

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-33930

Exam Date: 3/21/2018

1. Current Owner:
LAKES AT TELAGA HOA PO BOX 57 EAGLE ID 83616 (208) 870-3094
2. Accompanied by:
Phone No: **Tom Mehiel**
Address:
Relationship to Permit Holder: **Water system operator**

3. **SOURCE:**
GROUND WATER

TRIBUTARY:**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Surface Water for irrigation
2. Other water rights with the same point-of-diversion: 63-31605, 63-33784 (permit)

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

GROUND WATER NW¼SW¼ Sec. 3, Twp 04N, Rge 02W, B.M. CANYON County

GROUND WATER NW¼SW¼ Sec. 3, Twp 04N, Rge 02W, B.M. CANYON County

GROUND WATER SW¼SE¼ Sec. 3, Twp 04N, Rge 02W, B.M. CANYON County

Method of Determination: GPS, metal tag, overlapping rights, digital PLS map

2.

PLACE OF USE: FIRE PROTECTION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	02W	3													X	X			

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	
04N	02W	3													X	X			

Method of Determination: Aerial imagery, tax parcel spatial data, digital PLS map

3. Delivery System Diagram Attached (required). Indicate all major components and distances between components.
- X Indicate weir size/pipe as applicable.
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- X Aerial Photo Attached (required for irrigation of 10+ acres).
- x 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
(3) D0066238		15 and 100		Goulds Model 6CLC Goulds Model 11CLC	60 – 70 psi for domestic, 6" line
(1) D0025667		30		Danfoss Model 8000	60-70 psi for domestic 4" line
(2) D0025779		75			60-70 psi for domestic 4" line

*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
NONE						

2. Measurements:

Theoretical only. Flow meters are installed on each well. Flow is intermittent due to the nature of domestic use. Wells serve multiple subdivisions and uses.

E. FLOW CALCULATIONS

Measured Method: No physical measurements

_____ Additional Computation Sheets Attached

DOMESTIC USE (internal use only)

$$\text{Well 1: } Q = \frac{8.8 * 0.7 * 30 \text{ hp}}{58 + (2.31 * 60 \text{ psi})} = 0.94 \text{ cfs} \quad \text{Well 2: } Q = \frac{8.8 * 0.7 * 75 \text{ hp}}{58 + (2.31 * 60 \text{ psi})} = 2.34 \text{ cfs}$$

$$\text{Well 3: } Q = \frac{8.8 * 0.7 * 15 \text{ hp}}{175 \text{ ft (per SPF)}} = 0.53 \text{ cfs} \quad \text{TOTAL} = 3.81 \text{ cfs available for domestic use,}$$

An SPF Engineering operation and maintenance manual suggests that the three smaller pumps are designed to provide a target of 200 gpm for domestic use (includes domestic use for 63-31605 and permit 63-33784). The 100 hp submersible pump is only used for fire protection use. The fire protection pump has a design capacity of 1500 gpm (3.35 cfs).

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

$$\text{DOMESTIC} = 40 \text{ homes} \times 0.6 \text{ afa per home} = 24.0 \text{ afa}$$

No volume required for Fire Protection per IDAPA Beneficial Use Rules

G. NARRATIVE/REMARKS/COMMENTS

This permit was approved on August 11, 2014, authorizing the diversion of 1.44 cfs from groundwater for domestic and fire protection use in Phase 1 of the Lakes at Telaga Subdivision. Proof of beneficial use was submitted September 29, 2014. I completed this field exam on March 21, 2018.

Two wells located in the NWSW of Sec 3, T04N, R02W, B.M. provide water for domestic use in the Lakes at Telaga Subdivision and the Lansing Meadows Subdivision. One well has a 30-hp pump and the other a 75-hp pump. The pumps have been changed since the field exam for overlapping right 63-31605 to account for expansion of the water system. I estimate the new combined capacity of these two wells to be 3.28 cfs.

One well with metal tag no. D0066238 is located at N43°42'34.0" by W116°33'29.4" in the SWSE of Sec 3, T04N, R02W, B.M. One 15-hp variable speed submersible pump is set in this well with a TDH of 175 ft and a system pressure of 62 psi (per SPF Operation and Maintenance Manual, 2015). This pump provides domestic water both the Lansing and Lakes subdivisions along with the two described in the paragraph above. Its capacity is estimated to be 0.53 cfs, though it is designed to work in conjunction with wells 1 and 2 identified in Section E above, to provide a peak target flow of 200 gpm. The total capacity of the domestic system is 3.81 cfs, which is sufficient to cover this right and right 63-31605, so no combined use limit is required at this time. The total system should be evaluated at the time of the field exam for 63-33784.

A separate 100-HP pump is set in D0066238 which provides water for fire protection use. At 50 psi and a TDH of 195 ft, the pump is designed to provide up to 1500 gpm, or 3.35 cfs (per SPF Operation and Maintenance Manual, 2015). This flow is sufficient to cover the 1.12 cfs authorized by this right and 1.89 cfs for fire protection from right 63-31605. I should also note that well D0066238 in the SWSE is not listed as a point of diversion on right 63-31605, though this field exam indicates that it is used for that right. I have sent a letter to the owners of 63-31605 telling them to submit a transfer application to add that point of diversion.

There are 40 lots with water for domestic use in the subdivision, irrigation is not included in domestic use. One lot included in the 41 homes listed on the permit is a park area with minimal water use if any. The diversion rate is based on the IDWR standard for 40 homes per Admin AP Memo 22. If you consider a liberal estimate of 100 gpd per person, an average household size of 4 people, and peak water delivery over 8 hrs of every 24 hr period, the diversion rate required for these 40 homes would be closer to 0.07 cfs. However, the Lansing Meadows subdivision was licensed based on the Memo 22 standard. Because these homes are part of the same system as Lansing Meadows, it is probably important to be consistent in the manner that we license diversion rates. Therefore, I recommend that we continue licensing based on the Memo 22 standard (a diversion rate of 0.30 cfs for the domestic component). The volume for the domestic component is 0.6 afa per home which does not include irrigation use.

The fire protection system is capable of supporting the uses under both this right and 63-31605, so I recommend the permit rate for the fire protection component. No volume is required for fire protection uses per the IDAPA Beneficial Use Exam Rules.

Have conditions of permit approval been met? x Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

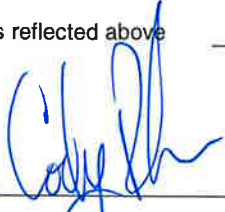
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.30 CFS	24.0 AFA
FIRE PROTECTION	01/01 to 12/31	1.12 CFS	
	<u>Totals:</u>	1.42 CFS	24.0 AFA

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above x None

____ Change P.U. as reflected above ____ Add P.U. as reflected above x None

I. AUTHENTICATION

Field Examiner's Name  Date 4/17/18

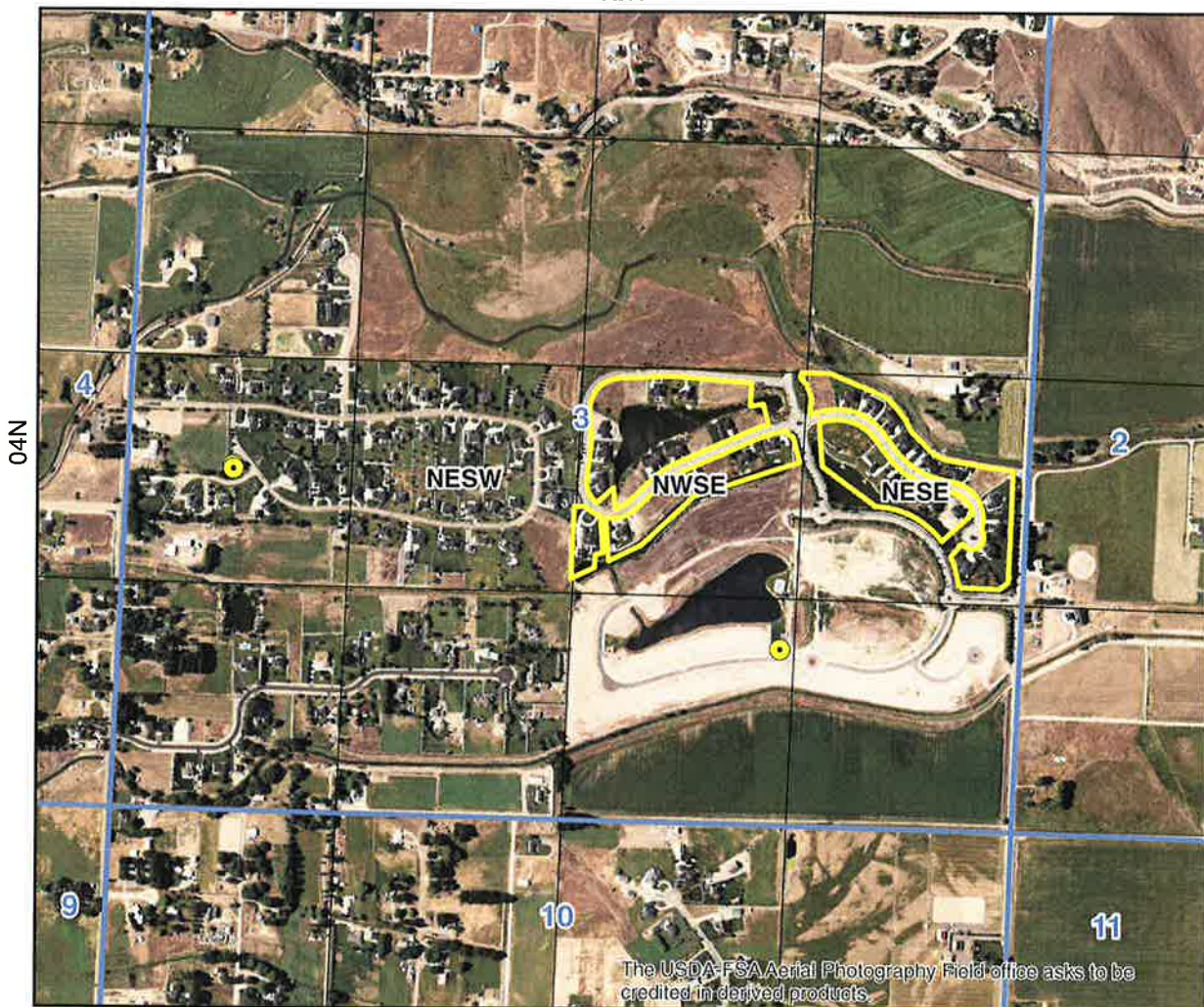
Reviewer  Date 4/17/18



State of Idaho
Department of Water Resources
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This map depicts the DOMESTIC 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.

02W



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

0 0.125 0.25 0.5 Miles



State of Idaho
Department of Water Resources
Beneficial Use Field Report
63-33930

This map depicts the FIRE PROTECTION 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

0 0.125 0.25 0.5 Miles



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT
Picture Attachment

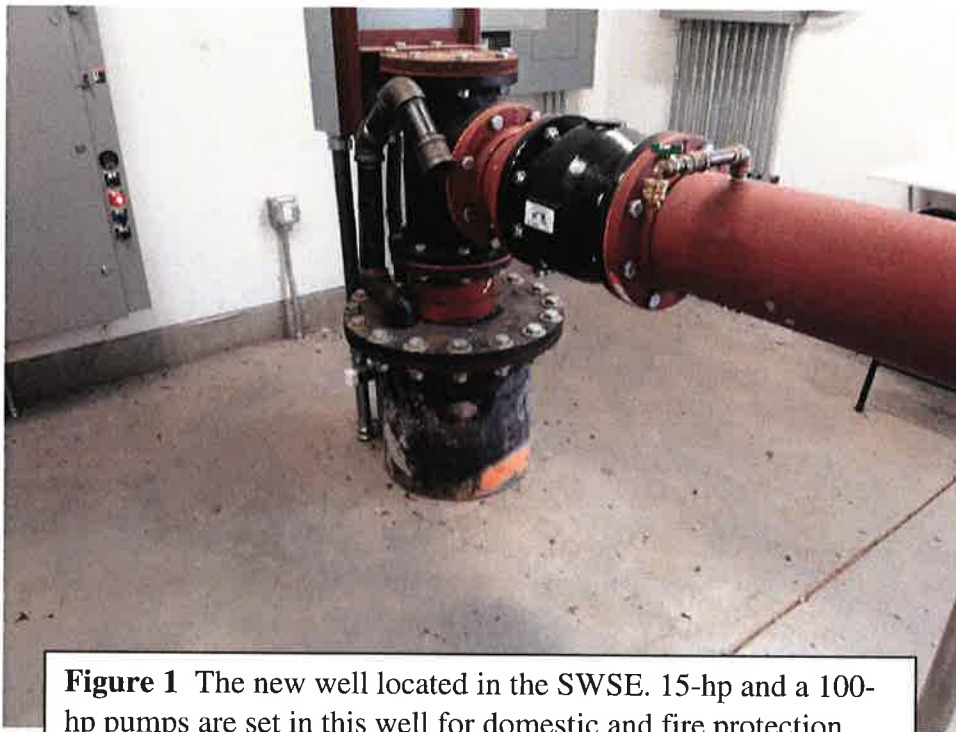


Figure 1 The new well located in the SWSE. 15-hp and a 100-hp pumps are set in this well for domestic and fire protection uses respectively. The metal tag for this well shows D0066238. Pictures of the other two older wells can be seen in the field report for 63-31605.

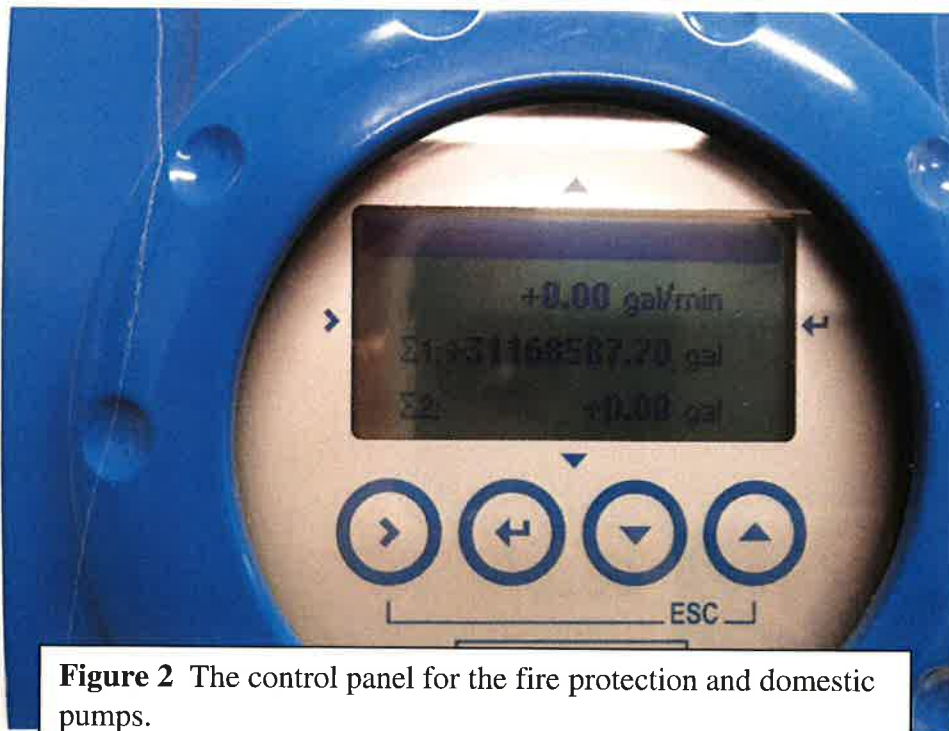


Figure 2 The control panel for the fire protection and domestic pumps.

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Picture Attachment

Well #3: 15-hp Pump

The 15-hp submersible well pump is a variable speed pump working in conjunction with the existing Well Nos. 1 and 2 pumps to deliver approximately 200 gpm at a discharge pressure of 62 psi, which corresponds with the current system pressure setting of 65 psi at Wells 1 and 2. The design total dynamic head (TDH) is calculated to be approximately 175 feet accounting for pumping lift to system pressure and friction loss. The smaller submersible pump installed in the well is the Goulds 6CLC, 4 stage pump with a 15-hp, 3 phase motor.

The pump is set at a depth of approximately 100 feet on 4-inch steel drop pipe, which is connected into the common 8-inch steel drop pipe above the secondary pump. A 4-inch column check valve is installed approximately 5 feet above the 15-hp pump.

Refer to the operation and maintenance manual for the 15-hp submersible pump in Appendix C.

Well #3: 100-hp Pump

The secondary well pump is a 100-hp submersible pump with a design capacity of 1,500 gpm at a TDH of 105 feet, corresponding to a discharge pressure of approximately 60 psi. The larger submersible pump installed in Well #3 is the Goulds Model 11CLC, with a 100-hp, 3 phase motor.

The pump is set at a depth of approximately 120 feet on 8-inch steel drop pipe shared with the 15-hp pump. A 8-inch column check valve is installed approximately 5 feet above the 100-hp pump. Refer to the operation and maintenance manual for 100-hp pump in Appendix C.

2.3 Motor Controls

Well Pump Controls

The controls for both pumps are tied into the pressure transducer at the facility. The small 15-hp pump is controlled using a variable frequency drive (VFD) that is used to modulate the pump speed to maintain a set-point delivery pressure, controlled by the operator.

The 100-hp pump has a soft start and is not connected to the VFD, but received pressure signals from the pressure transducer. If a low pressure is detected and the 15-hp pump cannot provide the flow and pressure necessary, the larger 100-hp pump will be called on.

Refer to the operation and maintenance manual for the motor controls in Appendix C.

The Lakes Subdivision
Public Water System # 3140231

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Operation and Maintenance Manual
March 2015

Figure 3 Taken from the operation manual. This shows how the two pumps work and when the fire protection pump kicks on

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Picture Attachment

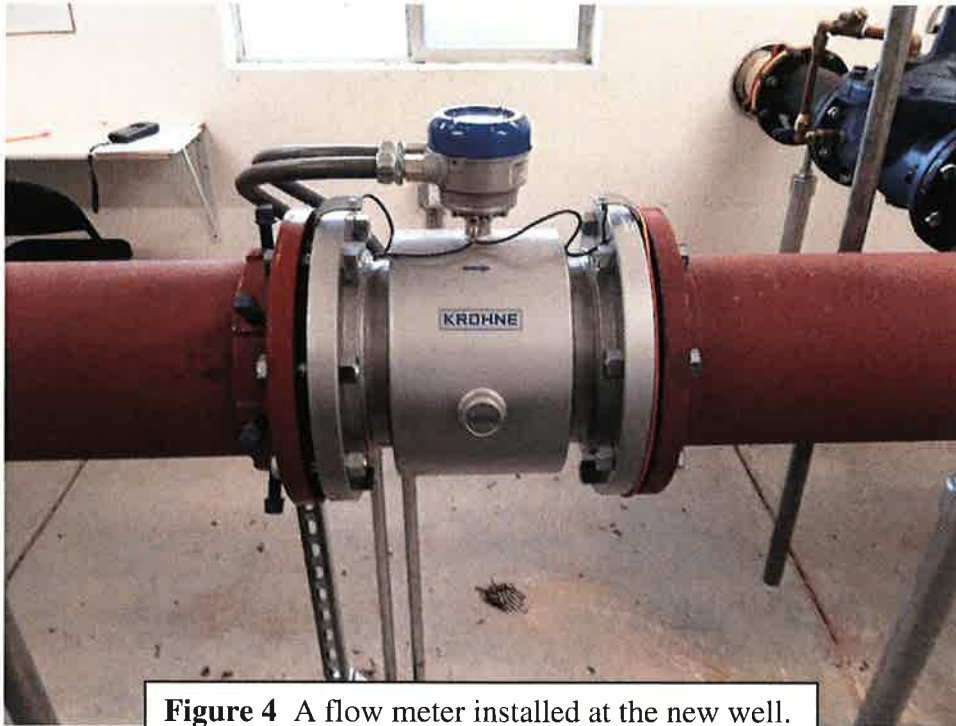


Figure 4 A flow meter installed at the new well.



Figure 5 A flow meter installed at the older two wells.

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Picture Attachment



Figure 6 Water from the two older wells flows into 4 85-gallon pressure tanks for domestic use. The domestic pump in the new well is a variable speed pump which ramps up to meet the additional use not supplied by these two wells.

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BENEFICIAL USE FIELD REPORT

04N02W3

Basin/Sequ	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SESW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
63-124N	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-125G	FARRIS, FBOISE RIVE AESTHETIC STORAGE																			
63-125G	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-126E	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-161X	CONSUM BOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-168B	BORTLE, BOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-168D	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-173	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-198AC	FARRIS, FBOISE RIVE AESTHETIC STORAGE																			
63-198AC	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-21252	DUNNING GROUND W DOMESTIC																			
63-21258	DUNNING GROUND W DOMESTIC																			
63-21315	QUENZER GROUND W DOMESTIC			X																
63-22093	BALDWIN GROUND W DOMESTIC																			
63-22093	BALDWIN GROUND W STOCK WATER																			
63-22095	BALDWIN GROUND W STOCK WATER																			
63-22363	CITY OF T GROUND W MUNICIPAL																			
63-2322	UNITED SELJAH SL IRRIGATION																			
63-2322	UNITED SELJAH SL IRRIGATION																			
63-254	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-255	COUZENS BOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-26215	POST, A GROUND W DOMESTIC																			
63-26216	POST, A GROUND W DOMESTIC																			
63-27584	COLLINS GROUND W DOMESTIC																			
63-27616	STEELE, I GROUND W DOMESTIC			X																
63-27616	STEELE, I GROUND W STOCK WATER			X																
63-28474	FINN III, J GROUND W DOMESTIC																			
63-2878	BLACK C ELIAH DR IRRIGATION																			
63-2878	BLACK C WILSON DR IRRIGATION																			
63-28817	NAUGLE, GROUND W DOMESTIC																			
63-29020	MYERS, I GROUND W DOMESTIC																			
63-29021	MYERS, I GROUND W STOCK WATER																			
63-30283	OESTER, GROUND W DOMESTIC																			
63-30395	FUNK, J GROUND W DOMESTIC																			
63-31605	LANSING GROUND W DOMESTIC																			
63-31605	LANSING GROUND W FIRE PROTECTION																			
63-32182	CITY OF T GROUND W MUNICIPAL																			
63-32480	DRAINAC UNNAMED IRRIGATION																			
63-32518	FARRIS, FUNNAMED IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-32519	FARRIS, FUNNAMED IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-32520	FARRIS, FUNNAMED IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-32521	FARRIS, I WASTE WA IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-32522	FARRIS, I WASTE WA IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-33264	RILEY, C GROUND W DOMESTIC																			
63-33930	LAKES A GROUND W DOMESTIC																			
63-33930	LAKES A GROUND V FIRE PROTECTION																			
63-3398	CITY OF T GROUND W MUNICIPAL																			
63-3545	CITY OF MIDDLETON MUNICIPAL																			
63-370	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-4960	FARRIS, FBOISE RIVE IRRIGATION			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
63-8310	CITY OF T GROUND W MUNICIPAL																			
63-8704	CITY OF T GROUND W MUNICIPAL																			
63-9128	CITY OF T GROUND W MUNICIPAL																			
65-2433	UNITED SPA VETTE R IRRIGATION																			
65-2900	BLACK C TUNNEL N IRRIGATION																			

Surface water from irrigation districts/companies, surface water is used for irrigation in the subdivision

Water rights associated with property to the north of the subdivision in the NENE

DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

04N02W3

BasinSequence	Owner	Source
1	...	...
2	...	...
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100	...	...

Basin/Sequ	Owner	Source	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
63-21252	DUNNING	GROUND WATER					X											
63-21258	DUNNING	GROUND WATER					X											
63-21315	QUENZER	GROUND WATER	X															
63-22093	BALDWIN	GROUND WATER					X											
63-22095	BALDWIN	GROUND WATER					X											
63-26215	PFOST, A I	GROUND WATER						X										
63-26216	PFOST, A I	GROUND WATER						X										
63-27584	COLLINS, G	ROUND WATER					X											
63-27616	STEELE, I	GROUND WATER		X														
63-28474	FINN III, J	GROUND WATER											X					
63-28817	NAUGLE, G	ROUND WATER																
63-29020	MYERS, I	GROUND WATER													X			
63-29021	MYERS, I	GROUND WATER													X			
63-30283	OESTER, I	GROUND WATER													X			
63-30395	FUNKE, J	GROUND WATER					X											
63-31605	LANSING	GROUND WATER																
63-32524	CANYON UN	NAMED DRAINS							X									
63-33264	RILEY, C	GROUND WATER		X														
63-33930	LAKES A	GROUND WATER										X					X	

POD Overlap

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

787489

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: _____ Long: _____

1. WELL TAG NO. D 0025779
DRILLING PERMIT NO. _____
Other IDWR No. _____

2. OWNER:
Name Lansing Investment Inc.
Address 1550 Weyerford
City Engle State Id Zip 83616

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
W X E
S
Twp. 4 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 3 NW 1/4 SW 1/4 SE 1/4 NE 1/4
Gov't Lot _____ County Canyon
Lat: _____ Long: _____
Address of Well Site 1/2 mile North of Hwy 44 on Lansing Lane #2 City Middleton
(Type or best name of road - Distance to Road or Landmark)

Lt. 1 Blk. 3 Sub. Name Lansing Meadow

4. USE:

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

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/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
40/60 Cement	0	135	7yds		grout pump
Silica Sand	135	204	12,000#		slow pour
8-12					

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
12"	+2	166	.375	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations _____ Method Set
Screens Screen Type Nagoka

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
166	196	.030		12"	SS	☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

+2 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: bellied under light flange

11. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
600	59' 6"	126'	7 hours

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter 3.5'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
20"	0	2	top soil		
	2	26	gravel & sand	X	
	26	40	tan clay w/ some rocks		
	40	64	sandy clay		
	64	78	clay		
	78	85	sand		
	85	91	clay		
	91	104	sand & sandy clay		
	104	117	clay & sand layers		
	117	130	clay		
	130	135	sand		
	135	138	clay		
	138	142	clay w/ short sand strata		
	142	148	sand		
	148	150	clay		
	150	152	sand		
	152	157	clay		
	157	181	sand		
	181	183	clay		
	183	204	sand w/ few short clay layers		

RECEIVED

OCT 23 2002

WATER RESOURCES
WESTERN REGION

Completed _____ Depth 196' (Measurable)
Date: Started 10.3.02 Completed 10.12.02

13. DRILLER'S CERTIFICATION

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

Company Name Adamsen Pump & Drilling Co. 457

Firm Official Dave Adamsen Date 10.17.02

and Driller or Operator Dave Adamsen Date 10.17.02

(Sign once if Firm Official & Operator)

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

785412

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: _____ Long: _____

1. WELL TAG NO. D 0025667
DRILLING PERMIT NO. _____
Other IDWR No. _____

2. OWNER:
Name Lansing Investment Inc #1
Address 1550 Hereford
City Eagle State Id Zip 83616

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
W X
E
S
Twp. 4 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 3 NW 1/4 SW 1/4 SE 1/4
Gov't Lot _____ County Canyon
Lat: _____ Long: _____
Address of Well Site 1/2 mile N Hwy 44
on Lansing Lane City Middleton
(Give at least name of road & distance to road or landmark)

Lt. 1 Blk. 3 Sub. Name Lansing Meadows

4. USE:

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

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/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0	40	2000*	overbore & pour
40/60 cement	40	146	7 yds	grout pump
Silica sand	146	203	13,600	overbore & pour

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
12	+2	165	.322	Steel	☒	☐	☒	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations _____ Method Set
Screens Screen Type Johnson

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
175	196	.040		12"	SS	☐	☐
165	175	.030		12"	SS	☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

+2 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: bolted water tight flange

11. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
600	47	126'	7 hours

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter 3.5'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
20"	0	2	dep soil		
	2	3	gravel & soil		
	3	26	gravel & sand	X	
	26	28	clay		
	28	42	sand	X	
	42	55	clay & sand		
	55	60	clay w/ pea gravel		
	60	70	sand	X	
	70	86	clay		
	86	88	sand	X	
	88	98	clay		
	98	110	sand & pea gravel	X	
	110	112	clay		
	112	114	sand	X	
	114	117	clay		
	117	118	sand	X	
	118	121	clay		
	121	123	sand	X	
	123	139	clay w/ some sandstratus		
	139	143	sand	X	
	143	144	clay		
	144	146	sand	X	
	146	150	clay		
	150	154	sand	X	
	154	158	clay		
	158	176	sand	X	
	176	177	clay		
	177	182	sand	X	
	182	183	clay		
	183	195	sand	X	
	195	196	clay		
	196	197	sand	X	
	197	203	clay & sand		

RECEIVED

OCT 07 2002

WATER RESOURCES
WESTERN REGION

Completed _____ Depth 196 (Measurable)
Date: Started 9-13-02 Completed 9-28-02

13. DRILLER'S CERTIFICATION

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

Company Name Adamsen Pump & Drilling Co. 451

Firm Official Dave Adamsen Date 10-2-02

and Driller or Operator DAVE ADAMSON Date 10-2-02

(Sign once if Firm Official & Operator)

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066238

Drilling Permit No. 965279 - 871338

Water right or Injection well # 63-33784

2. OWNER: LP Lakes LLC/Lakes at Telaga Well No.3

Name _____

Address P.O. Box 1939

City Eagle State ID Zip 83616

3. WELL LOCATION:

Twp. 04 North ☒ or South ☐ Rge. 02 East ☐ or West ☒
Sec. 03 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County Canyon

Lat. 43 ° 42.750 (Deg. and Decimal minutes)

Long. 116 ° 33.485 (Deg. and Decimal minutes)

Address of Well Site 1 Mile NW of Hwy 44 and Kingsbury Rd

City Middleton

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

Lot. _____ Bk. _____ Sub. Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation ☐ Thermal ☐ Injection
☒ Other Fire Protection

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☐ Mud Rotary ☐ Cable ☒ Other Reverse Rotary

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Neat Cement	0	175	648 ft	Pumped in with trimie pipe

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
18	+1	191	.375	Steel	☒	☐	☐	☒
10	202	211	.365	Steel	☒	☐	☐	☒
10	236	256	.365	Steel	☒	☐	☐	☒

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☒ Y ☐ N Type Wire Wrap

Method of installation Lower in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
192	202	.03		10	S.S.	
211	236	.03		10	S.S.	
256	276	.03		10	S.S.	

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
#6-9 Sand	175	277	24,000	Dry pour

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device 18" blind flange w/10" butterfly valve

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 5 Static water level (ft) 5

Water temp. (°F) 57 Bottom hole temp. (°F) _____

Describe access port Control device

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
94	2250	490

Test method:

Pump	Bailer	Air	Flowing artesian
☒	☐	☐	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
28	0	3	Top soil		X
28	3	31	Med - coarse sand, gravel 3"-9"		X
28	31	120	Brown sticky clay		X
28	120	125	Med - coarse sand	X	
28	125	131	Dark grey clay, brown clay		X
28	131	134	Fine - med brown sand	X	
28	134	145	Brown sticky clay		X
28	145	155	Sand and clay mix	X	
28	155	173	Fine - coarse brown sand	X	
28	173	181	Brown clay and brown sand mix	X	X
28	181	187	Med - coarse brown sand	X	
28	187	195	Brown clay		X
20	195	205	Fine - coarse brown sand	X	
20	205	213	Brown clay		X
20	213	228	Fine-coarse brown sand, pea gravel	X	
20	228	231	Brown clay, sand streaks	X	X
20	231	237	Med - coarse brown sand	X	
20	237	259	Brown clay, sand streaks	X	X
20	259	277	Fine - med brown sand	X	
20	277	300	Brown clay		X
			NOTE Backfill: Drill cuttings 277' to 300'		
			NOTE 18"x10" Reducer 191' to 192'		
			Steel cap, bottom of screen		

Completed Depth (Measurable): 276'

Date Started: Mar 20, 2014

Date Completed: Jun 10, 2014

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 Riverside Inc

Co. No. 333

*Principal Driller _____

Date 7/7/14

*Driller _____

Date _____

*Operator II _____

Date _____

Operator I _____

Date _____

* Signature of Principal Driller and rig operator are required.

JUL 09 2014

WATER RESOURCES
WESTERN REGION



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

February 20, 2018

JIM ROWELL
8200 GOLDSTREAM COURT
MIDDLETON ID 83644

RE: Water right permit no. 63-33930 for Lakes at Telaga HOA

Dear Mr. Rowell,

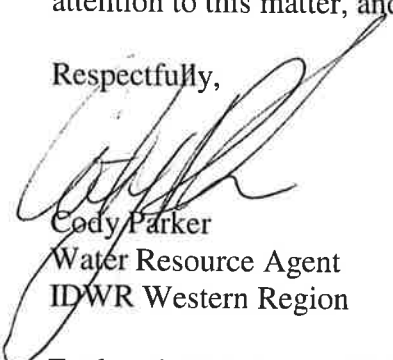
I am writing you today in regard to the water right permit referenced above which authorizes the diversion of 1.44 cfs from groundwater for domestic and fire protection uses. On September 29, 2014, you submitted Proof of Beneficial Use for this permit indicating that development of the project was complete. The next step in the water appropriation process is to complete a field examination to determine the extent that water use was developed under the permit. At the time that the Proof was submitted, you were listed as the point of contact for scheduling a field exam for this permit. The field examination is the final step before the Department can issue a water right license.

If you did not develop a beneficial use of water during the development period, a license cannot be issued and the permit should be relinquished. If the use was developed, but you have ceased using the water and have no further interest in pursuing a water right license, you may relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

Please contact me within the next thirty (30) days to schedule a field examination for this water right permit. You can reach me by phone at 208-334-2190 or by email at cody.parker@idwr.idaho.gov. If the permit is being used, but you do not make a timely response in this regard, the permit will be voided.

Please let me know if you have any questions concerning the content of this letter. I appreciate your attention to this matter, and I look forward to hearing from you.

Respectfully,



Cody Parker
Water Resource Agent
IDWR Western Region

Enclosed: WR Report, WR Map, Relinquishment of Permit



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

January 22, 2018

LAKES AT TELEGA HOA
PO BOX 57
EAGLE ID 83616

RE: Water Right Permit No. 63-33930

Dear Permit Holders,

I am writing today in regard to the water right permit referenced above which authorizes the diversion of 1.44 cfs groundwater for fire protection and domestic use. On September 29, 2014, you submitted Proof of Beneficial Use for this permit stating that your project is fully developed. The next step in the water appropriation process is to complete a Beneficial Use Field Examination to determine the extent to which water use was developed under the permit. The field examination is the final step before the Department can issue a water right license.

If you did not develop a beneficial use of water during the development period, a license cannot be issued and the permit should be relinquished. If the use *was* developed, but you have ceased using the water and have no further interest in pursuing a water right license, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

Please contact me within the next thirty (30) days to schedule a field examination for your water right permit. You can reach me by phone at 208-334-2190 or by email at cody.parker@idwr.idaho.gov. If you no longer own the place of use, the Department will work with the current property owner to issue a license or void the permit. If you still own the property, but do not make a timely response in this regard, the permit will be voided.

Please let me know if you have any questions regarding the content of this letter. I appreciate your attention to this matter, and I look forward to hearing from you.

Respectfully,

Cody Parker
Water Resource Agent
IDWR Western Region

Enclosed: WR Report, WR Map, Relinquishment of Permit