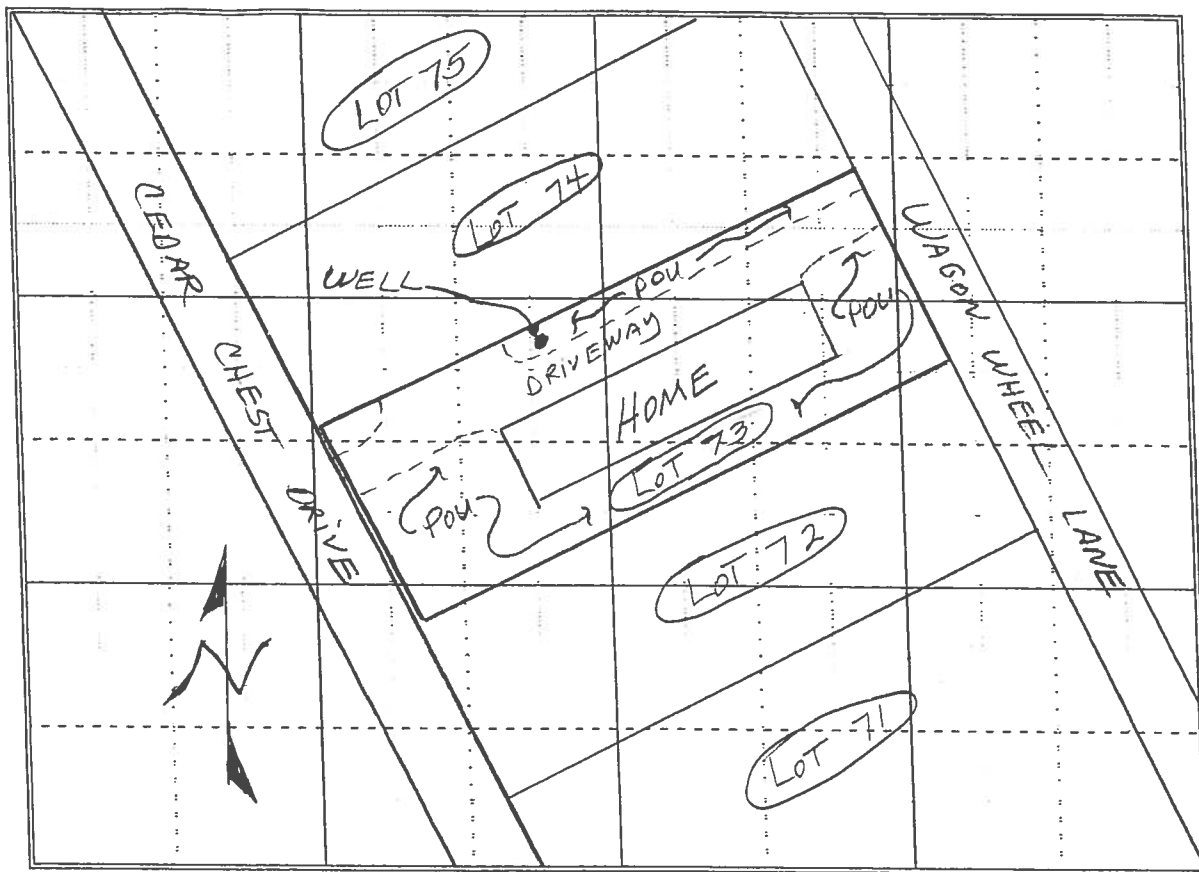
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Scale: 1" = NTS

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

65

Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D D0048328
DRILLING PERMIT NO. _____
Water Right or Injection Well No. _____

2. OWNER:

Name MARK DALY
Address 1025 GLEN HAVEN
City BOISE State ID Zip 83705

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well

Twp. 19 North ☒ or South ☐
Rge. 3 East ☒ or West ☐
Sec. 28 SE 1/4 SW 1/4 SW 1/4
Gov't Lot _____ County VALLEYLat: 44° 56' 55.3" Long: 116° 06' 12.4"
Address of Well Site 993 WAGON WHEEL Rd.City MCCALL

(Give at least name of road + distance to Road or Landmark)

Li. 73 Blk. _____ Sub. Name PAYETTE COTTAGES Sites

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>BENTONITE</u>	<u>0</u>	<u>18</u>	<u>450 lbs</u>	<u>OVER GORE</u>

Was drive shoe used? ☒ ☐ N Shoe Depth(s) 93Was drive shoe seal tested? ☒ ☐ N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6"</u>	<u>+2</u>	<u>93</u>	<u>.125</u>	<u>STEEL</u>	☒	☐	☒	☐
<u>4"</u>	<u>23</u>	<u>93</u>	<u>.125</u>	<u>PVC</u>	☐	☒	☐	☒

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☐ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method TORCHScreen Type & Method of Installation CERTALOCK SET IN

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>83</u>	<u>93</u>	<u>1/4"</u>	<u>20</u>	<u>6"</u>	<u>STEEL</u>	☒	☐
<u>83</u>	<u>93</u>	<u>.020</u>		<u>4"</u>	<u>PVC</u>	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
<u>8-16 SAND</u>	<u>77</u>	<u>93</u>	<u>200 lbs</u>	<u>POURED</u>

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

14 ft. below ground Artesian pressure _____ lb.
Depth flow encountered 85 ft. Describe access port or control devices: _____SANITARY WELL CAP

847520
Office Use Only
Well ID No. 417508
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: _____ Long: _____

12. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal / min	Drawdown	Pumping Level	Time
<u>60</u>		<u>80'</u>	<u>1 Hr.</u>

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

16' Depth first Water Encounter

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>10</u>	<u>0</u>	<u>1</u>	<u>TOP SOIL</u>		☒
<u>10</u>	<u>1</u>	<u>16</u>	<u>SANDY TAN Clay</u>		☒
<u>10</u>	<u>16</u>	<u>18</u>	<u>SAND w/ PEAGRAVEL</u>	☒	
<u>6</u>	<u>18</u>	<u>42</u>	<u>SAND w/ PEAGRAVEL</u>	☒	
<u>6</u>	<u>42</u>	<u>43</u>	<u>TAN Clay</u>		☒
<u>6</u>	<u>43</u>	<u>47</u>	<u>FINE BROWN SAND</u>	☒	
<u>6</u>	<u>47</u>	<u>62</u>	<u>FINE BLUE SAND</u>	☒	
<u>6</u>	<u>62</u>	<u>84</u>	<u>RED SAND & GRAVEL</u>	☒	
<u>6</u>	<u>84</u>	<u>85</u>	<u>BLUE Clay</u>		☒
<u>6</u>	<u>85</u>	<u>93</u>	<u>BLUE SAND & GRAVEL</u>	☒	
<u>6</u>	<u>93</u>		<u>BLUE Clay</u>		☒

RECEIVED

JUL 13 2007

WATER RESOURCES
WESTERN REGIONCompleted Depth 93' (Measurable)Date Started 7-10-07 Completed 7-11-07

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name MEVASCO Drilling Firm No. 391Principal Driller [Signature] Date 7-12-07

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.

Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

FIELD EXAM PHOTOS

Water Right Permit: 65-23317

Field Exam Date: 8-30-12

PLS: SW1/4, SW1/4 Section 28, T.19N, R.03E.

Field Examiner: RC



Place of Use: View westerly of irrigation of the lawn and landscaping behind home.



Place of Use: View westerly of lawn and landscaping in front of home.



Place of Use: View southwesterly of right holder's home.

Walker, Kay

From: Walker, Kay
Sent: Friday, January 11, 2013 10:57 AM
To: vsdaly@gmail.com
Cc: Walker, Kay
Subject: Rt. 65-23317

Pursuant to our telephone conversation this morning:

There should be no problem in drilling an additional well on Lot 74 if you should decide to sell that property. Since Rt. 65-23317 covers use of water for 2 homes, if another well is drilled a portion of this water right would be allocated to the "new" well. If you want to add another well an application for transfer would need to be submitted prior to obtaining a drilling permit. The approved transfer would allow you to add a well to your water right and a split of this right between the houses should occur.

I hope this resolves your concerns in this matter.

KAY WALKER

Sr. Water Resource Agent
334-2190



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

December 19, 2012

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

MARK DALY &/or VICKIE DALY
1025 GLEN HAVEN DR
BOISE ID 83705

RE: Water Right Permit No. 65-23317

Dear Permit Holders:

The Department of Water Resources is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. The examiner who verified your water use reported that certain elements of the permit have been developed differently than described on your permit. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Section 42-211, Idaho Code. Before a license can be issued, your permit must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the place of use was developed differently than described on your permit. Please see the enclosed layouts. One of them is on a 2009 aerial photo and the other is a bing aerial.

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented, please sign the form and return it with the \$100.00 filing fee within 14 days.

If you have any questions, please call me at 334-2190.

Sincerely,

A handwritten signature in black ink that reads "Kay Walker". The signature is written in a cursive, flowing style.

KAY WALKER
Sr. Water Resource Agent

Enclosures



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

August 8, 2012

Mark & Vickie Daly
1025 Glen Haven Drive
Boise, ID 83705

RE: Scheduling Field Exam for Water Right Permit No. 65-23317

Dear Mr. & Mrs. Daly:

We are planning to **conduct water right field examinations** in the vicinity of the above-referenced permit **on August 29, 30, & 31, 2012**. An examination is needed to verify your water use in order to issue a water right license.

Please be advised that you will need to operate your system under normal operating conditions during the examination. The permit authorizes the diversion of 0.08 cfs of ground water for domestic use of 2 homes.

In order to conduct your exam as efficiently as possible, we ask that you call this office to schedule a day and time convenient for you. **Please call me at 208-334-2190 by August 17, 2012, to conduct the exam on August 29, 30, or 31, 2012.** If there is a problem with scheduling or conducting the examination at this time, please let me know so we can reschedule or make other arrangements.

I appreciate your attention to this matter and I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Rick Collingwood". The signature is written in a cursive, flowing style.

Rick Collingwood, P.E.
Water Resource Agent, Sr.