

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW of FIELD REPORT

A. GENERAL INFORMATIONPermit No: 74-14293

Exam Date: 06/13/12

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N

a. Irrigation of 5 acres or less

b. Storage of up to 14.6 AF for stockwater purposes only

c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

d. Other: < >

2. Current Owner: Name: USFS

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No: Address

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0872554. **SOURCE****TRIBUTARY**

Spring

Sinks

Method of Determination: USFS info.

Change in Source:

 Y X N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis
75-13722	Spring	Stockwater	Decreed

Comments: Per USFS, 75-11009 is a separate facility (email dated 05/30/2014). *for USFS, 75-13722 is separate system (email dated 06/06/2014)*

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis
75-13722	Spring	Stockwater	Decreed

Comments: Per USFS, 75-11009 is a separate facility (email dated 05/30/2014). *for USFS, 75-13722 is separate system (email dated 06/06/14)*

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		NE	SW	NW	23	17N	21E	B.M.	Lemhi
								B.M.	

Method of Determination: GPS provided by USFS

Change in POD? X Y N Amendment Required? X Y N

2. **PLACE OF USE:** Use: Stockwater

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	N W	S W	SE	NE	N W	SW	SE	NE	N W	S W	SE	NE	N W	S W	SE	
17N	21E	22				X			X										
17N	21E	23																	
		Lot #																	
Total Acres =																			

Method of Determination: Pictures and GPS provided by USFS.

Change in POU? X Y N Amendment Required? X Y N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 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

*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:

0.02 cfs within IDWR Standards per Application Processing Memo #3 for 201-300 cattle.

Measurement = 0.02 cfs**Permit allowed = 0.02 cfs****License recommend for 0.02 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$
$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

4.1 afa per Application Processing Memo #3 for 201-300 cattle.

G. PURPOSE OF USEIrrigation ☐ Y ☐ N # Stock 295 Domestic # of Homes

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Information provided by USFS

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

In Wild and Scenic Watershed: Salmon River Excluding Middle Fork
No Fish Screen, measuring device, or lockable device requirement
No Water District

Have conditions of permit approval been met? ☒ X Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater	06/01 to 10/31	0.02 CFS	4.1
	<u>Totals:</u>	0.02 CFS	4.1

2. Recommended Amendments☒ X Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None☒ X Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATIONField Examiner's Name Daniel P. Tamm Date 06/06/11Reviewer Daniel P. Tamm Date 6-23-14

POU

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
75	11009			Water Right	Decreed	Active	N	410576	11/5/1906	0.02	UPPER DRY GULCH SPRING	STOCKWATER	UNITED STATES OF AMERICA AC
75	14293			Water Permit		Active	N	603517	6/5/2006	0.02	SPRING	STOCKWATER	US DEPT OF AGRICULTURE
75	13722			Water Right	Decreed	Active	N	410710	11/5/1906	0.02	SPRING	STOCKWATER	UNITED STATES OF AMERICA AC
			Other Owner	Leased to Water Application	Approval	Total Acre Limit	Volume				Water District		
				No									
				No		8/3/2006							
				No							23 SWNW only		

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
75	11009			Water Right	Decreed	Active	N	410576	11/5/1906	0.02	UPPER DRY GULCH SPRING	STOCKWATER	UNITED STATES OF AMERICA AC
75	14293			Water Permit		Active	N	603517	6/5/2006	0.02	SPRING	STOCKWATER	US DEPT OF AGRICULTURE
			Other Owner	Leased to Water Application	Approval	Total Acre Limit	Volume				Water District		
				No									
				No		8/3/2006							

Favreau, Danielle

From: Spencer, Steven M -FS [sspencer@fs.fed.us]
Sent: Friday, June 06, 2014 10:49 AM
To: Favreau, Danielle
Subject: RE: 75-14293
Attachments: 75-14293 & 75-13722 USGS.jpg

Danielle,

My understanding of these two is that they are separate as shown on the attached map I put together. I hope this helps. If you need anything else on this one please let me know.

Steve

	Steven M. Spencer Water Use Specialist USDA Forest Service 1805 Hwy 16 Rm 5 Emmett, ID 83617 sspencer@fs.fed.us (208) 365-7055	
<i>The environment is everything that isn't me. - Albert Einstein</i>		

From: Favreau, Danielle [<mailto:Danielle.Favreau@idwr.idaho.gov>]
Sent: Tuesday, June 03, 2014 4:34 PM
To: Spencer, Steven M -FS
Subject: 75-14293

Hi Steve,

Hopefully quick question on 75-14293: Is 75-13722 for historic stock use directly from this spring? If not, is it related to 75-14293?

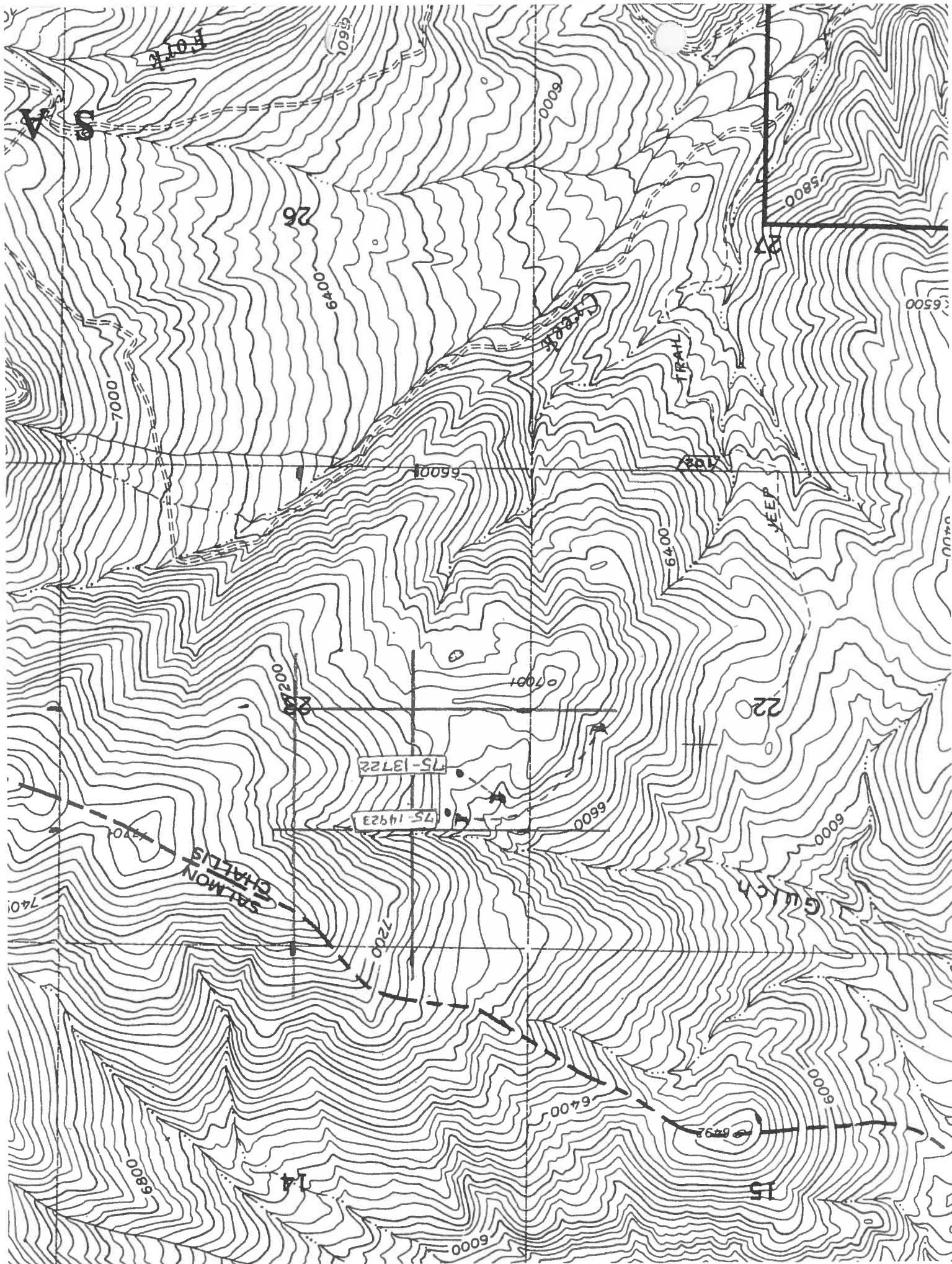
Thanks

Danielle

Danielle Bruno-Favreau, GISP
GIS Analyst
Idaho Dept. of Water Resources
322 East Front St.
PO Box 83720
Boise, ID 83720-0098

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Favreau, Danielle

From: Spencer, Steven M -FS [sspencer@fs.fed.us]
Sent: Friday, May 30, 2014 3:00 PM
To: Favreau, Danielle
Cc: Nelson, Dan
Subject: RE: Still need 75-7632 & 75-14293
Attachments: Field Verification 75-14293.docx

Danielle,

And the good news is: Here is the field verification for 75-14293. It looks like a permit amendment is needed to change the POD from the SWNENW to the NESWNW Sec 23 and the 2nd POU from the NESE to the SENE Sec 22.

This was some question because of proximity to 75-11009. The information I have is that these are two separate facilities.

If you have any questions about this one please let me know. Otherwise, I'll look for a Permit Amendment to send on to Salmon.

Thank you.

Steve

	Steven M. Spencer Water Use Specialist USDA Forest Service 1805 Hwy 16 Rm 5 Emmett, ID 83617 sspencer@fs.fed.us (208) 365-7055	
<i>The environment is everything that isn't me. - Albert Einstein</i>		

From: Favreau, Danielle [<mailto:Danielle.Favreau@idwr.idaho.gov>]
Sent: Friday, May 30, 2014 9:03 AM
To: Spencer, Steven M -FS
Cc: Nelson, Dan
Subject: Still need 75-7632 & 75-14293

Hi Steve,

Just a reminder that I need the field review information for 75-7632 and 75-14293 by June 16. That is only 17 days away!

Please let me know if you need anything.

Danielle

Danielle Bruno-Favreau, GISP
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PO Box 83720
Boise, ID 83720-0098

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Water Right Verification

Salmon-Challis National Forest

Water Right Permit #	75-14293
Water Development Name	Dry Gulch Spring
Date Verified	10/23/2013
Personnel	MacFarlane/Deschaine

General Description: This water development includes a spring feeding 2 troughs along a 2200-foot pipeline. This site is accessed via FR#40077 (Dry Gulch Road) from the Allison Creek Road (permission required to cross private property).

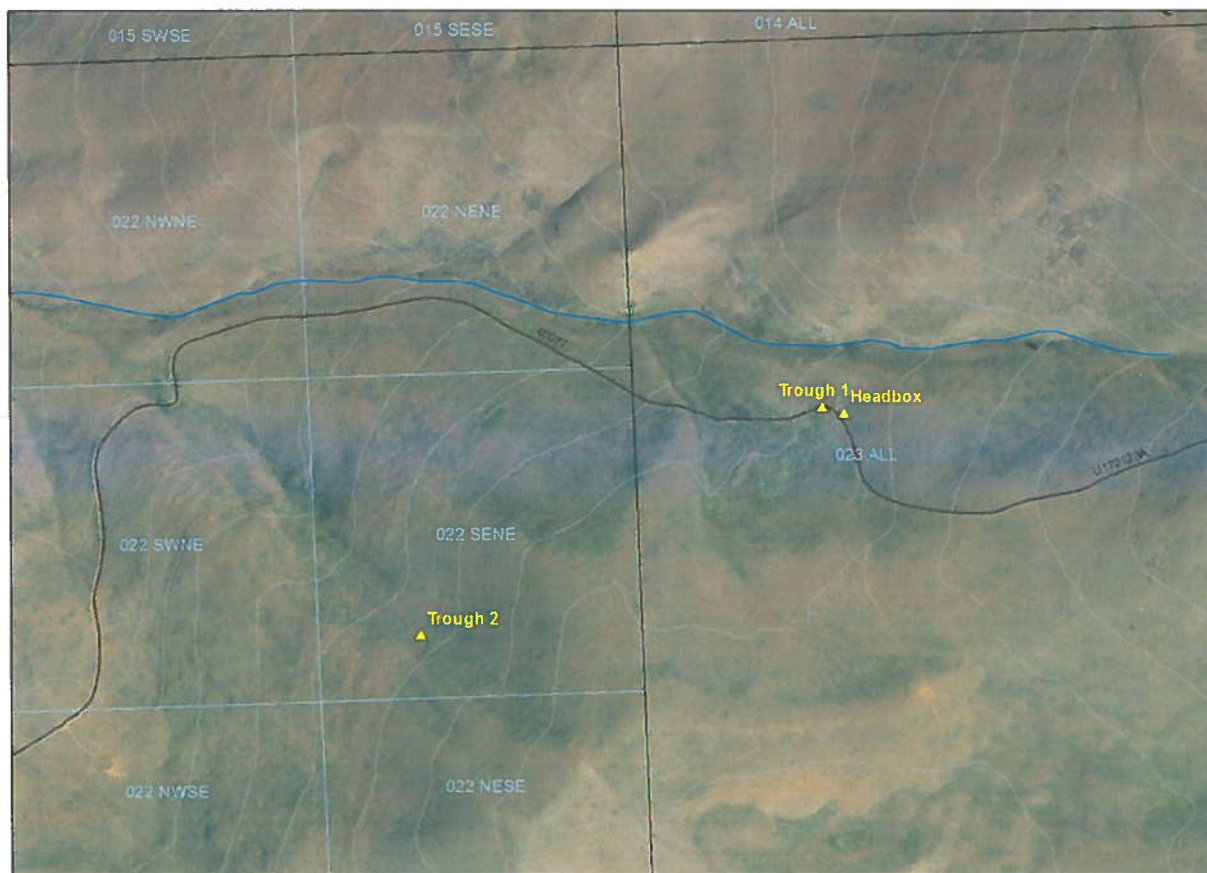
Water Right Permit legal description:

	Water Right Permit (75-14293)	Field Verified Location 75-14293
POD	SW¼ NE¼ NW¼ S23 T17N R21E	NE¼ SW¼ NW¼ S23 T17N R21E
POU	SW¼ NW¼ S23 T17N R21E NE¼ SE¼ S22 T17N R21E	SW¼ NW¼ S23 T17N R21E SE¼ NE¼ S22 T17N R21E

Does verified location match water right legal description: NO.

The POD for 75-14293 is approximately 0.25 miles SW of the location shown on the Permit (different quarter-quarter). The verified location of the lower trough is also in a different quarter-quarter than that shown on the Permit.

Site map with verified point locations:



Water Right Verification - 2013
#75-14293
Upper Dry Gulch, 10-23-2013



0 0.1 0.2 0.4 Miles

Point of Diversion (POD): Spring Headbox

Verified GPS Coordinates (NAD83): 12T / 0266763 / 4964266
Verified Legal Location: NE¼ SW¼ NW¼ S23 T17N R21E

This spring headbox is a wooden headbox with a wooden cover that is flush with the ground and covered by sticks and a large rock. There is standing water around the headbox. It is unfenced. This spring supplies a buried pipeline approximately 100 feet to Trough #1. The water right permit file shows the spring for this system on a steep hillslope 0.25 miles NE of and 300 vertical feet above this location, but no spring was found on the steep hillslope.

Photos (10/23/2013):

**Place of Use (POU): Trough #1**

Verified GPS Coordinates (NAD83): 12T / 0266736 / 4964276
Verified Legal Location: NE¼ SW¼ NW¼ S23 T17N R21E

This trough is a new 8-foot diameter fiberglass trough. The trough is empty and has been disconnected for the season. The trough is in good condition and appears to be functional.

Photos (10/23/2013):



Place of Use (POU): Trough #2 _____

Verified GPS Coordinates (NAD83): 12T / 0266216 / 4964030

Verified Legal Location: SW¼ SE¼ NE¼ S22 T17N R21E

This trough is a 10-foot long oval-shaped metal trough. The trough is empty and currently disconnected from the pipeline for the winter.

Photos (10/23/2013):