

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 85-15505

Exam Date: 5/30/2012

1. Current Owner: JOSEPH SCHNELL
231 MILL CREEK LN
GRANGEVILLE ID 83530
(208)983-9705
Email: jrparadise2@yahoo.com

2. Accompanied by: Mrs. Schnell

Phone No: (208)983-9705

Address: 231 Mill Creek Ln., Grangeville, ID 83530

Relationship to Permit Holder: wife of current owner

Additional information was obtained by a 7/25/2013 phone conversation with Joseph Schnell, on the narrative of the entire system, to ensure that I had it accurate.

3. SOURCE

UNNAMED STREAM

TRIBUTARY

MILL CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None from either unnamed stream.
2. Other water rights with the same point of diversion: None. 85-4120 is in the same QQ, but it is for stockwater from Mill Creek.

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

UNNAMED STREAM NE1/4NW1/4 Sec. 27, Twp 30N, Rge 03E, B.M. IDAHO County

UNNAMED STREAM NE1/4NW1/4 Sec. 27, Twp 30N, Rge 03E, B.M. IDAHO County

Method of Determination: Garmin GPS Map, ArcMap Esri and 2011 imagery.

2.

PLACE OF USE: WILDLIFE STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
30N	03E	27		X				X											

Method of Determination: Garmin GPS Map, ArcMap Esri and 2011 imagery.

3. ☐X Delivery System Diagram Attached (required). Indicate all major components and distances between components. 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**

Pond #1 overflow, and Pond #2 overflow are the 2 PODs, for these on-stream ponds with flow through system (entire gravity flow system).

*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. No flow rate or diversion to storage is required, since these are On-Stream ponds.

2. Measurements:

None.

E. FLOW CALCULATIONS

Measured Method: No flow rate required on On-Stream ponds.

F. VOLUME CALCULATIONS

1. Volume Calculations for Wildlife Storage:

Pond #1: 0.66 acre X 14 ft average depth = 9.2 af

Pond A & B: (0.03 + 0.01 acre) X 6 ft average depth = 0.2 af

Pond #2: 1.0 acre X 16 ft average depth = 16.0 af

Total Annual Volume: 25.4 af

RECOMMEND: 10.0 af as permitted

****On 8/7/2013, I contacted Mr. Schnell about filing another application for permit for the remaining AF, not covered under the permit. A copy of the application for permit and map will be mailed to Mr. Schnell with the amendment.)**

G. NARRATIVE/REMARKS/COMMENT

At the time of the field examination, there were 2 Unnamed Stream sources found that supply water to 2 large and 2 small On-Stream storage ponds, used for Wildlife Storage.

#1 Unnamed Stream originates from a 2-inch overflow into a 3 ft X 2 ft X 1 ft pond located south of the house. The source of this unnamed stream is overflow from an artesian well that used to form a stream through the yard, but has since been piped with 2-inch buried PVC when the lawn was put in. The 2-inch pipe open discharges into the heart-shaped pond #1. On the southeast side of this pond is the overflow (POD) which flows into the additional interconnected smaller ponds (Ponds A & B) which continue to co-mingle with #2 Unnamed Stream prior to discharging into the on-stream pond 2. The overflow (POD) for Pond #2 is located on the west side, where it then continues down the unnamed stream going to the north, then turning and going east off of Mr. Schnell's property. The intake and overflows are screened. The source for the #2 unnamed stream is run-off. Pond #1 average depth is 14 ft, with the deepest being 16 ft. Ponds A & B average depth is 6 ft. Pond #2 average depth is 16 ft, with the deepest being 20 ft. (On 7/14/2014, Mr. Schnell verified the POD location for Ponds 1 & 2, and gave information on the depths of the ponds).

****There have been no changes to the system, other than piping the #1 unnamed stream, when the lawn was put in. If it had not been piped, it would have continued to run through the entire back yard. The 2 little ponds (Ponds A & B) were suppose to be part of Pond #1, but Mr. Schnell lost his backhoe man, so the project did not get completed. That is why at that location there are Pond #1, and Ponds A & B.

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>
WILDLIFE STORAGE	01/01 to 12/31		10.00 AF
<u>Totals:</u>			10.00 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

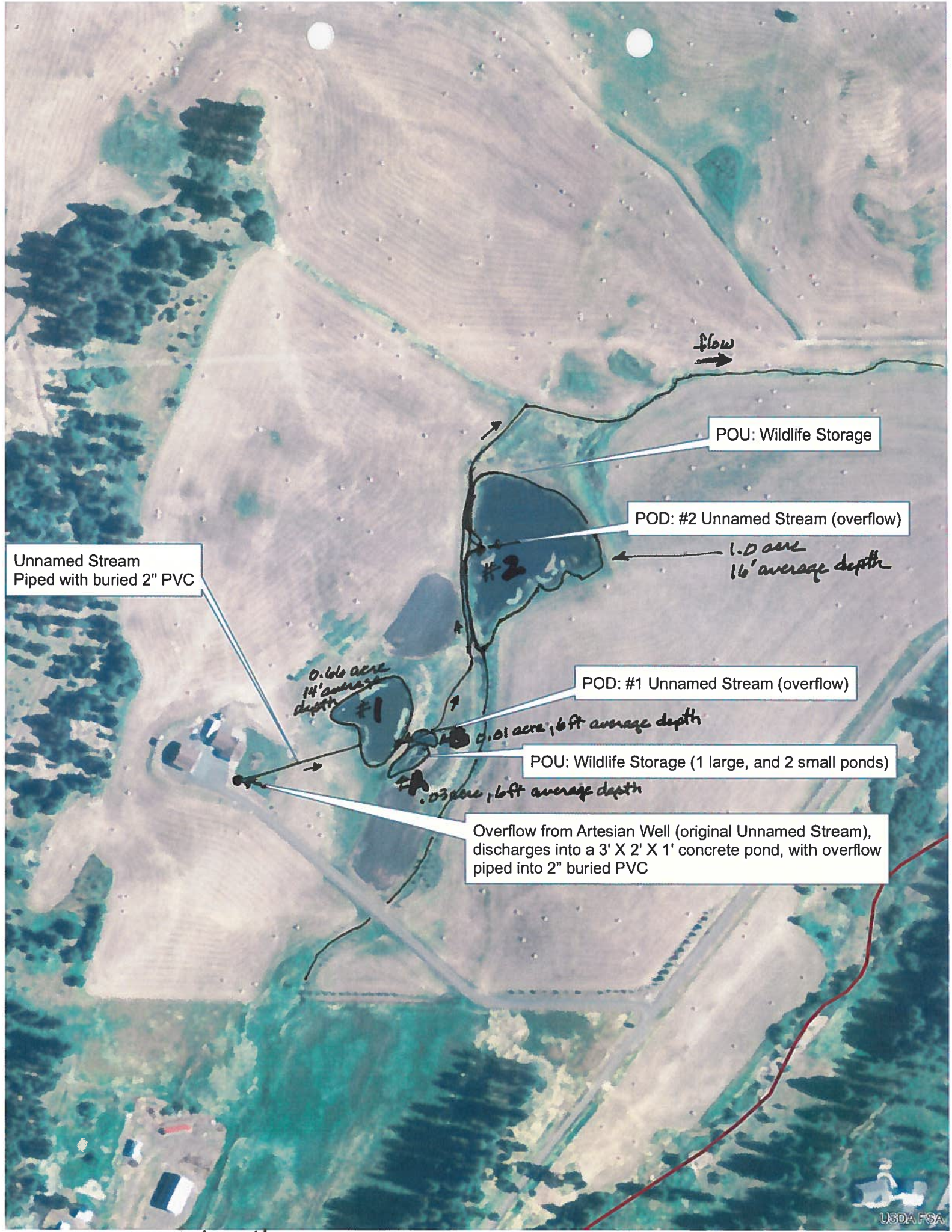
The POD for Pond #2 is in the NENW, and not in the NWNE.

I. AUTHENTICATION

Field Examiner's Name



Date: 8/6/2013



flow
→

POU: Wildlife Storage

POD: #2 Unnamed Stream (overflow)

1.0 acre
16' average depth

Unnamed Stream
Piped with buried 2" PVC

POD: #1 Unnamed Stream (overflow)

0.66 acre
14' average depth

0.01 acre, 6 ft average depth

POU: Wildlife Storage (1 large, and 2 small ponds)

0.03 acre, 6 ft average depth

Overflow from Artesian Well (original Unnamed Stream),
discharges into a 3' X 2' X 1' concrete pond, with overflow
piped into 2" buried PVC



Artesian well overflows that is the source for #1 unnamed stream until it is piped across yard, then open discharge to pond #



POD
overflow
Pond #1

05/30/2012



#2
unnamed
stream
source

05/30/2012

85-15505 Schnell

S. Hemenway



POU
pond #2

POU
pond #1

05/30/2012



POD
overfla
Pond #:

05/30/2012

MEMORANDUM

Date: August 06, 2013
To: Water Right File 85-15505
From: shemenway
Re: Unchanged System

On 6/25/2013, in a phone conversation with Mr. Schnell (208)983-9705, when he was developing the ponds, he piped in the #1 unnamed stream source that crosses his yard so he could put in his lawn, and make it easier for mowing. Nothing changed. If the 2-inch buried pipe was not there, the unnamed stream would still be running to Pond #1.