

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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DEPARTMENT OF
WATER RESOURCES

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 63-336771. Owner Osprey Property Owners Association, Inc.Phone No. 208-375-5389Current address 104 Falcon Drive, Bioise, ID 837162. Examiner's name Terry M. Scanlan, P.E., Certified Water Right Examiner EXAM DATE 1/3/2014

3. Accompanied by _____ Email _____

Address _____

Relationship to permit holder _____

Phone No. _____

4. Source Ground Water tributary to _____**B. OVERLAP REVIEW**1. Other water rights with the same place of use 63-5332, 63-53342. Other water rights with the same source and point of diversion 63-12537, 63-32945**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

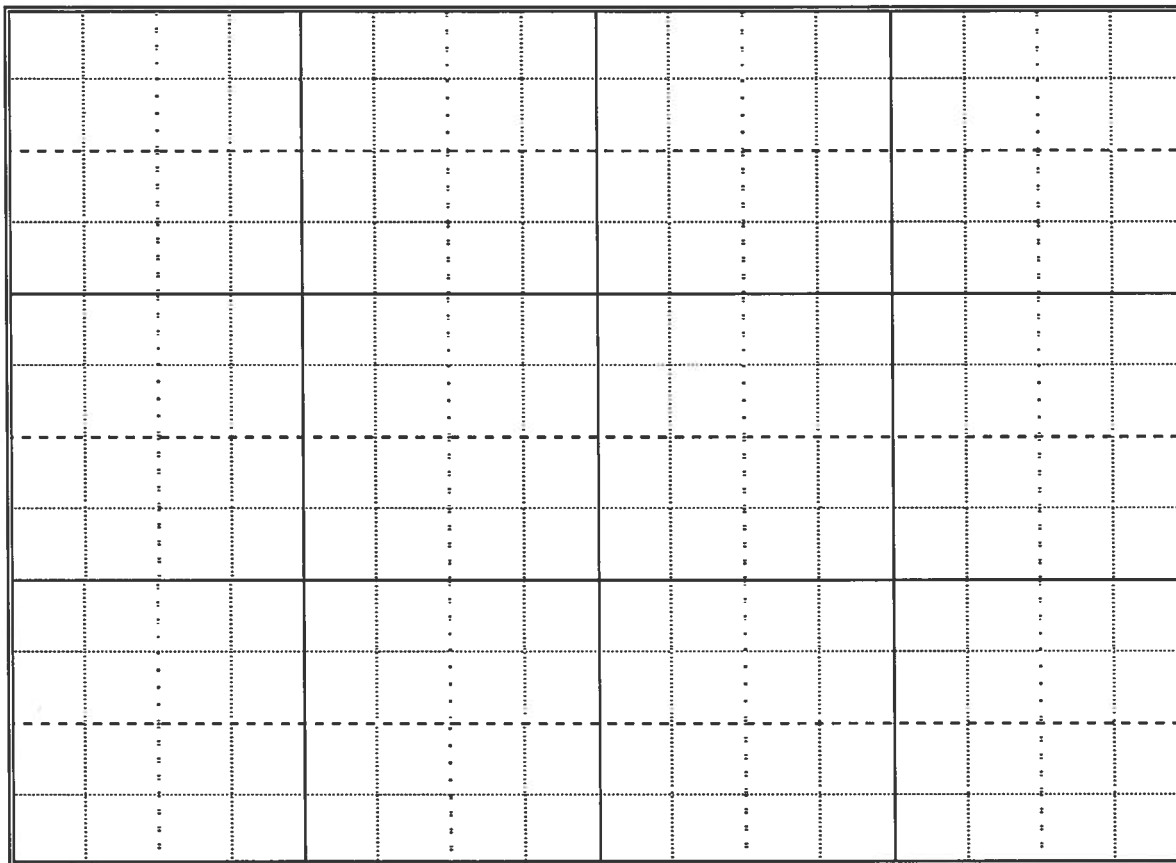
Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			SW	NE	2	4N	4E	Boise	Exam, GIS, Plat Map
			SW	NE	2	4N	4E	Boise	Exam, GIS, Plat Map

2. Place(s) of Use:

Method of determination _____

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	4E	2						X											
								L4											

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.



Scale: 1" = _____

- ☒ 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

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well 2		5	Submersible	Meyers	4" pump, 1.5" discharge
Well 3		5	Submersible	Meyers	4" pump, 1.5" discharge

*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
Flow Meter	Turbine	Neptune			2"	

2. **Measurements:** _____

System capacity with both pumps operating is 32 gpm + 31 gpm = 63 gpm = 0.14 cfs.

E. NARRATIVE/REMARKS/COMMENTS

Two 6-inch wells located on lot 3, block 2, Osprey Subdivision No. 1, each equipped with a 5 hp submersible pump, supply domestic water to sixty-eight (68) residential lots; 1 under this permit, 7 under right 63-32945 and 60 under right 63-12537. The one lot developed under this permit is the Freeman parcel located adjacent to Osprey Subdivision No. 2.

Please see the licensing field exams submitted for water rights 63-32945 and 63-12537 for well logs, associated pump curves & capacities and system diagram. This right, when combined with 63-32945 and 63-12537 is limited to a system capacity of 0.14 cfs.

The Freeman parcel receives ground water from the subdivision's domestic mainline system via a 1-inch service line located just south of Falcon Drive in the NE corner of the property. Photos of the property and existing service connection (stub) are included as Attachment C. As required, the wells provide domestic water to the Freeman property for internal potable uses only. A separate non-potable pressurized water system has been installed to supply irrigation water from Mores Creek under water rights 63-5332 & 63-5334. The Freeman parcel is authorized irrigation under these rights per approved transfer No. 78067.

The permit lists a water-bearing zone of 200 to 240 feet. Water-bearing zone developed was 221 to 238 feet.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

See licensing exams for water rights 63-32945 and 63-12537

G. 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:

Internal domestic use for one home: 0.6 afa

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1/1	12/31	0.04 cfs	0.6 afa
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			0.04 cfs	0.6 afa

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature

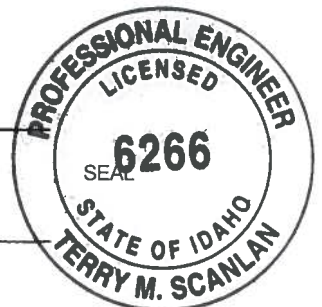
Terry M. Scanlan

Date

1/3/2014

Reviewer _____

Date _____



ATTACHMENT A

PERMIT RECORD AND PROOF OF BENEFICIAL USE

State of Idaho
Department of Water Resources
Permit to Appropriate Water

NO. 63-33677

Priority: July 30, 2012

Maximum Diversion Rate: 0.04 CFS

This is to certify, that OSPREY PROPERTY OWNERS ASSN INC
104 FALCON DR
BOISE ID 83716

has applied for a permit to appropriate water from:

Source: GROUND WATER

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
DOMESTIC	01/01 to 12/31	0.04 CFS

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SW1/4NE1/4	Sec. 2, Twp 04N, Rge 04E, B.M. BOISE County
GROUND WATER	SW1/4NE1/4	Sec. 2, Twp 04N, Rge 04E, B.M. BOISE County

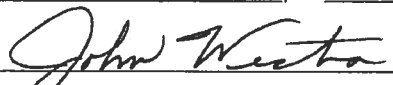
PLACE OF USE: DOMESTIC

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	04E	2						X											
								L 4											

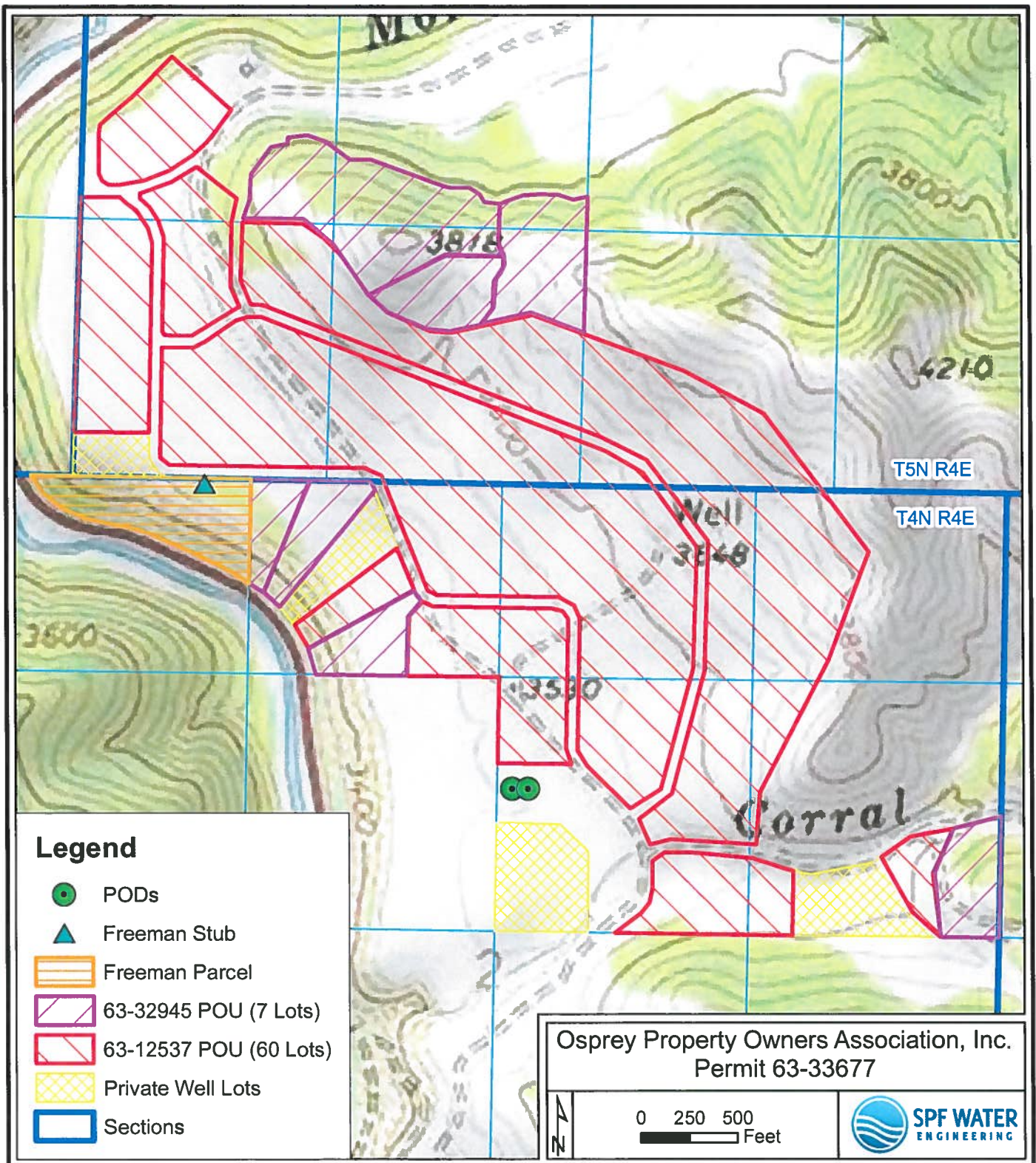
CONDITIONS OF APPROVAL

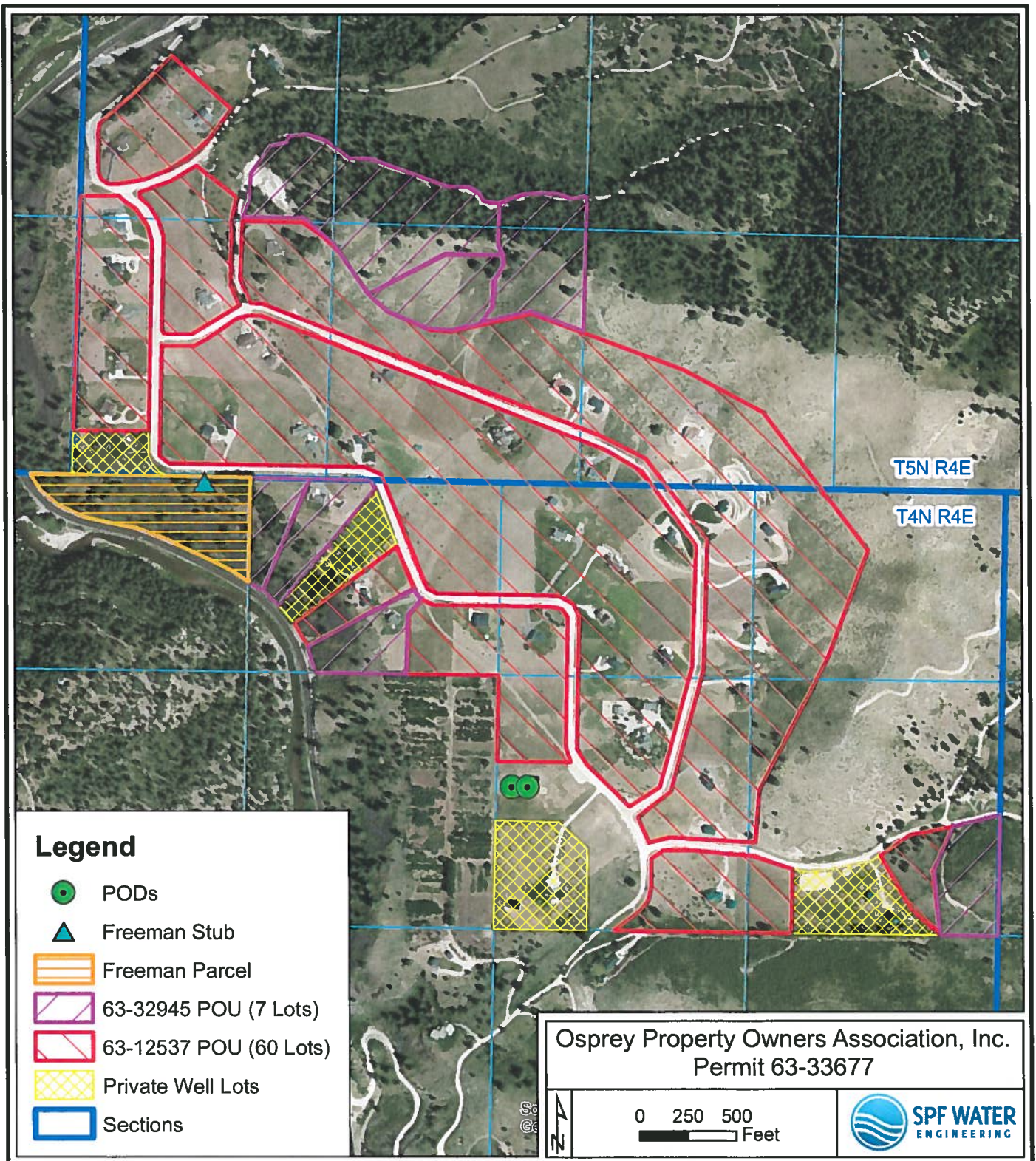
1. Proof of application of water to beneficial use shall be submitted on or before **November 01, 2017**.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
5. Domestic use is for 1 homes and does not include lawn, garden, landscape, or other types of irrigation.
6. Water bearing zone is from 200 to 240 ft.
7. This right does not grant any right-of-way or easement across the land of another.
8. Place of use is located within Freeman Parcel, Osprey Subdivision #2.

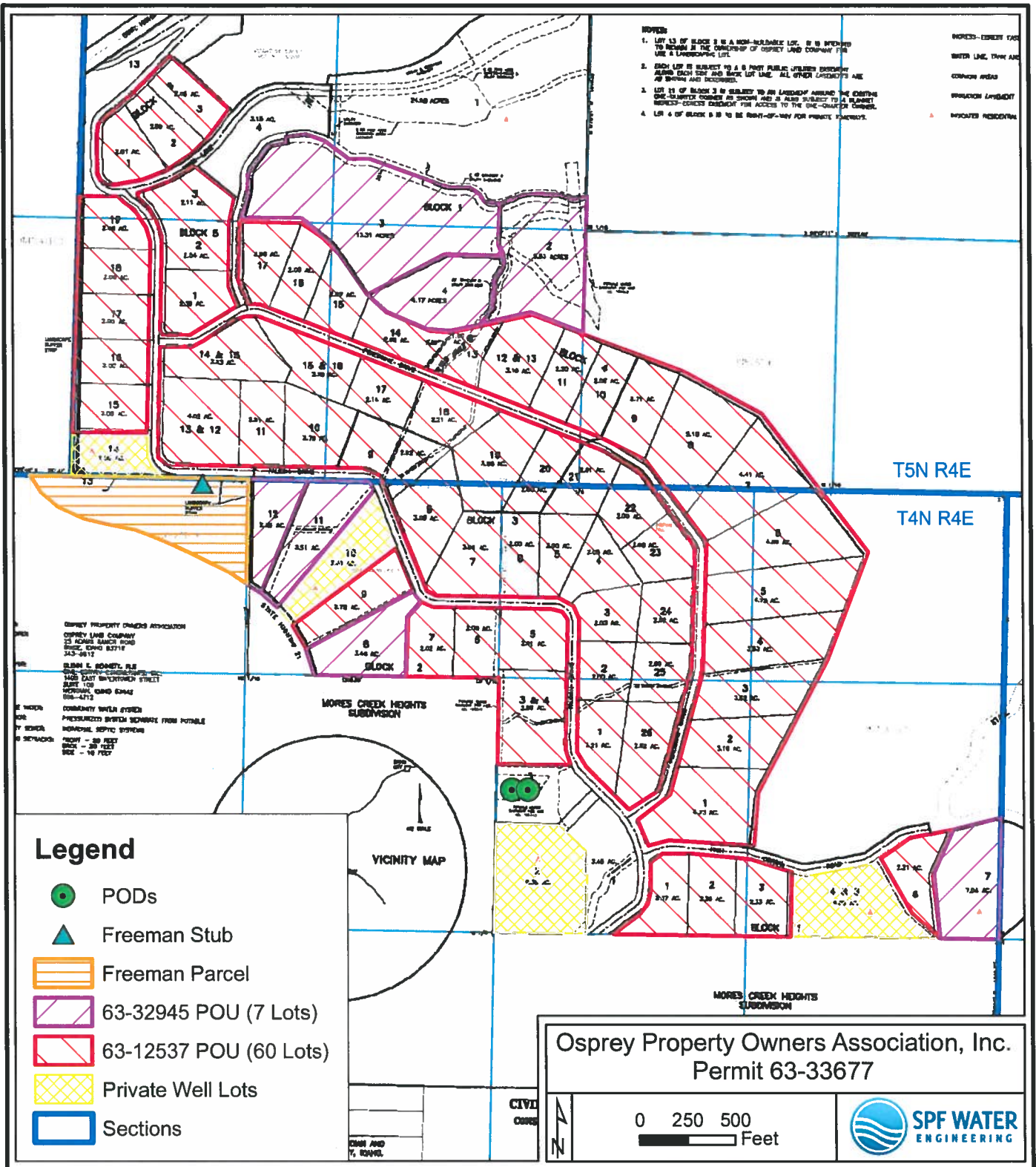
This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the signature of the Director, affixed at Boise, this 7th day of November, 2012.


JOHN WESTRA, Western Regional Manager

ATTACHMENT B
TOPO MAP, AERIAL PHOTO, PLAT MAP







ATTACHMENT C
PHOTOS



Figure 1: Freeman parcel connection to subdivision's domestic ground water system

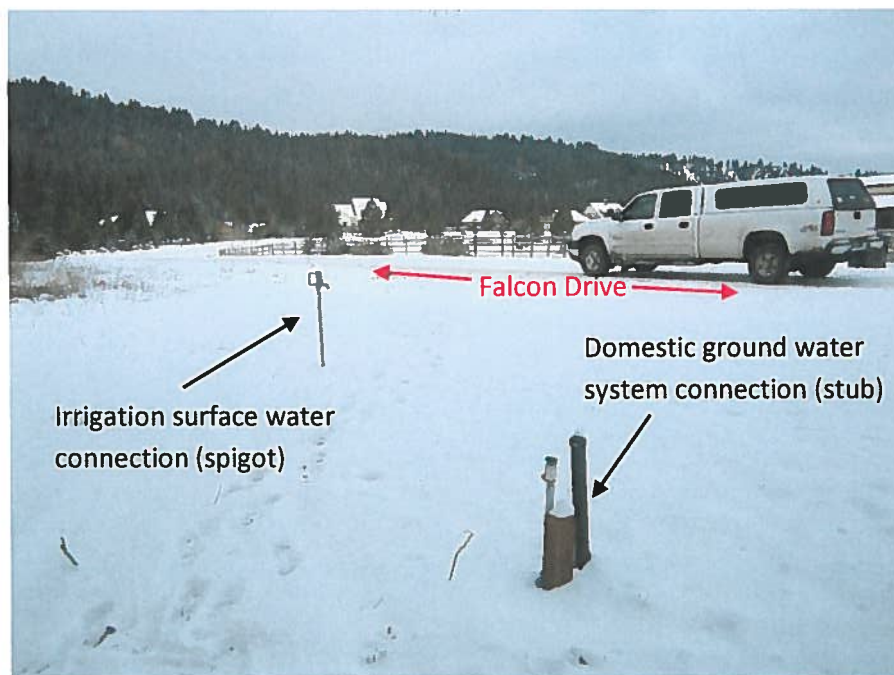


Figure 2: Location photo