



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 6, 2012

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

DEANNA LEWIS
4605 W FIREBREAK LN
KUNA ID 83634

RECEIVED

DEC 11 2012

WATER RESOURCES
WESTERN REGION

RE: Permit No. 63-33121

Dear Mrs. Lewis:

A Department field examiner recently conducted an inspection of the development under the above referenced permit. It was found that Mr. Lewis had recently passed away and the examiner recommended that we remove his name from the permit before a license was issued. Because a water right permit is considered personal property we cannot just remove his name from the permit. The Department will accept a signed letter from you, along with a copy of his death certificate, as sufficient evidence to remove his name. There is no form or filing fee required to accomplish this if you wish to do so.

We will withhold further action on licensing this permit for 14 days in order to allow you enough time to submit the information. If we don't receive the information within this time period we will forward the permit for licensing with both names shown on the document. If you have any questions in regard to this matter, or need additional time to submit the paperwork, please feel free to contact me at 334-2190.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

*My husband has passed away
See attached.*

*Thank you
Deanna C Lewis*

STATE OF IDAHO
CERTIFICATION OF VITAL RECORD

STATE OF IDAHO
IDAHO DEPARTMENT OF HEALTH AND WELFARE
BUREAU OF VITAL RECORDS AND HEALTH STATISTICS
CERTIFICATE OF DEATH

DEC 11 2011

WATER RESOURCES
WESTERN REGION

Date Filed **DECEMBER 05, 2011**

State File No. **2011-10771**

DECEDENT - LEGAL NAME ALBERT WHEELER LEWIS			
SEX MALE	SOCIAL SECURITY NUMBER [REDACTED]	AGE 87 YEARS	DATE OF BIRTH APRIL 20, 1924
BIRTHPLACE MERIDIAN, IDAHO		PLACE OF RESIDENCE KUNA, IDAHO	
MARITAL STATUS AT TIME OF DEATH MARRIED		NAME OF SURVIVING SPOUSE (If wife, maiden name) DEANNA STUART	WAS DECEDENT EVER IN U.S. ARMED FORCES? YES
FATHER - NAME LESTER LEWIS			BIRTHPLACE IDAHO
MOTHER - MAIDEN NAME CLARA WHEELER			BIRTHPLACE COLORADO
METHOD OF DISPOSITION CREMATION		FUNERAL SERVICE LICENSEE STEVEN L. GORDON	
NAME AND ADDRESS OF FUNERAL FACILITY ALDEN-WAGGONER FUNERAL CHAPEL, BOISE, IDAHO			
DATE OF DEATH NOV. 30, 2011	TIME OF DEATH 7:07 P.M.	CITY, TOWN OR LOCATION OF DEATH KUNA, IDAHO	COUNTY OF DEATH ADA
CAUSE OF DEATH (underlying cause last) a CONGESTIVE HEART FAILURE - ISCHEMIC			Approximate Interval Between Onset and Death DAYS
DUE TO (or as a consequence of) b CORONARY ARTERY DISEASE			YEARS
DUE TO (or as a consequence of) c			
DUE TO (or as a consequence of) d			
OTHER SIGNIFICANT CONDITIONS CONTRIBUTING TO DEATH but not resulting in the underlying cause given above ATRIAL FIBRILLATION AND COPD			WAS AN AUTOPSY PERFORMED? NO
MANNER OF DEATH NATURAL	NAME OF CERTIFIER WILLIAM G. WEPPNER, M.D.		TITLE PHYSICIAN
CORONER SUBSEQUENT CERTIFICATION IF NECESSARY			
EXTERNAL CAUSES ONLY			
DATE OF INJURY	TIME OF INJURY	PLACE OF INJURY	INJURY AT WORK?
LOCATION WHERE INJURY OCCURRED			
DESCRIPTION OF HOW INJURY OCCURRED			

This is a true and correct reproduction of the document officially registered and placed on file with the IDAHO BUREAU OF VITAL RECORDS AND HEALTH STATISTICS.

DATE ISSUED: **DECEMBER 05, 2011**

This copy not valid unless prepared on engraved border displaying state seal and signature of the Registrar.

PERC-1 (REV) 07/10

James B. Aydelotte
JAMES B. AYDELOTTE
STATE REGISTRAR





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Sincerely,

KAY WALKER
Sr. Water Resource Agent

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-33121

Exam Date: 10/26/2012

1. Current Owner: DEANNA LEWIS
4605 W FIREBREAK LN
KUNA ID 83634
(208)342-0959
2. Accompanied by: Deanna (Chris) Lewis
Phone No: Same
Address: Same
Relationship to Permit Holder: Same – Property Owner

3. SOURCE TRIBUTARY
GROUND WATER N/A

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
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 NW1/4NE1/4 Sec. 17, Twp 01N, Rge 02E, B.M.
ADA County

Method of Determination: GPS Location N43° 25.770' W116° 14.379' Garmin model GPSmap 76 Datum NAD 83

2. PLACE OF 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	
01N	02E	17		X															

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	02E	17		X															

Method of Determination: Bing (2011) Aerial Photography w/ field verification.

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. Well or Diversion

ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
WC Tag D0042070	Goulds	3	unknown	Goulds	Model 18GS30-432 – 1.25" discharge

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

D. FLOW MEASUREMENTS1. Measurement Equipment

<u>Type</u>	<u>Make/Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
No physical measurement @ exam	N/A	N/A	N/A	N/A

See Flow Calculations Section below for Theoretical HP Equation & Pump Curve Flow Estimations.

2. Measurements: Piping from well not suitable (buried) for polysonic measurement.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: Theoretical HP Equation:

HP = 3

PSI = 40 (est. domestic system)

Z = 348 ft [pump @ 358 ft – est. pumping level 10 ft above pump depth for small (<10 hp) system]

 $Q = (8.8 \times 0.7 \times \text{HP}) / [Z + (2.31 \times \text{PSI})] = (8.8 \times 0.7 \times 3) / [348 + (2.31 \times 40)] = 0.04 \text{ cfs}$ est. capacity of pumping system**Measured Method: Pump Curve (attached):**TDH ≈ 440 ft [per HP Equation est. above $[348 + (2.31 \times 40)]$] → Q ≈ 18 gpm = **0.04 cfs** est. pump capacityTheoretical HP Equation est. capacity of pumping system = **0.04 cfs**Pump Curve est. pump capacity = **0.04 cfs**Permitted Rate = **0.06 cfs**Beneficial Use Limit = 0.04 cfs [dom internal & external] + 0.02 cfs [stock – 9 head (7 horses + 2 range cattle)] = **0.06 cfs**Proof of Beneficial Use fee paid = \$50.00 = up to **0.20 cfs****Recommend Domestic Rate = 0.04 cfs based on Beneficial Use Limit****Recommend Stockwater Rate = 0.02 cfs based on Beneficial Use Limit****Recommend Est. System Capacity Rate for Total Rate = 0.04 cfs**

Highest rate allowable based on theoretical HP equation & pump curve system capacity estimations. Reasonable to allow up to total system capacity of 0.04 cfs for each individual use considering uses do not necessarily occur simultaneously.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: **N/A**
2. Volume Calculations for Domestic & Stockwater Uses: **N/A for I.C. §42-111 type use**

G. NARRATIVE/REMARKS/COMMENTS**SYSTEM DESCRIPTION & POU SHAPES:**

System consists of a 6 in dia well with 1.25 in discharge piped to home (internal use) and various outside faucets for sprinkler irrigation of lawn and filling of portable stockwater troughs. The stockwater troughs (once filled from outside faucets near the property's outbuildings) are moved to various locations where cattle and horses graze on property. Stockwater POU shape drawn to depict area where stockwater troughs are filled from the faucets. Domestic POU shape drawn around home, outbuildings, and lawn where water used for domestic internal and external purposes.

WATER RIGHT OWNERSHIP:

Right permitted in the name of Deanna and/or Albert Lewis. Albert (Deanna's husband) has since passed away. Deanna requested Albert be removed from the water right at time of licensing. Considering the permit was issued with a name connector of "and/or" and the Ada Co taxlot data indicates Deanna Christine Lewis is the sole owner of the property, it seems reasonable to remove Albert per Deanna's request without requiring additional forms and/or documentation from Deanna.

COMPLIANCE WITH PERMIT CONDITIONS:

Permit conditioned that stockwater use is for 25 head cattle and horses. Owner has up to 2 range cattle and 7 horses. To the best of my knowledge, owner has complied with all other permit conditions.

Have conditions of permit approval been met? X Yes No

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	0.04 CFS	N/A
STOCKWATER	01/01 to 12/31	0.02 CFS	N/A
<u>Totals:</u>		0.04 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 ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name



Date

12/6/2012

Reviewer

Date

63-33121 Beneficial Use Field Report System Diagram & Map

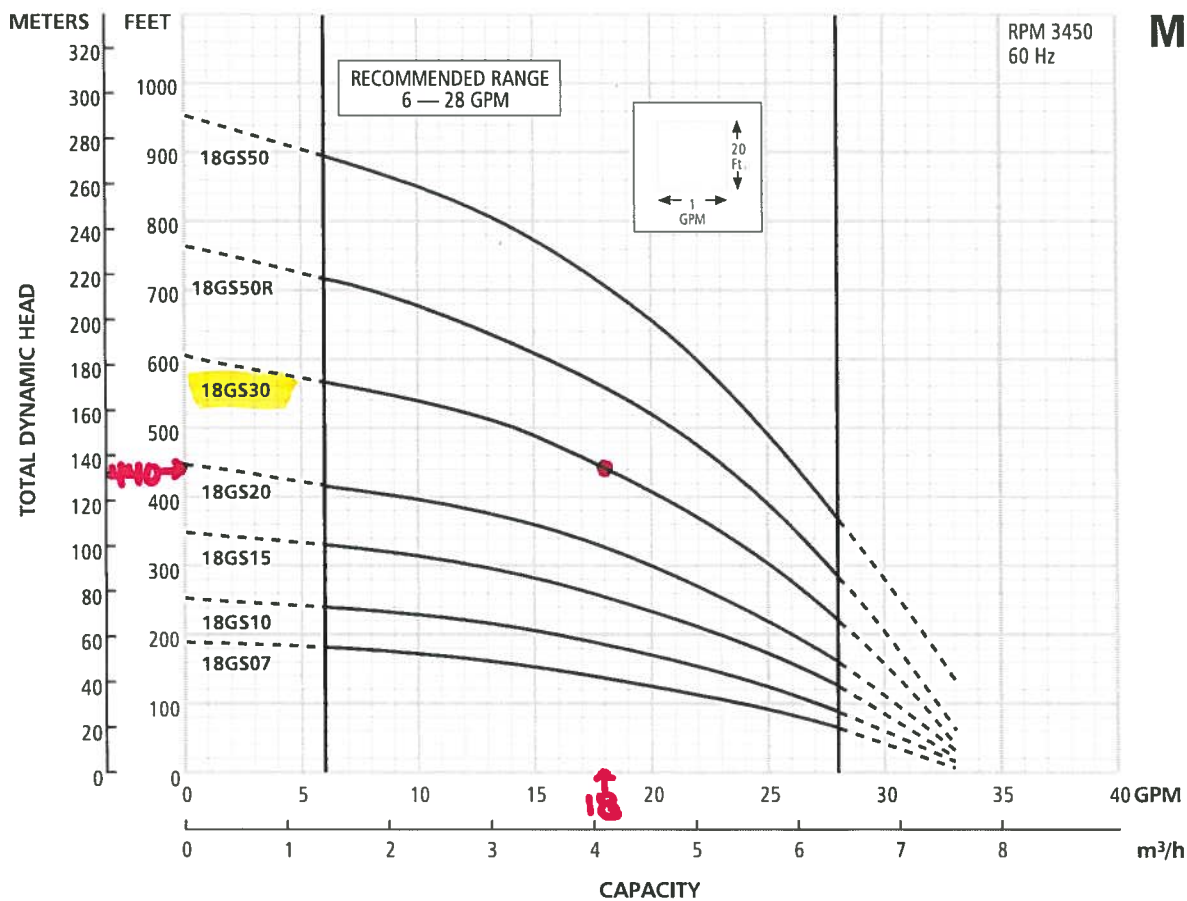
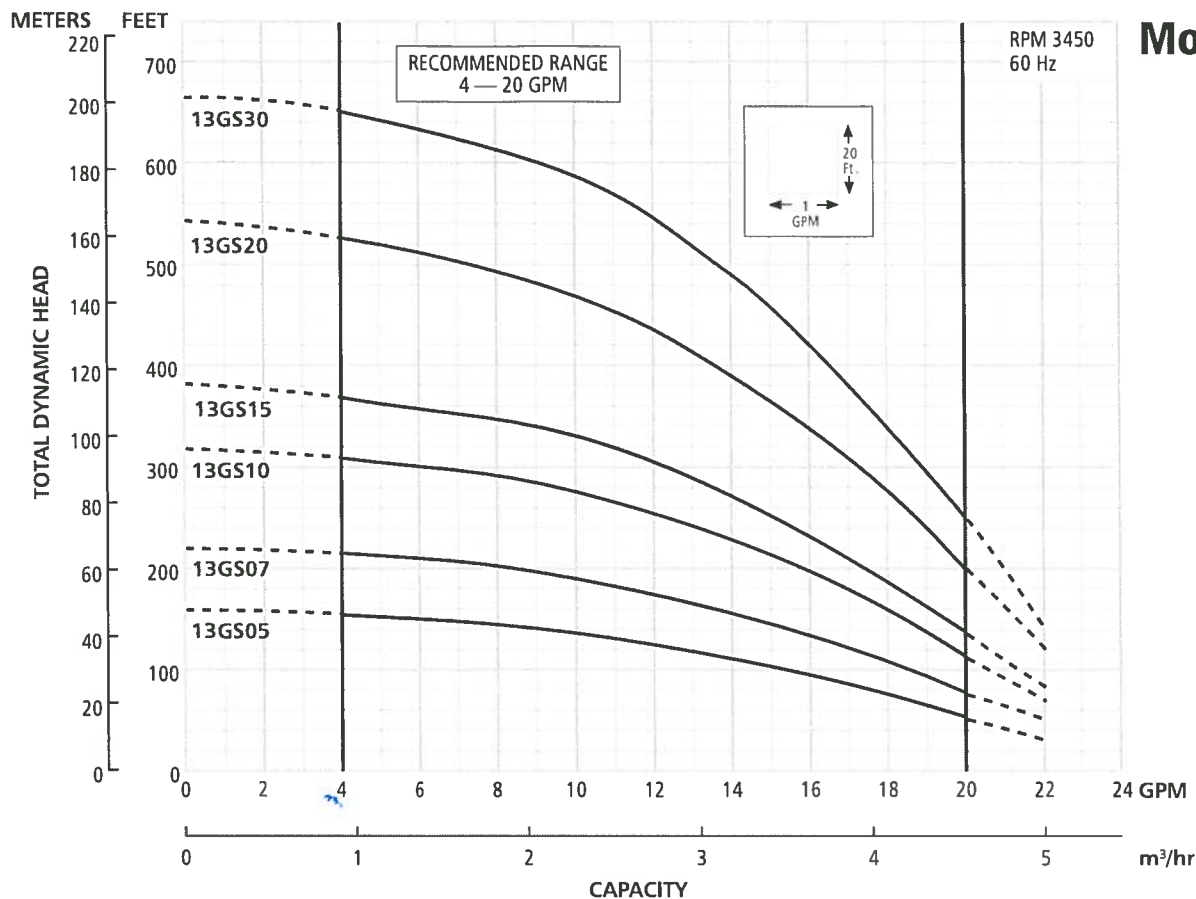
R02E



0 0.05 0.1 0.2 Miles

-  Point of Diversion
-  Domestic POU
-  Stockwater POU
-  Townships
-  PLS Sections
-  Quarter Quarters





Model 18GS

SELECTION CHART

Horsepower Range $\frac{3}{4}$ – 5, Recommended Range 6 – 28 GPM, 60 Hz, 3450 RPM

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																															
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860			
18GS07	¾	0			28.2	26.5	24.0	21.0	17.9	13.5																								
		20	27.7	25.9	23.0	20.0	16.5	10.8																										
		30	25.0	22.0	18.8	15.7	9.5																											
		40	22.2	18.9	15.1	9.0																												
		50	18.4	15.0	7.5																													
		60	13.5	5.0																														
Shut-off PSI			74	66	58	49	40	32	23	14																								
18GS10	1	0					27.0	25.5	23.6	21.2	18.8	15.9	12.0																					
		20		28.0	26.6	25.1	22.7	20.0	17.6	14.0	10.0																							
		30	27.9	26.1	24.3	22.2	19.8	17.1	13.8	8.3																								
		40	26.0	24.1	22.0	19.7	17.0	13.1	8.0																									
		50	24.0	22.0	19.1	16.5	13.0	7.1																										
		60	21.0	18.6	15.8	12.0																												
Shut-off PSI			103	94	86	77	68	60	51	42	34	25	16																					
18GS15	1½	0						28.4	27.2	26.0	24.8	23.0	21.4	19.6	17.5	15.0	12.1																	
		20					27.8	26.8	25.4	24.0	22.2	20.6	18.8	16.7	14.0	10.0																		
		30				27.7	26.5	25.3	23.8	22.0	20.2	18.5	16.1	13.5	10.0																			
		40		27.5	26.3	25.0	23.6	22.0	20.1	18.1	16.0	13.1	9.5																					
		50	27.6	26.4	25.0	23.4	21.8	20.0	18.0	15.5	13.0	9.2																						
		60	26.0	24.6	23.0	21.2	19.5	17.5	15.0	12.0	7.9																							
Shut-off PSI			143	134	126	117	108	100	91	82	74	65	56	48	39	30	22																	
18GS20	2	0							28.0	27.1	26.2	25.1	24.0	22.9	21.4	20.0	16.8	12.8																
		20						27.8	26.8	25.8	24.6	23.7	22.6	21.0	19.5	18.0	16.0	11.6																
		30						27.5	26.5	25.5	24.5	23.3	22.1	20.6	19.0	17.5	15.8	13.6	6.5															
		40			28.5	27.4	26.4	25.4	24.4	23.2	22.0	20.5	18.9	17.4	15.7	13.5	11.0																	
		50	28.0	27.2	26.2	25.3	24.3	23.0	21.8	20.3	18.7	17.0	15.3	13.1	10.5	6.0																		
		60	28.0	27.1	26.2	25.1	24.0	22.9	21.4	20.0	18.3	16.8	14.8	12.8	9.5																			
Shut-off PSI			183	174	165	157	148	139	131	122	113	105	96	87	79	70	61	44	27															
18GS30	3	0											28.0	27.4	26.7	26.0	25.0	23.5	21.5	19.2	16.9	14.2	10.5											
		20										27.7	27.0	26.3	25.8	24.9	24.0	23.0	21.0	18.9	16.5	13.5	9.0											
		30										27.6	26.9	26.2	25.5	24.8	23.9	22.9	21.9	19.8	17.5	14.9	11.2											
		40										27.5	26.9	26.2	25.4	24.6	23.8	22.8	21.8	20.9	18.5	16.0	13.3	8.0										
		50										27.4	26.8	26.0	25.2	24.5	23.6	22.6	21.7	20.6	19.5	17.3	14.5	11.0										
		60				28.0	27.4	26.7	26.0	25.0	24.3	23.5	22.5	21.5	20.5	19.2	18.0	15.7	12.8	7.0														
Shut-off PSI						225	216	208	199	190	182	173	164	156	147	139	130	113	95	78	61	43	26											
18GS50R	5	0															27.7	26.6	25.4	24.0	22.5	20.8	19.0	16.9	14.5	11.7	8.1							
		20														27.6	27.0	26.4	25.2	23.8	22.2	20.5	18.7	16.6	14.1	11.2	7.4							
		30												28.0	27.5	26.9	26.3	25.7	24.4	22.9	21.3	19.5	17.5	15.2	12.5	9.1								
		40												27.9	27.4	26.8	26.2	25.6	25.0	23.5	22.0	20.3	18.4	16.2	13.7	10.6	6.7							
		50											27.9	27.3	26.7	26.1	25.5	24.8	24.1	22.7	21.0	19.2	17.2	14.8	12.0	8.5								
		60									27.8	27.2	26.7	26.1	25.4	24.7	24.0	23.3	21.7	20.0	18.1	15.9	13.3	10.1	6.0									
Shut-off PSI										261	252	244	235	226	218	209	200	183	166	148	131	114	96	79	62	44	27							
18GS50	5	0																27.9	26.8	25.8	24.8	23.7	22.6	21.2	19.9	18.4	16.8	14.8	12.4	9.7				
		20																27.5	26.6	25.6	24.5	23.3	22.2	21.0	19.8	18.0	16.2	14.3	12.0	8.8				
		30																	28.0	26.9	26.0	25.0	23.9	22.9	21.6	20.3	18.6	17.0	15.0	13.0	10.2	6.2		
		40																28.0	27.4	26.3	25.3	24.4	23.2	22.1	20.1	19.4	17.9	16.0	14.0	11.6	8.0			
		50															27.9	27.3	26.8	25.9	24.9	23.8	22.7	21.3	20.1	18.5	16.9	14.9	12.8	10.0	6.0			
		60													27.9	27.2	26.8	26.2	25.2	24.1	23.0	21.9	20.7	19.2	17.5	15.8	13.6	11.0	7.8					
Shut-off PSI															307	298	290	281	264	246	229	212	195	177	160	143	125	108	91	73	56	39		

63-33121 Beneficial Use Field Report Photos



63-33121 Exam 10/26/2012: POD well facing northwest. Domestic POU (home & lawn) in photo middleground.



63-33121 Exam 10/26/2012: Portion of area where cattle and horses graze (photo background fenced in area) in NENE Sec 17 T1N R2E facing south.



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Governor

GARY SPACKMAN
Interim Director

October 16, 2012

Albert or Deanna Lewis
4605 W. Firebreak Ln.
Kuna, ID 83634

RE: Scheduling Field Exam for Water Right Permit No. 63-33121

Dear Mr. or Mrs. Lewis:

We are planning to **conduct water right examinations** in the vicinity of the above-referenced permit **during the week of October 22, 2012**. An examination is needed to verify your water use in order to issue a water right license.

Please be advised that the system will need to be operating under normal conditions during the examination. The permit authorizes use of ground water for domestic and stockwater use.

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 October 22, 2012.** If there is a problem with scheduling or conducting the examination at this time, please call and other arrangements can be made. I appreciate your attention in this matter and I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Angela M. Grimm". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Angela M. Grimm, P.G.
Water Resource Agent, Sr.