

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-21627

Exam Date: May 10, 2012

1. Current Owner: ALPINE DRIVE ASSOCIATION INC
C/O JAMES EVERITT
PO BOX 145
SUN VALLEY ID 83353
(208) 726-8858
2. Accompanied by: James Everitt's hired man
Phone No: James' cell #720-3741

3. **SOURCE**

GROUND WATER

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4NW1/4 Sec. 36, Twp 05N, Rge 17E, B.M. BLAINE County

Method of Determination: GPS

2. **PLACE OF USE:** DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>Totals</u>
05N	17E	36		X			X												

Method of Determination: Plat and confirmed with James Everitt

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</u> <u>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</u> <u>Size</u>
A0018515	Franklin	7.5	2822019310	Sta-Rite	

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

D. FLOW MEASUREMENTS

1.

Measurement

<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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NA—there is no way to push the well to its capacity since the system is operated "on-demand".

2. Measurements: NA

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: I conducted a hp equation estimate for the well.

Well #1 has a TDH = 161.98' based on the following parameters:

Depth to water: Well report shows that the well is complete to 38' and is cased to 35'. The water bearing zone appears between 28' and 32'. For the purposes of the hp equation, the depth to water is 28'.

hp: The horsepower on this pump is 7 ½

PSI: the psi gauge reads 58

$$8.8 \times 0.7 \times 7.5/28 + (2.31 \times 58) = 46.2/161.98 = 0.285 \text{ cfs or } 0.29 \text{ cfs}$$

The diversion rate of 0.14 cfs is justified per App Processing Memo #22 which provides 0.11 cfs for in-house use of 4 homes. And the exterior use under the domestic use provides 0.02 cfs/acre x 2 acres (at most) = 0.04 cfs. Total duty of water = 0.15 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: None—it appears that the homes that are in place irrigate < ½ acre

2. Volume Calculations for Other Uses: Domestic standard = 1.2 af x 4 homes = 4.8 af, however the permit was issued with a volume limitation of 13,000 gpd per home. Since the volume is already addressed the license will not include a volumetric limit.

G. NARRATIVE/REMARKS/COMMENTS

This well was originally drilled by Sally Donart, who owns the lot where the well house is located. The well and the distribution system were conveyed to Alpine Drive Assoc. There are 4 lots that are stubbed-in to the distribution system and currently two of the four lots contain a home.

According to James, Sally diverts from a separate well for her home under water right 37-10380.

Have conditions of permit approval been met? ☒ 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	0.140 CFS	NA

Totals: 0.140 CFS**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

Chris Palmer

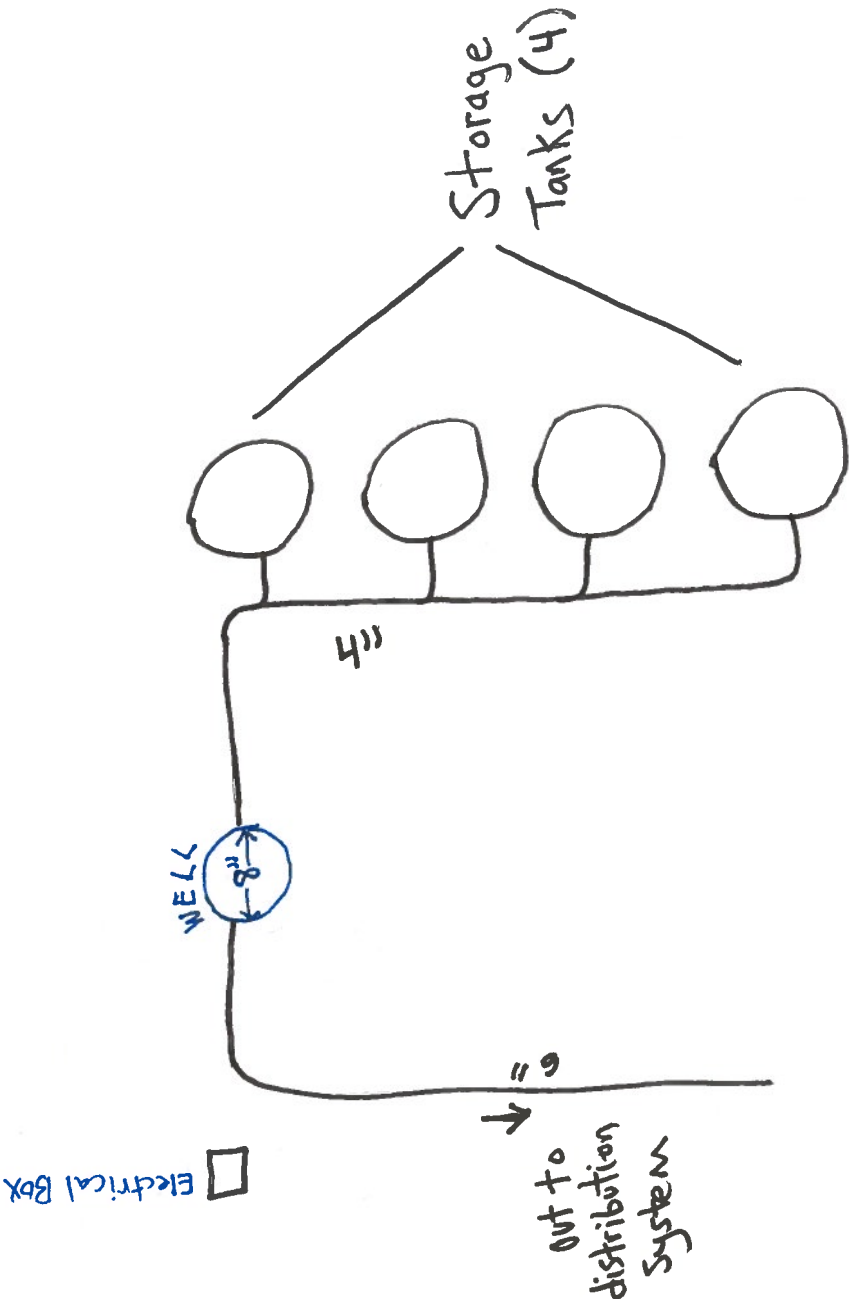
Date

5/24/12

Reviewer

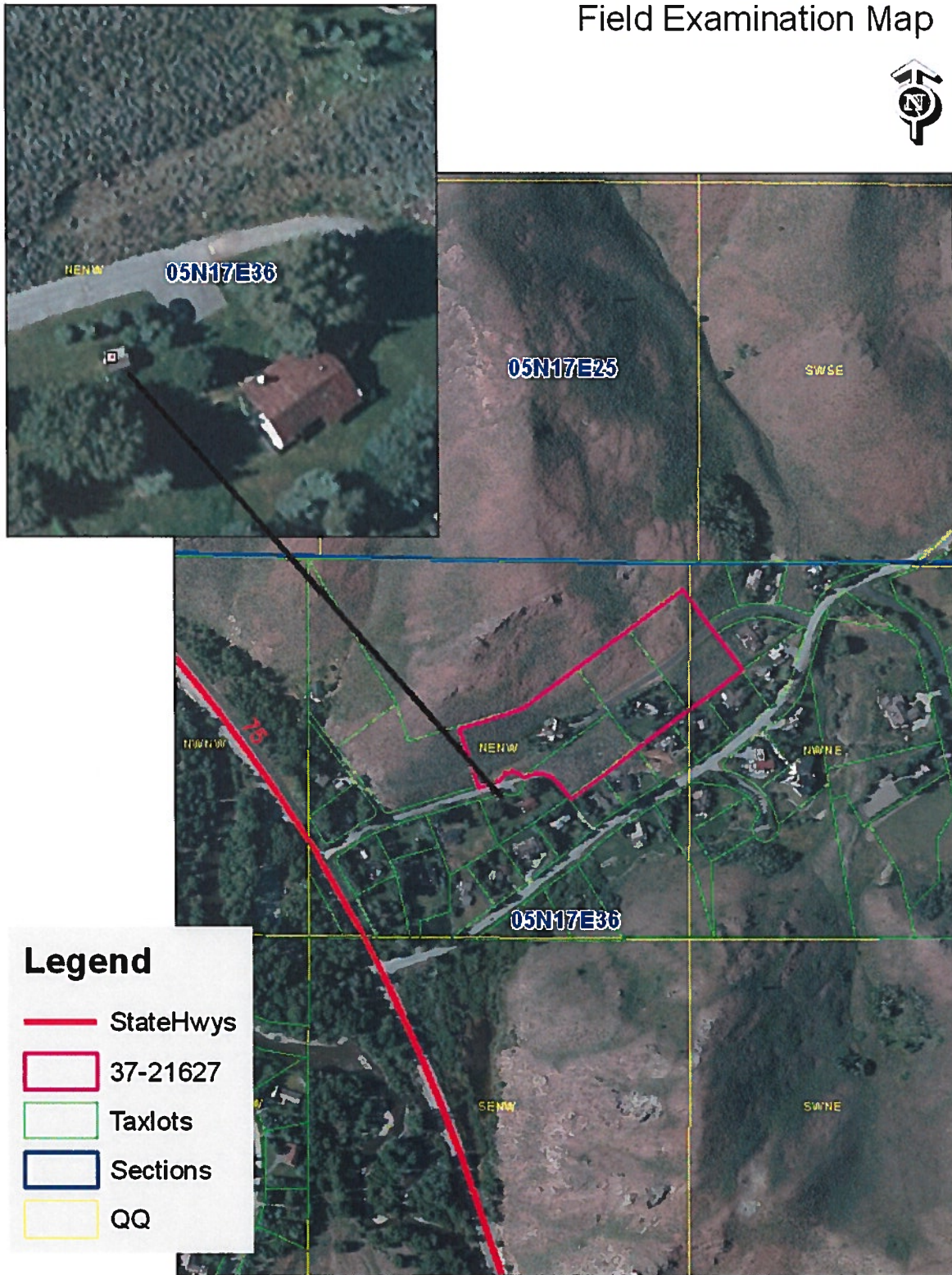
Date

System Diagram

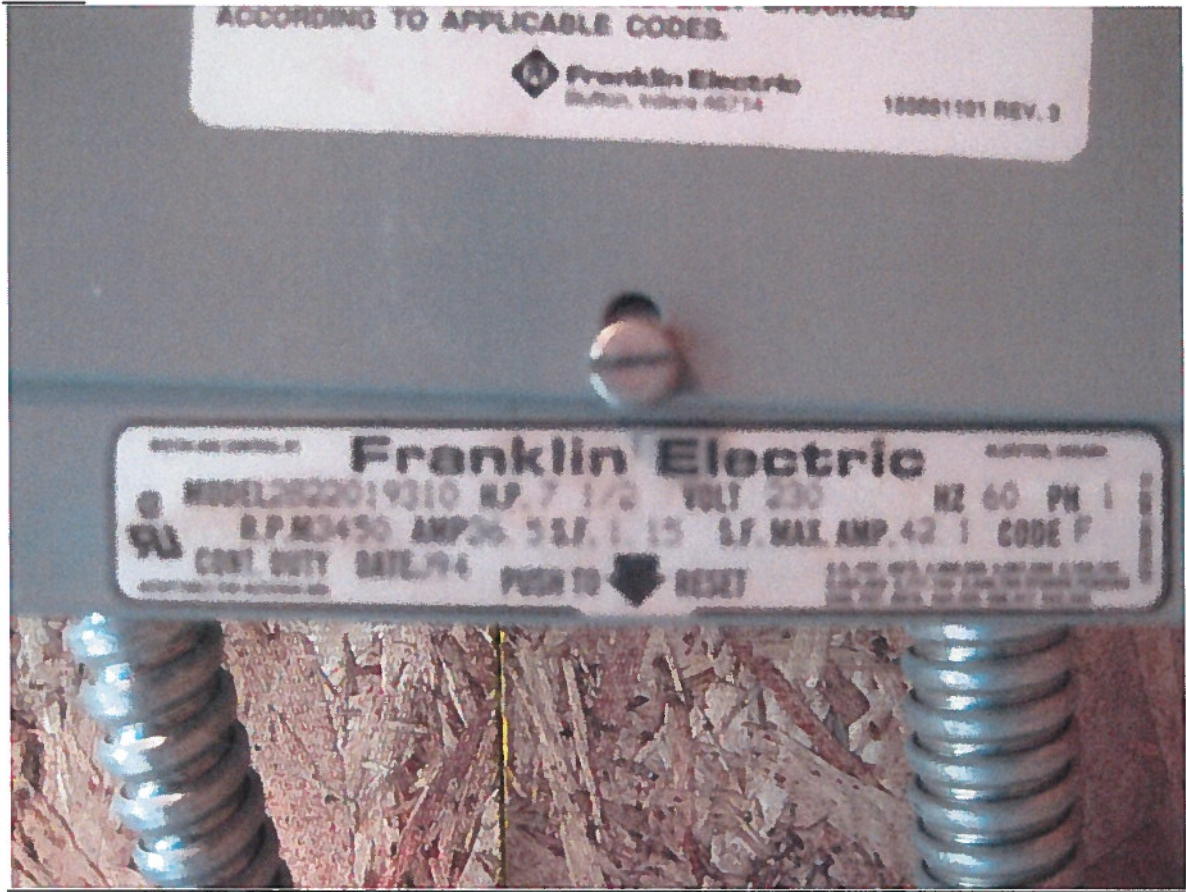


Map/Aerial Photo

Field Examination Map



Photos





IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT 48938

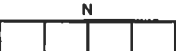
Use Typewriter
or
Ball Point Pen

1. DRILLING PERMIT NO. 37-95-S-0047-000
Other IDWR No. _____

2. OWNER: Sally Donart
Name
Address PO Box 2330
City Ketchikan State ID Zip 83340

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.


 Twp. 5 North ☒ or South ☐
 Rge. 17 East ☒ or West ☐
 Sec. 36 1/4 NE 1/4 NW 1/4
 Gov't Lot _____ County Ala.

Address of Well Site Cottonwood Rd
City Ketchikan

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

Lt. 47 Blk. _____ Sub. Name Lake Creek
Sub

4. PROPOSED USE:

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

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Benafite	0	20	4	over bore temp surface p. 1st. Slurry

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 35
Was drive shoe seal tested? Y ☐ N ☒ How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8"	#1	35	26°	Steel	☐	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

ft. below ground Artesian pressure lb.
Depth flow encountered ft. Describe access port or
control devices: Sanitary well cap

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
100	0	30	1 hr

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

Firm Name SCOTT DRILL CO. Firm No. 327

Firm Official [Signature] Date 5/19/95

and
Supervisor or Operator *[Signature]* Date *5/6/84*

Sign once if Firm Official & Operator)

Attachment #2

Overlap Analysis for 37-21627 Alpine Drive Association Inc.

Type	WR #	Owner	Source	TRS	NWNE	NENW	Significant y/n?
Permit	37 21627	ALPINE DRIVE ASSOCIATION INC,	GROUND WATER	05N17E36	X	X	
Right	37 10380	SALLY DONART,	GROUND WATER	05N17E36		X	n
Right	37 12607	THE LINK FAMILY TRUST DTD 1/9/1990,	GROUND WATER	05N17E36		X	n
Right	37 11740	LARRY A WILDE,	GROUND WATER	05N17E36		X	n
Right	37 13025	JOAN PRESTON O NEIL REVOCABLE TRUST,	GROUND WATER	05N17E36			n
Right	37 12492	PAM WELLS, JOHN WELLS,	GROUND WATER	05N17E36		X	n
Right	37 16945	UNITED STATES OF AMERICA ACTING THROUGH,	LAKE CREEK	05N17E36			n
Right	37 12115	KARL BEZNOSKA,	GROUND WATER	05N17E36		X	n
Right	37 13406	MARGARET JANE FOGWELL,	GROUND WATER	05N17E36		X	n

Conclusion: There are no significant overlaps.