

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**

E0006511

*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:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

2. Volume Calculations for Other Uses: 60 gallons per person/day standard rates

Total park visitors = 1620yr/365 = 4.44 visitors/day x 60 gal/day = 266.4 gallons/day x 365 = 97236 gallons

97236 gallons/325850 = .30 af

G. NARRATIVE/REMARKS/COMMENTS

Spring head is a 14" diameter pipe placed into the hillside. There is a small building just downstream with a 500 gal storage tank. Storage tank has a 6" pipe on the bottom that connects to pipeline system. This pipe has a shutoff valve. The building is locked. Water is tested quarterly by employees, every 5 years for nitrates and every 10 years for GWUI, public water System # 720031.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts****BENEFICIAL USE****PERIOD OF USE****DIVERSION RATE****ANNUAL VOLUME**

DOMESTIC

01/01 to 12/31

0.100 CFS

.30 AF

Totals:

0.100 CFS

.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 ____ Other

I. AUTHENTICATION

Field Examiner's Name

Kerrie Mathews

Date

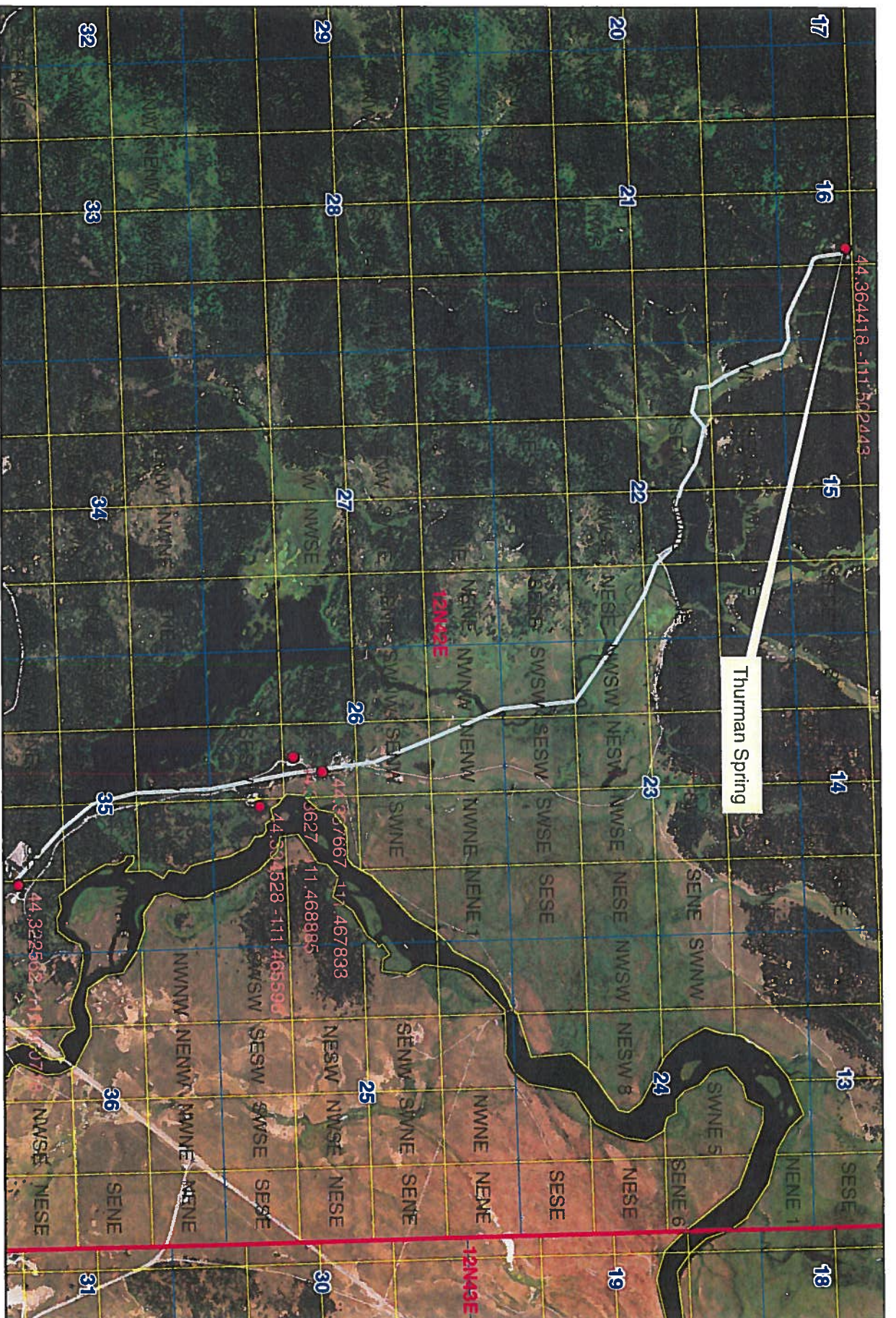
6-19-2012

Reviewer

James Cefalo

Date

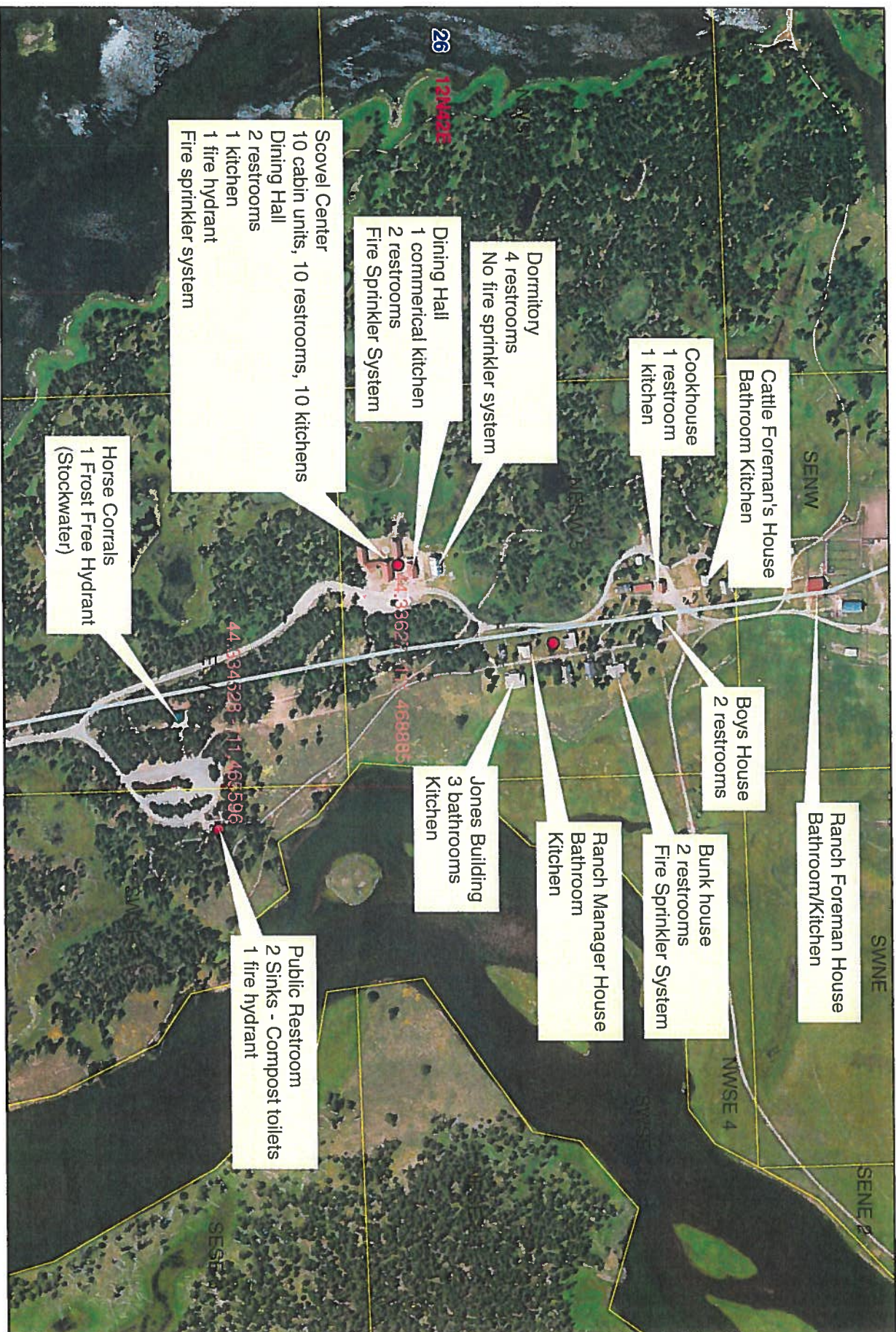
5/6/2013



- Pipeline
- Township/Range
- Sections
- QQ

Harriman State Park - Field Exam - June 19, 2012





Pipeline

Township/Range

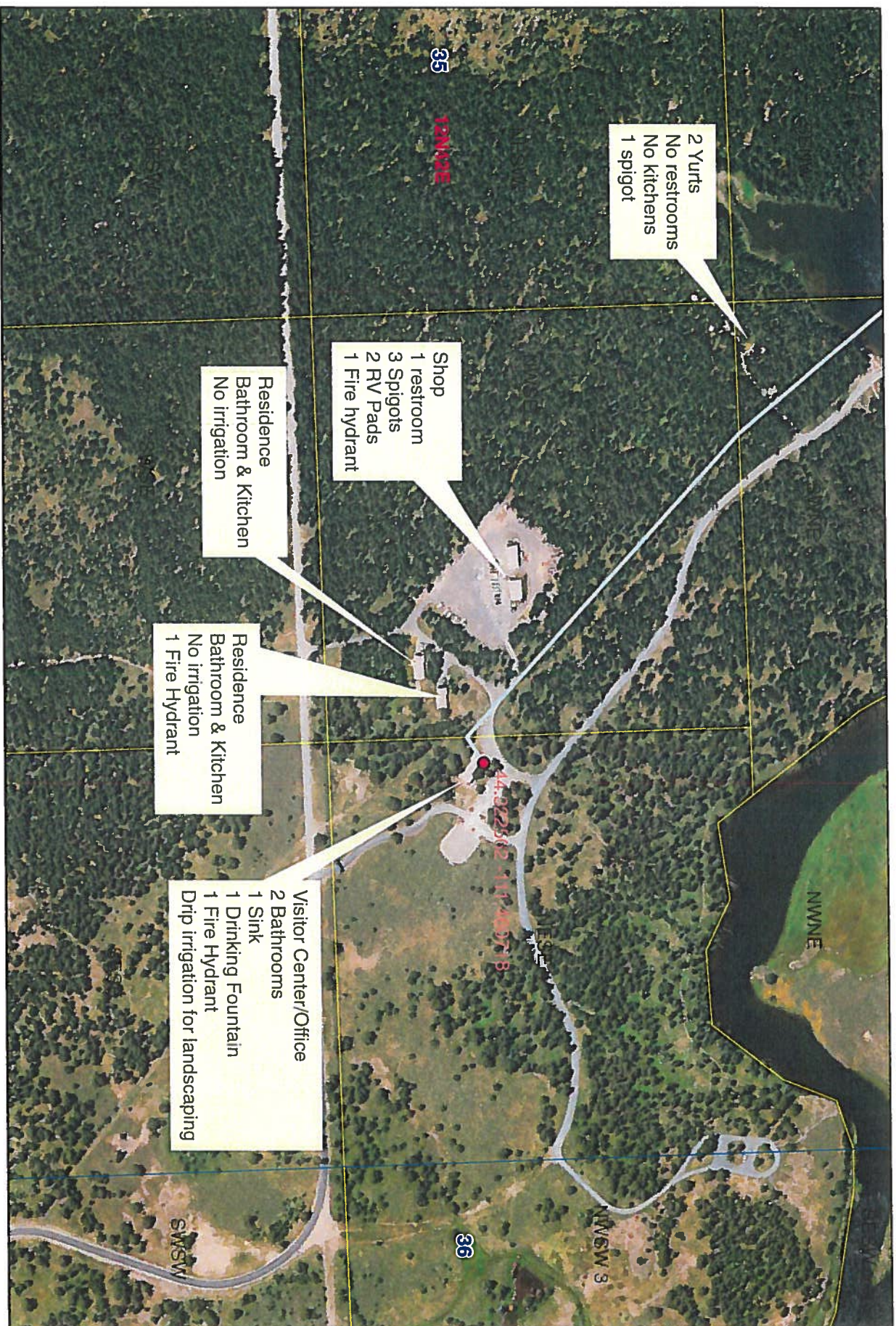
Sections

QQ

NOTE: Well in NESW is no longer used

All water for Harriman originates from Thurman Spring

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Pipeline

Township/Range

Sections

QQ

Harriman State Park - Field Exam - June 19, 2012



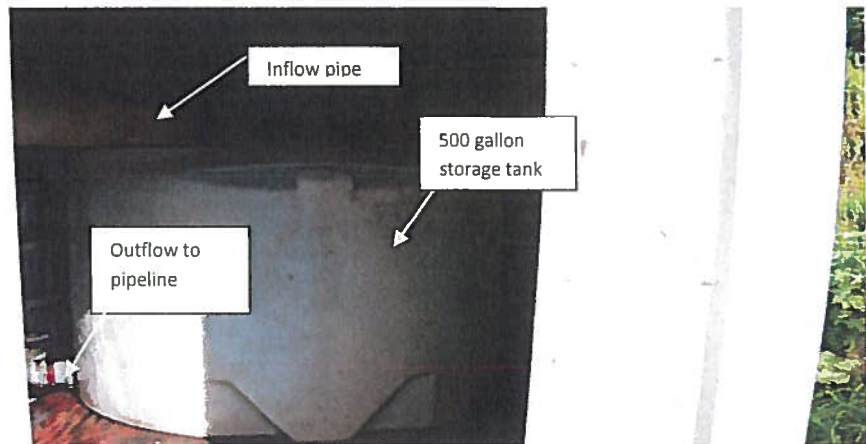
Harriman State Park – Field Exam – June 19, 2012 – Thurman Spring



Head of Thurman Spring



Spring house



Inside spring house



Outline to pipeline with a shut-off valve



Overflow back to Thurman Creek

02-13-2013

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report 21-13110

WATER RIGHT NUMBER: 21-13110

Owner Type: Name and Address
Current Owner STATE OF IDAHO
DEPT OF PARKS & RECREATION
PO BOX 83720
BOISE, ID 83720-0065
(208)334-4199

Priority Date: 4/30/2009

Status: Active

Source: WEST THURMON CREEK SPRING
Tributary: THURMON CREEK

<u>Beneficial Use:</u>	<u>From / To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.100 CFS	
	<u>Total Diversion</u>	0.100 CFS	

Location of Point(s) of Diversion:

WEST THURMON CREEK SPRING NESWSE Sec. 16, Twp 12N, Rge 42E B.M. FREMONT County

Place of Use:

DOMESTIC within FREMONT County

			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12N	42E	26									X								
											L5								

Conditions of Approval:

1. WB5 Domestic use is for 2 park buildings and does not include lawn, garden, landscape, or other types of irrigation.
2. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 01.
3. 01R When notified by the Department, the right holder shall install and maintain a measuring device of a type acceptable to the Department as part of the diverting works.
4. 106 Prior to the diversion and use of water under this approval, the right holder shall comply with applicable water quality permitting requirements administered by the Department of Environmental Quality.

Combined Use Limits: N/A

SubCase: N/A

Water Supply Bank: N/A

NARRATIVE

SCOVEL & DINING FACILITY AT HARRIMAN STATE PARK

DOMESTIC USES:

- Domestic use is for 2-park buildings (Scovel Center & Dining Facility). See MAP 1 OF 2.

The building "Scovel Center" provides a meeting area and ten guest rooms each with toilet, sink & shower/tub. The meeting area has 2 separate bathroom sinks, with 2 toilets & culinary water for 1 kitchen sink.

The building "Dining Facility" provides domestic & culinary water for 3 kitchen sinks 2, bathroom sinks, 2 toilets & 1 janitor sink.

Estimated guest use of these facility's are 90 nights per year and 18 people per night (90*18) for a total of 1620 guests/year.

The above details should provide IDWR with the required volume data for this application.

SYSTEM DESCRIPTION:

- These building are connected to an existing water system at a point approximately 2.75 miles from the West Thurman Creek Spring's source. See MAP 2 OF 2.
- THE BENEFICIAL USES AND THE SYSTEM ARE EXISTING AND COMPLETED.