

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 97-07490

Exam Date: 7/15/2015

1. Current Owner:

STATE OF IDAHO DEPT OF PARKS & RECREATION STATEHOUSE MAIL PO BOX 83720 BOISE ID
83720-0065 (208) 334-4199

2. Accompanied by: Park Staff

3. SOURCE: GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 97-7158
2. Other water rights with the same point-of-diversion: 97-7158

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

GROUND WATER NW¼NW¼ Sec. 26, Twp 61N, Rge 04W, B.M. BONNER County

Method of Determination: GPS and maps. POD location at 48° 36.904, 116° 49.687 (A0015306)

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	
61N	04W	26						X											
61N	04W	27	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	
61N	04W	26						X											
61N	04W	27	X		X L 2	X L 1													

PLACE OF USE: COMMERCIAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
61N	04W	27	X																

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
61N	04W	27	1.5																1.5

Total Acres: 1.5

Method of Determination: GPS and maps.

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.

XX

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
97-79-N-1	FRANKLIN	3			

*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: SYSTEM HAD FLOW METER SO IDWR STAFF HAD PUMP TURNED ON AND OBSERVED 34 GPM IN 1 MINUTE. PARK STAFF THAT WAS THE FLOW RATE THAT THEY HAD OBSERVED AS WELL.

E. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

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

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

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

2. Volume Calculations for Other Uses:

STAFF APARTMENTS: 0.6 AF

STAFF QUARTERS: 0.6 AF

SEVEN RV VOLUNTEER CAMPSITES: 7 SITES X 25 GPS X 182 DAYS / 325,850 GAL/AF = 0.1 AF

PARK SHOP DOMESTIC USES: 0.6 AF

FIVE SLEEPER CABINS WITH 2 COMMON FAUCETS: 10 GPD X 5 CABINS X 182 DAYS / 325,850 GAL/AF = 0.1 AF

VISITOR CENTER: 0.6 AF

PARK SHOP COMMERCIAL USES: 0.6 AF

IRRIGATION OF 1.5 ACRES X 3.0 AF = 4.5 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED APPLICANT HAD WELL THAT WAS DRILLED IN 1979 THAT HAD FLOW METER ON IT AND IDWR OBSERVED 34 GPM OR 0.08 CFS. APPLICANT HAD ONLY APPLIED FOR A MAXIMUM DIVERSION RATE OF 0.07 CFS SO THAT IS WHAT WILL BE LICENSED. APPLICANT ALREADY HAS EXISTING LICENSE FOR 97-7158 WITH ANNUAL VOLUME OF 18.6 ACRE FEET. IDWR HAS BROKEN DOWN CURRENT PERMIT WITH ANNUAL VOLUMES FOR EACH USE. IDWR WILL WRITE OVERLAPPING CONDITION THAT WHEN THE TWO LICENSES ARE COMBINED THEY SHOULD NOT EXCEED A MAXIMUM ANNUAL VOLUME OF 18.6 ACRE FEET. PARK STAFF TOOK METER READINGS AND WHEN TOTALING A ONE YEAR CONSUMPTION FOR THEIR RECORDS IT WAS EQUAL TO 0.5 ACRE FEET. IDWR WILL NOT EXPAND UPON ALREADY EXISTING LICENSE, BUT WILL ISSUE LICENSE WITH A GREATER DIVERSION RATE AND WITH ANNUAL VOLUMES FOR NEW USES.

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>
IRRIGATION	04/01 to 10/31	0.03 CFS	4.5 AF
DOMESTIC	01/01 to 12/31	0.07 CFS	2.6 AF
COMMERCIAL	01/01 to 12/31	0.07 CFS	1.2 AF
FIRE PROTECTION	01/01 to 12/31	0.07 CFS	
<u>Totals:</u>		0.070 CFS	8.30 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

I. AUTHENTICATION

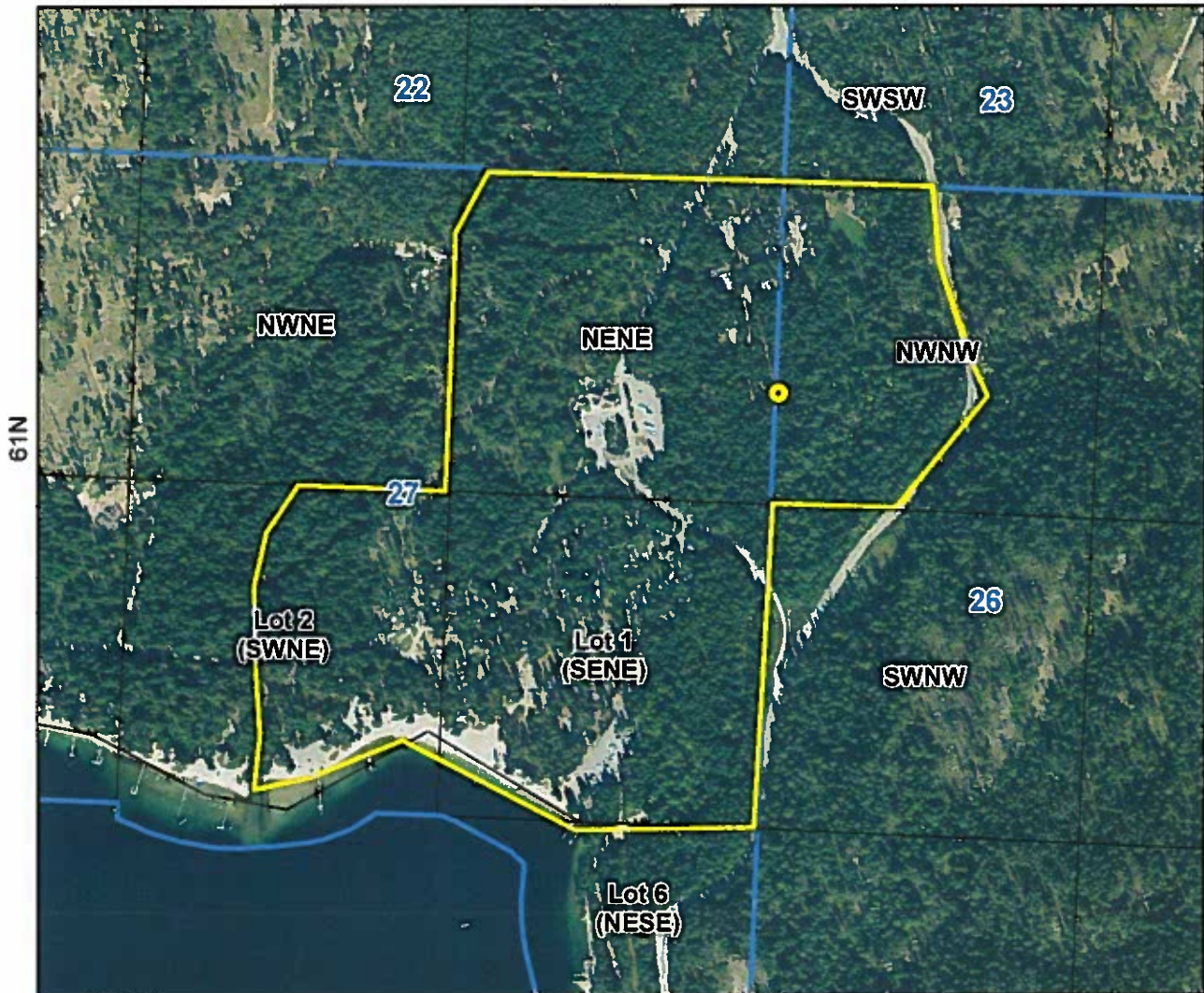
Field Examiner's Name Adam Friedman Date 3/2/2016
 Reviewer [Signature] Date 3-3-2016

State of Idaho
Department of Water Resources
Water Right License

97-7490

Domestic

04W



● Point of Diversion

□ Place Of Use Boundary

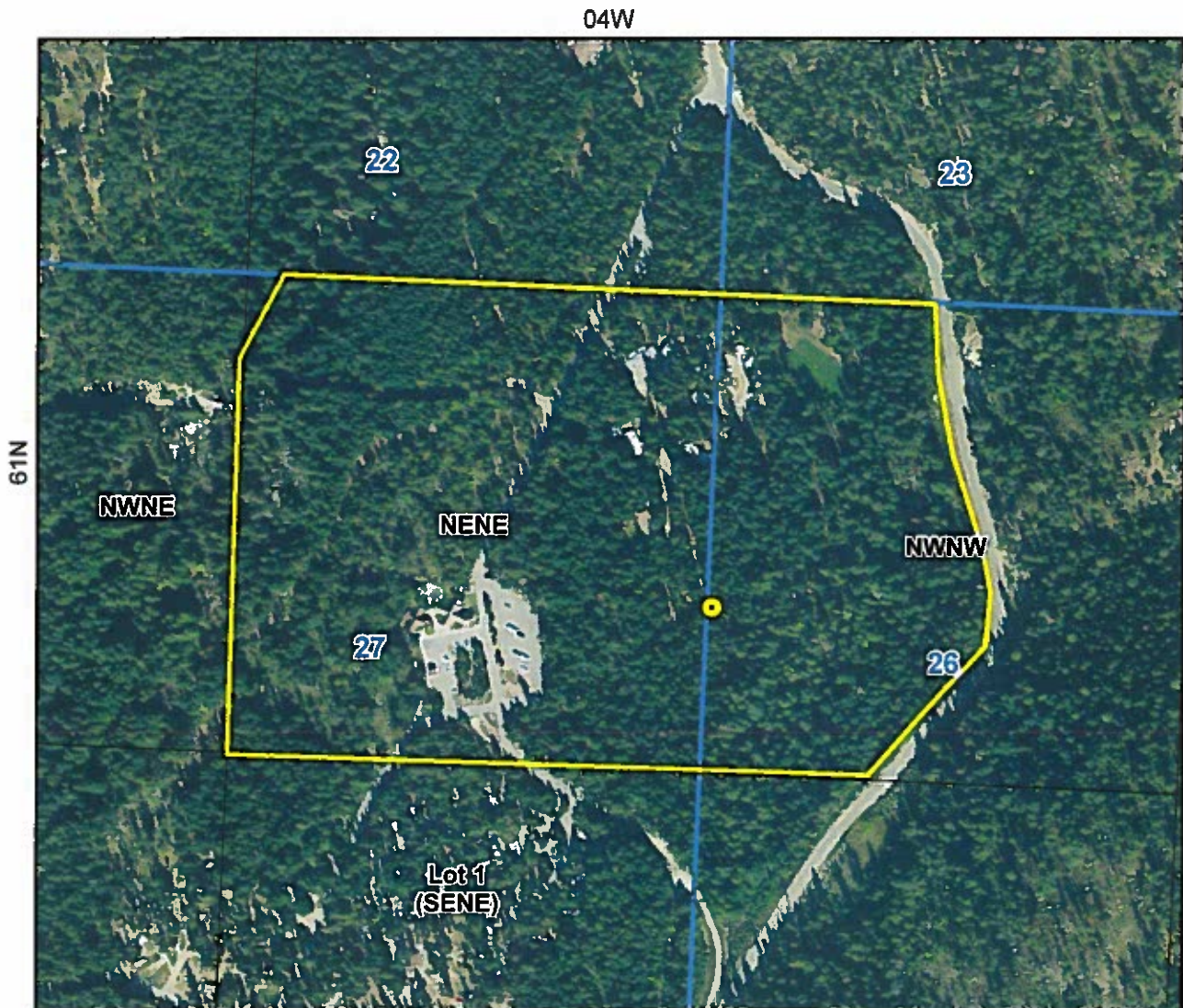
□ Townships

□ PLS Sections

0 0.075 0.15 0.3 Miles



State of Idaho
Department of Water Resources
Water Right License
97-7490
Fire Protection



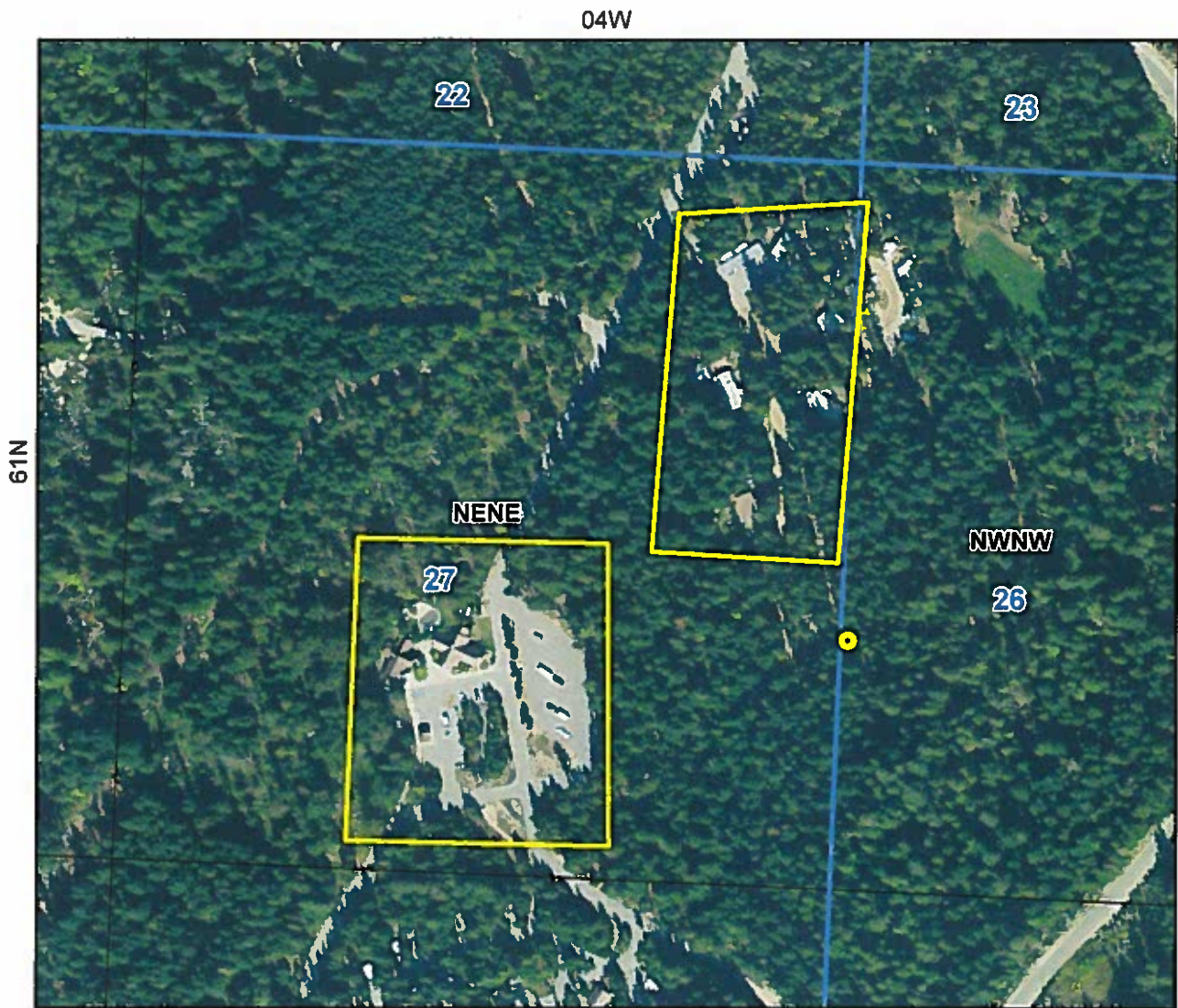
0 0.05 0.1 0.2 Miles

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



State of Idaho
Department of Water Resources
Water Right License

97-7490
Irrigation

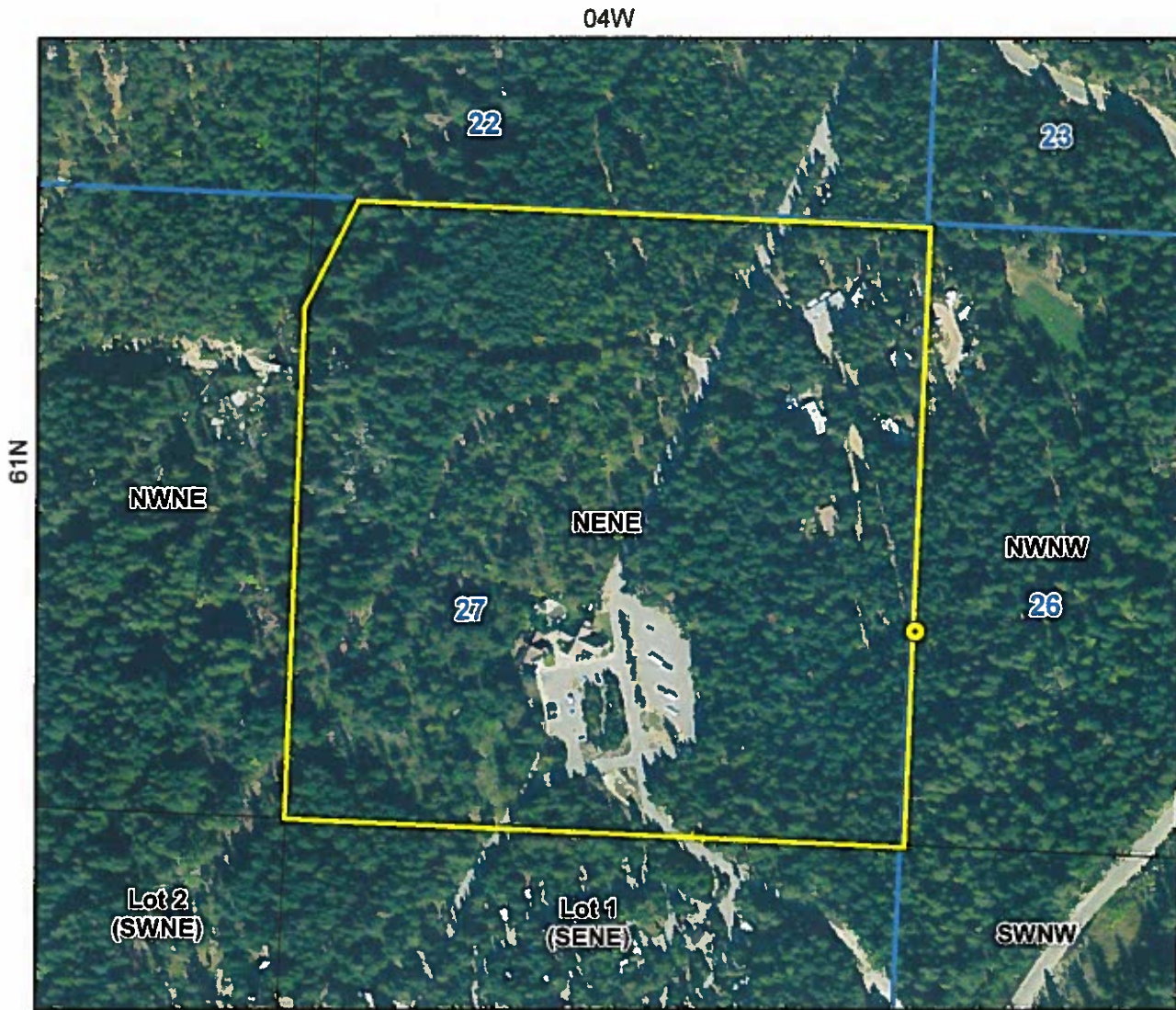


0 0.04 0.08 0.16 Miles

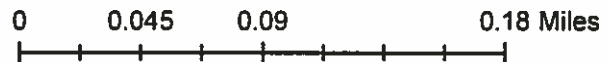
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections



State of Idaho
Department of Water Resources
Water Right License
97-7490
Commercial



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





07/15/2015

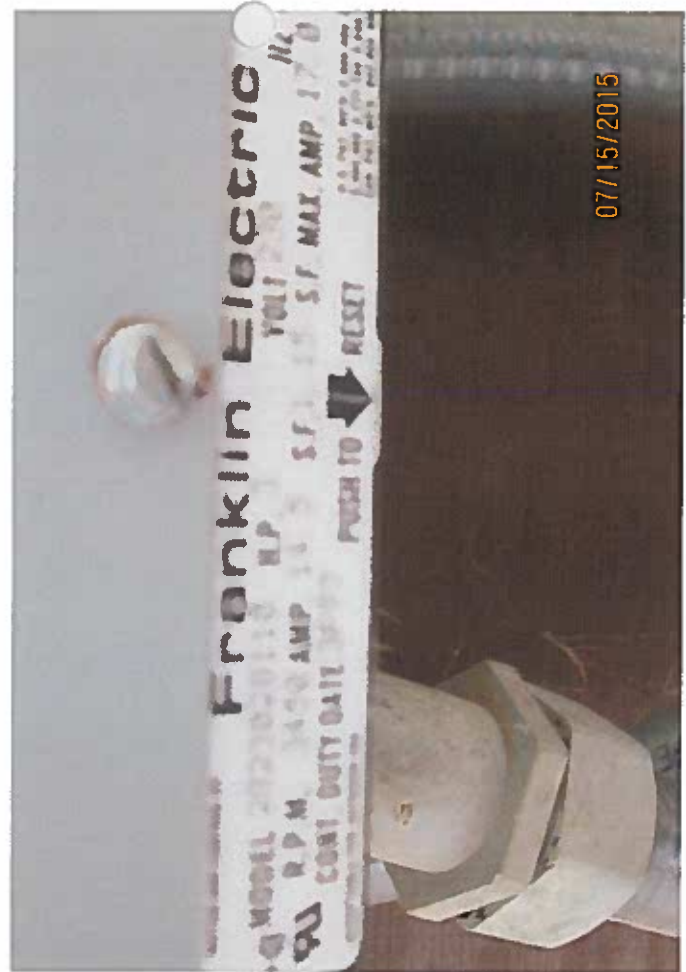
97-7490



07/15/2015



07/15/2015



07/15/2015

4/1/15	982866.0	.2 at
	temp 45	
2/20/16	9852840	.1 110
2/13/15	9892450	2

07/15/2015

97-7490

Date	Reading	Reading	Date	Reading	Reading	Date
5/27	8471312	0045500	5/27/15	023620	0045500	5/27/15
6/24	900858.0	Turning off	5/31	023620	0045500	5/31/15
8/4/14	914498.0	use	7/11	023620	0045500	7/11/15
10/22/14	933212.0	Turning off	7/11	023620	0045500	7/11/15
11/11/14	9744918	use	7/11	023620	0045500	7/11/15
12/20/16	9779413	use	7/11	023620	0045500	7/11/15
1/1/17	98379	use	7/11	023620	0045500	7/11/15
1/20/17	98379	use	7/11	023620	0045500	7/11/15
2/1/17	98379	use	7/11	023620	0045500	7/11/15
2/20/16	9852840	.1 110	7/11	023620	0045500	7/11/15
2/13/15	9892450	2	7/11	023620	0045500	7/11/15

07/15/2015

Date	Meter Reading	Reading
5/27	8471312	Turning off
6/24-2014	900858.0	Turning off
8/4/14	914498.0	use
10/22/14	933212.0	Turning off

07/15/2015

Date	Reading	Reading	Date	Reading	Reading	Date
10/25	4991790	5457040	10-22-2013	8231550	8231550	10-22-2013
6-22-2012	5457040	running	10-24-2013	8245090	8245090	10-24-2013
Turned on heat	10-5-2013	off	11-13-2013	8260320	8260320	11-13-2013
			11-21-2013	8264760	8264760	11-21-2013
			12-3-2013	8272220	8272220	12-3-2013
			1-22-2014	8308540	8308540	1-22-2014
			3-19-2014	8359090	8359090	3-19-2014

07/15/2015



97-7490

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 Idaho Parks & Recreation
Address 1838 N Lincoln way COA.
Owner's Permit No. 97-79-N-1

7. WATER LEVEL

Static water level 30 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ F. Quality Clear
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)

B. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Other <i>Air</i>		
Discharge G.P.M.	Draw Down	Hours Pumped

Discharge G.P.M.	Draw Down	Hours Pumped
30+		

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or
Injection

9. LITHOLOGIC LOG

[illegible]

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 8 inches Total depth 80 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>1.250</u> inches	<u>8 1/4</u> inches	<u>1</u> feet	<u>79</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 pecker 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 _____
 Type _____ Model No. _____
 Diameter _____ Slot size _____ Set from 80 feet to 84 feet
 Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal ☐ Cement grout
☐ Puddling clay ☒ Well cuttings
procedures used ☐ Sherry pit ☐ Temporary surface caving
☒ Overbore to seal depth

6. LOCATION OF WELL

atch map location must agree with written location.

Subscription Name_____

Lot No. _____ Block No. _____

County Douglas

AW x AW Sec. 26 T. 61 N.E. R. 4 E/W

10.

Work started Sept 1 finished Sept 4

II. DRILLERS CERTIFICATION

Firm Name Findlay & Deilling Firm No. 107

Address Box 386 Hayden Date 10/5/8

Signed by (Firm Official) Carl E. Fendley

and
(Operator) Tom Kala

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT