

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 75-14088

Exam Date: 06/28/12

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: Bureau of Land Management
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: C074899

4. **SOURCE****TRIBUTARY**

Cabin Creek

Salmon River

Method of Determination: Info. provided by permittee. See Memo from Dan Nelson dated 06/11/14

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:
-
- NO Overlap

Water Right No.	Source	Purpose of Use	Basis
75-12358	Spring	Stock	Decreed
75-2220	Corbett Spring	Stock	Decreed

Comments: 75-13300 is an instream stockwater right. Per conversation with Dan Nelson 06/16/14, trough tied to pipeline per Salmon BLM staff.

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Cabin Creek	3		NW	SW	19	18N	21E	B.M.	Lemhi

Method of Determination: Info. provided by permittee. See Memo from Dan Nelson dated 06/11/14

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

$$V_{D.R.} = \frac{V_{I.R.}}{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Per Application Processing Memo #3, sec. 3 $400 \times 0.0134 = 5.4 \text{ afa}$

Per Application Processing Memo #3, 301-400 range cattle = 5.4 afa

License recommend for 5.4 afa.

G. PURPOSE OF USE

Irrigation N # Stock 400 cattle Domestic # of Homes

Other: Wildlife

Change in Purpose of Use? Y X N

Method of Determination: Info. provided by permittee. See Memo from Dan Nelson dated 06/11/14

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

Locally known as Cabin Creek Pipeline

Headgate: 3.5 Cons. Use: 2.5

Wild and Scenic Watershed – Salmon R. excluding Mid. F.

Fish Screen condition – Diagram supplied by BLM indicating 3/8 in screen.

Automatic Shutoff Condition - Info. provided by permittee. See Memo from Dan Nelson dated 06/11/14.

Combined limits addressed by Condition: "This right, when considered with all other rights common to the same grazing allotment, is limited to the quantity of water beneficially used by the number of stock within the allotment." Overlap with 75-2220 & 75-12358.

Have conditions of permit approval been met? Yes No

I. RECOMMENDATIONS

1. Recommended Amounts

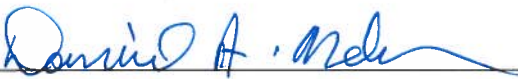
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater	01/01 to 12/31	0.02 CFS	5.4 AF
Wildlife	01/01 to 12/31	0.02 CFS	5.4 AF
<u>Totals:</u>		0.02 CFS	5.4 AF

2. Recommended Amendments

 Change P.D. as reflected above Add P.D. as reflected above X None X Change P.U. as reflected above Add P.U. as reflected above None

Other:

J. AUTHENTICATION

Field Examiner's Name  Date 06/16/14Reviewer  Date 6-23-14

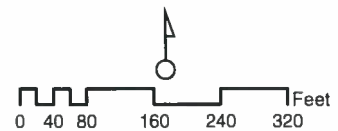
POU

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
75	13300			Water Right	Decreed	Active	N	571966	6/28/1934	0.02	SALMON RIVER	STOCKWATER	UNITED STATES OF AMERICA ACTING
75	14088			Water Permit		Active	N	561610	7/10/2002	0.02	CABIN CREEK	STOCKWATER, WILDLIFE	US DEPT OF INTERIOR
			Other Owner	Leased to Water	Application ID	Approval Date	Total Acres	Acre Limit	Volume		Water District		
				No								18N21E21NWSW	
				No		8/15/2002							

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
75	14088			Water Permit		Active	N	561610	7/10/2002	0.02	CABIN CREEK	STOCKWATER, WILDLIFE	US DEPT OF INTERIOR
			Other Owner	Leased to Water	Application ID	Approval Date	Total Acres	Acre Limit	Volume		Water District		
				No		8/15/2002							

75-14088
Trough 1?



D. Favreau

11/20/13

SENE

SWNW

NESE 20

NWSW

21

18N21E

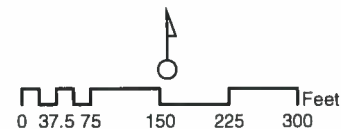
NESW

SESE

SWSW

SESW

75-14088
Trough 2?



D. Favreau

11/20/13

NESW

NWSE

NESE

20

18N21E

SESW

SWSE

SESE

NENW

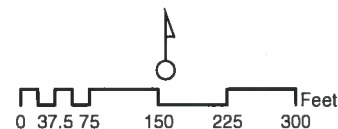
NWNE

29

NENE

Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

75-14088
Trough 3?



D. Favreau

11/20/13

19

SESE

SWSW

20

NENE

NWNW

18N21E

NENW

30

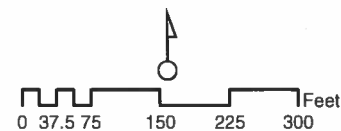
29

SENE

SWNW

SENW

75-14088
Trough 4?



D. Favreau

11/20/13

SWNW

SENW

NWSW

NESW

29

18N21E

NWSE

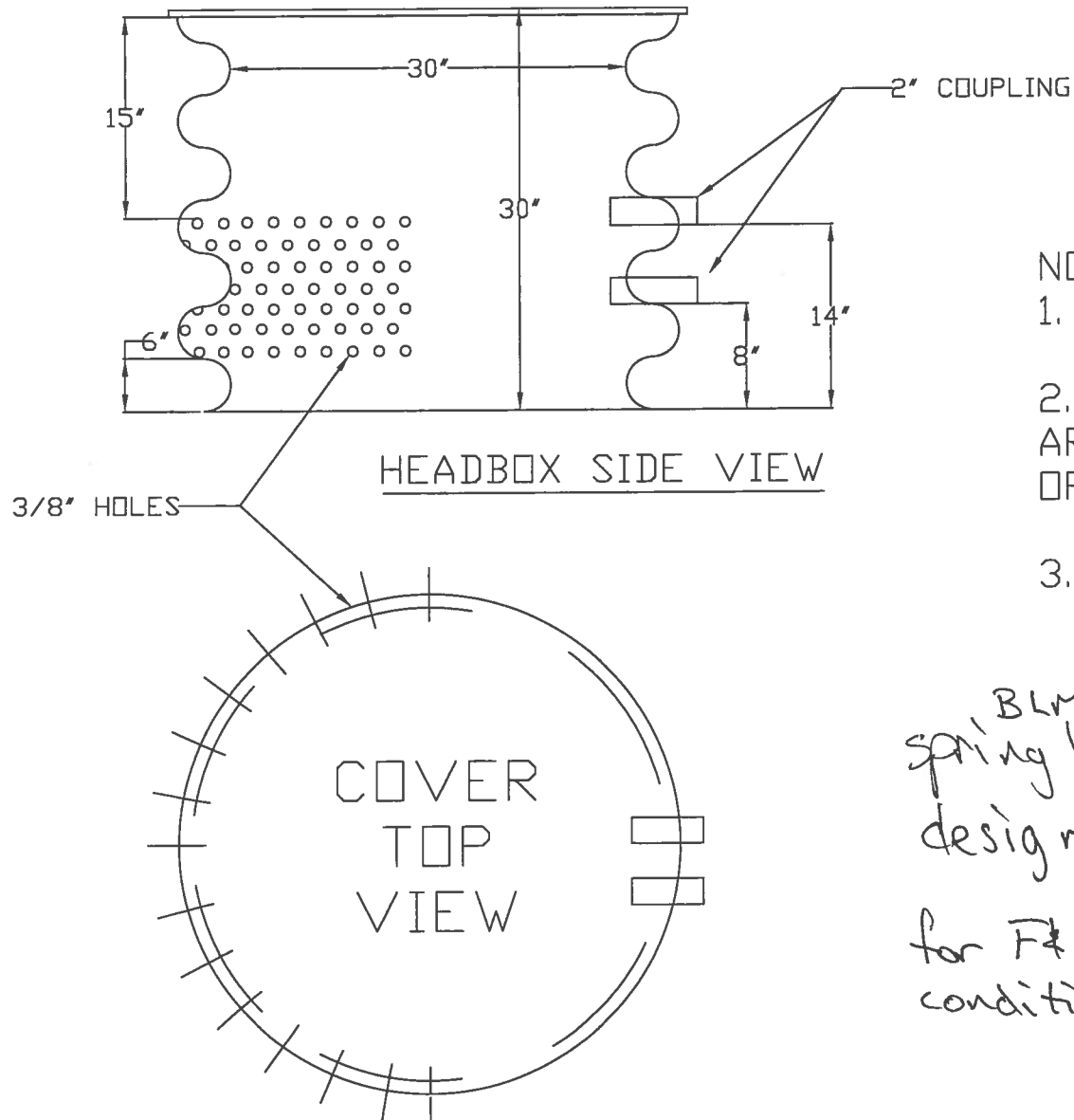
SWSW

SESW

SWSE

SPRING HEADBOX & COVER DIAGRAM

RECEIVED
FEB 19 2014
DEPARTMENT OF
WATER RESOURCES



NOTE:

1. 12 GAUGE ALUMINUM
2. HOLES EXTEND HALFWAY AROUND CYLINDER CENTERED OPPOSITE GALV COUPLINGS
3. 1" LIP DOWN ON COVER

BLM
spring box
design
for F&G
condition

Fred

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT LOWER SNAKE RIVER DISTRICT	
SPRING HEADBOX & COVER DIAGRAM	
DESIGNED _____	SCALE NONE
REVIEWED _____	SHEET 1 OF 1
APPROVED _____	
DRAWN TRACEY BAJT	
DATE 5/2/03	
DRAWING NO.	

MEMORANDUM

TO: File 75-14088

FROM: Daniel Nelson – Staff Hydrologist

DATE: June 11, 2014

SUBJECT: Review of System for Licensing

I was asked to review the records for this permit and determine the location and system for this permit. I met with the staff in the Salmon BLM office, and I feel I have a good understanding of how this system operates.

The water for this permit is diverted from Cabin Creek in the Lot 3 (NWSW) quarter of Section 19 in Township 18 North, Range 21 East. The water is diverted from the creek through a pipeline called the Cabin Creek Pipeline. The pipeline travels in a southeasterly direction providing water to 3 BLM troughs. The first BLM trough is in the SWSE of Section 20, Township 18 North, Range 21 East. The second BLM trough is located in the SENW of Section 29 Township 18 North, Range 21 East. The third trough is located in the NESE of Section 30 in Township 18 North, Range 21 East.

An Amendment is needed to license this water right. There is no description for the trough in Section 30, so an amendment is necessary to correct the legal descriptions. Pictures, maps and a system diagram have been supplied on this permit, so licensing can move forward. I have supplied the system diagram. I also have pictures of all three troughs. All of the troughs have floats on them, so there shouldn't be an issue with any conditions on the permit. All of the BLM troughs are ordered with floats, and I have verified that each file has a billing for the floats.

PHOTOGRAPHER AND DATE OF PHOTOS DANIEL A NELSON 6/5/2014

FILE NUMBER 75-14088



These first two photos show the headbox and the turnoff valve.



This second set of photos show the first water trough and the float valve in the tank.



This photo shows the second trough and you can see it is set up exactly like the other two troughs.



This is the third trough, and float valve.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Project or
Job Number: 365109

Maintenance Responsibility

PROJECT INSPECTION AND MAINTENANCE RECORD

1. State ID	2. Office 340	3. Allotment Number or Activity Plan Area- 14405 Iron Lime Creek, 14407 Cabin Creek	4. Project/Job Name 365109 Cabin Creek Pipeline
5. Location T. 18 N R. 21E Sec. Secs. 24 (18N20E), 19, 20, 29, 30 (18N21E)		6. Type of Improvement: Spring	
7a. Last Inspection (Date) New improvement 2004		b. Condition or success of improvement ☒ good ☐ fair ☐ poor ☐ failure	
c. Apparent reasons for failure or success			

8a. Recommended Action
☒ Normal Maintenance ☐ Reconstruction ☐ Salvage or other use
☐ Abandon ☐ Other ☐ Notify user/cooperator responsible for maintenance

b. Describe needed repairs or treatment
Drain was repaired in July by Operations Crew. Trough working.

c. Document existing noxious weed species and extent of infestation (if none, state "none observed")

d. Estimated cost of maintenance needs \$ e. Last maintenance completed

9a. Fiscal year maintenance work programmed b. Next Inspection (date)

Remarks (include recommendation on remedial management practices, etc., and support with photographs)



~~Fork R~~
Trough
3

Signature of Inspector Vicki Van Sickle	Title Range Technician	Date 07/07/2010
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- INSTRUCTIONS:
1. Use three-digit District-Resource Area office identifier in Item 2.
 2. If existing Project or Allotment Number, etc., has fewer digits than the space provided, fill in the leftmost spaces with zeros.
 3. Prepare and file one copy in the District Project (Job) file. (See BLM Manual 9104 and Handbook H-1740-1 for additional information.)

RECEIVED

FEB 06 2014

DEPARTMENT OF
WATER RESOURCES

February 3, 2014

Danielle,

74-7369 Photos will be taken when access is feasible (snow and elevation). The location of the head box and first trough will be investigated this spring. The location of the second trough as depicted on the map is correct.

74-15574 The head box is steel and the perforated holes drilled along the lower half of the conduit are 3/8 inch. Will need to hike into this project this spring, access is limited without permission.

75-15617 The head box is steel with perforated holes along the lower half being 3/8 inch. Couldn't find any information on whether the historic use relates to 74-11949 or 74-11950.

75-7621 The trough in section 35 is connected to the head box found in section 34. The troughs shown in the photo are empty due to season of use.

75- 14088 Will send map, photos and GIS points when access is available in the spring. Elevation and snow prohibit access at this point.

74- 15027 Water enters the conduit from the spring source through 3/8 inch perforated holes drilled along the lower half of the steel culvert. Extension of 74-1442 and 74-71 98 ?

74-15028 The trough numbers have been added to the photos on the map as requested.

74-15606 This project has been tied into the Cold Spring project. As far as any one knows the Cold Spring project does not function any longer so the two troughs that were tied to that line are now the last two troughs on 74-15606. One photo of the last trough on the former Cold Spring line, now the Railroad Tanker PL Extension has been taken.

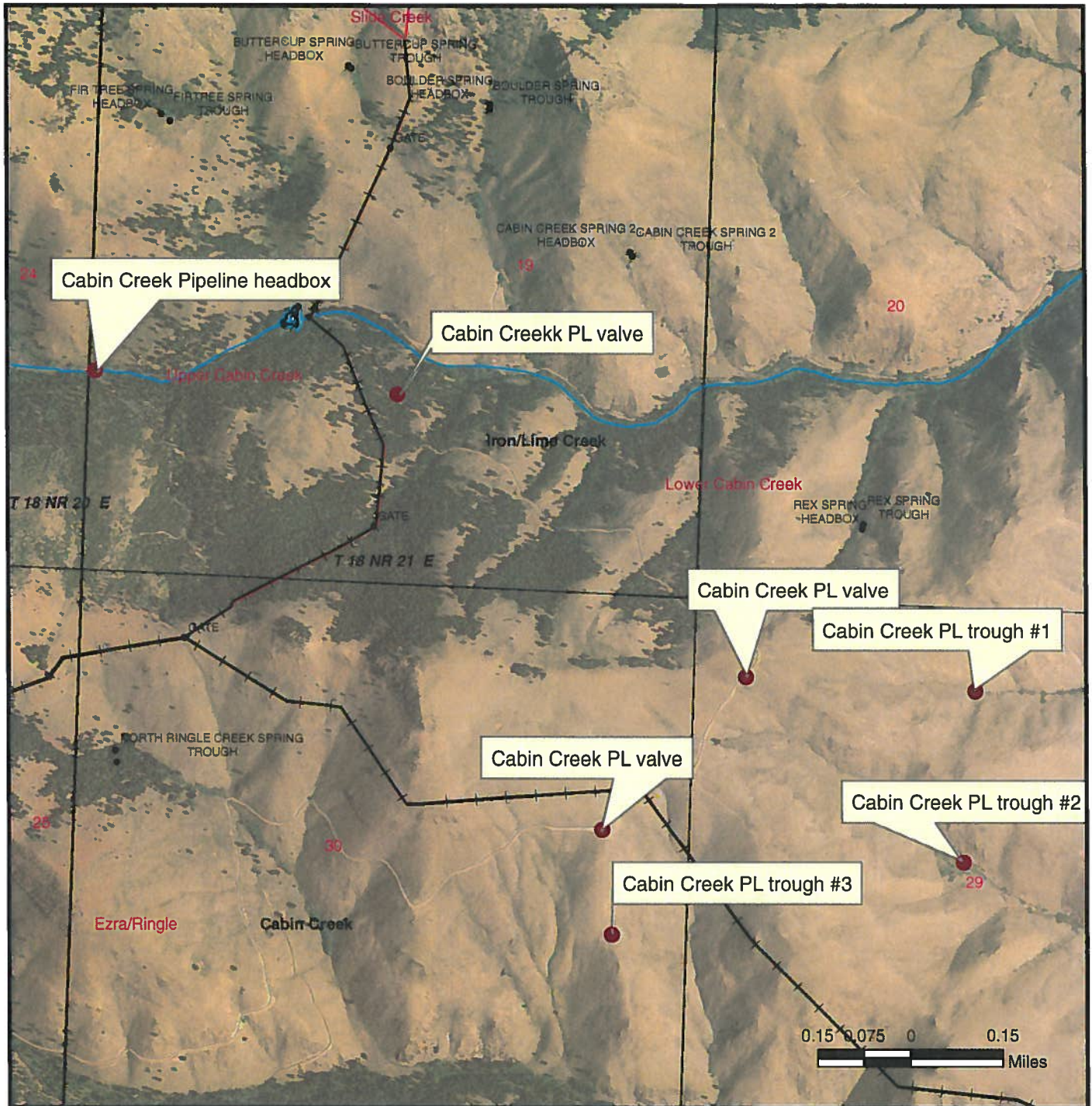
74-15635 The first trough on the line is covered under 74-15635. As far as the trough in section 18, no one can remember if this is tied to 74-15635. Will follow up with a field investigation when the weather permits this spring.

74-15733 Having looked at aerial photos and following the water course, the water from this spring source does not get diverted to private land. It eventually subs into the soil after running intermittently on the surface.

74-7366 This pipeline was rebuild after the Negro Green line became non-functional. Have listed on the map where the head box, pressure breaks and troughs are, as well as the old head box and trough locations. Not sure if the old trough shown on the map is holding water, though have marked it non-functioning.

Also, if you could direct me to a site that has the project names tied to the water right permit numbers I'd be obliged. Thanks, Elias

Cabin Creek Pipeline 75-14088



Legend

- MAJOR ROADS
- ROADS
- TOWNSHIPS
- SECTIONS

IDAHO SURFACE MGMT AGENCY

OWNER_TYPE

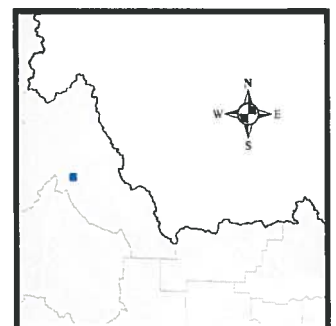
- BLM
- PRIVATE
- STATE
- USFS

This map depicts the Iron-Lime Creek Allotment within the Salmon Field Office, BLM. This project contains the headbox (in creek) with 3 trough locations and valve locations.

The sources of the data are from Idaho-BLM Corporate data.

Datum: NAD 83, UTM Zone 12 N
No warranty is made by the Bureau of Land Management (BLM). The accuracy, reliability, or completeness of these data for individual use or aggregate use with other data is not guaranteed.

Map Created by Wendy Hoffman
10/29/13



RECEIVED

NOV 04 2013

DEPARTMENT OF
WATER RESOURCES

October 30, 2013

Danielle,

I am sending you the information you requested. I still need to collect more information on certain projects, ie; photographs of projects in remote areas (Cabin Creek). In reviewing an updated file map on 74-15027, Bull Summit PL Spur, it appears that there are 9 troughs on the line. I will need to look at this entire line when the weather permits and take the appropriate photos. One trough was added to the Gary Pipeline in 2003 making for four troughs on the line. In looking at aerial photos of the spring related to the Clear Creek Pipeline, I can't see where any water from the drainage is diverted for private use. I will continue to check these projects out when in the field.

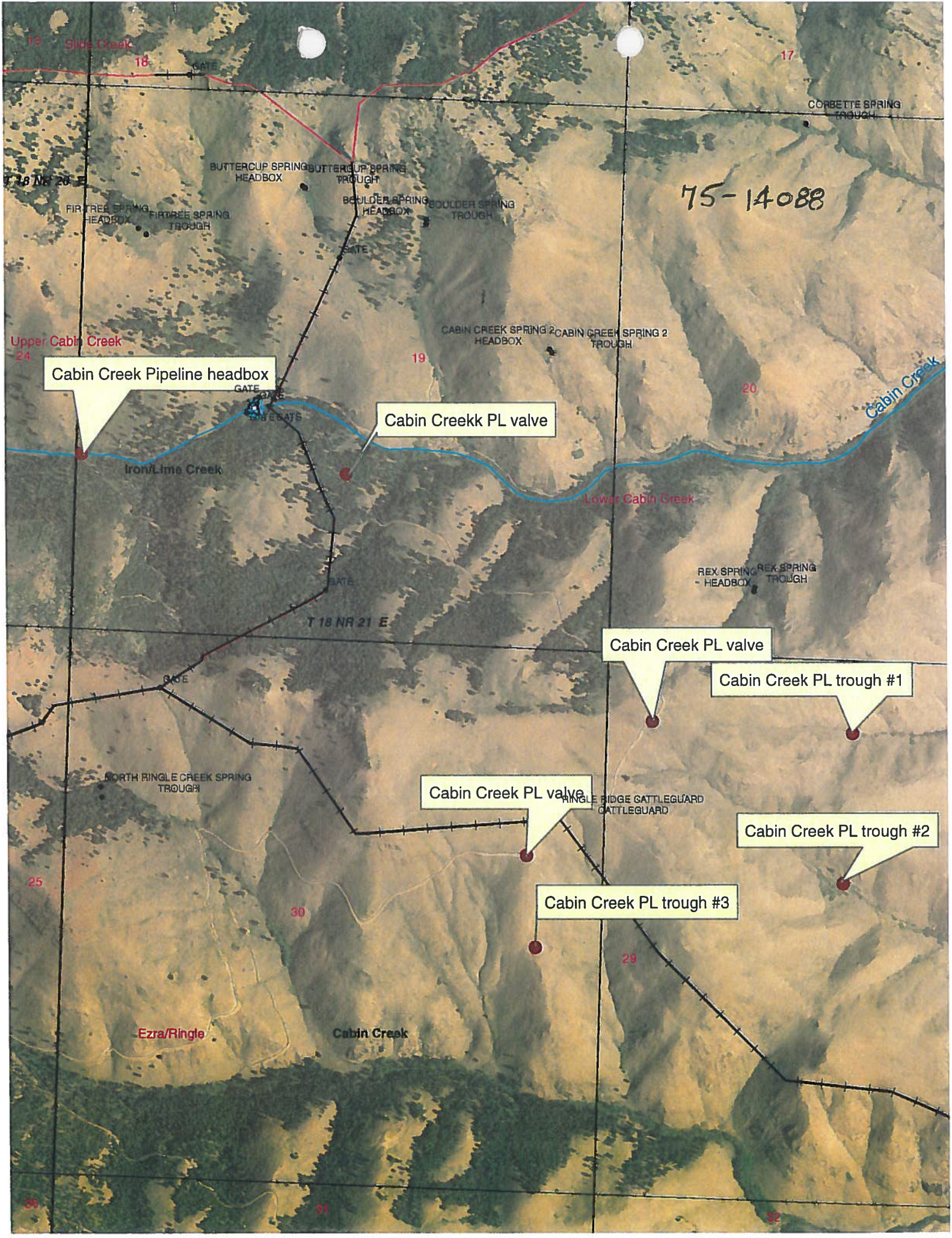
74-07366, Negro Green Pipeline, this is the same project as 74-15450, Nez Perce Pipeline.

74-15617, McDevitt Pond Spring, is simply Pond Spring

74- 15635, MBC Pipeline was changed to Spahn Spring.

I have tried to clean up some of the maps that were sent before. Some projects were GPS's more than once over time and this has caused some overlay problems. This may have been the situation with dots and stars appearing on some maps. I will continue to work with our GIS coordinator and range conservationists in getting the information updated and as correct as possible. As far as locking the spring boxes with pad locks, this would create problems for permittees and BLM personnel in having to keep track of keys and or combinations. Maintenance responsibilities can fall to both, most often with the permittee under Co-op Agreements. The same with floats and valves. They don't always get repaired when they fail or get broken. The steel culverts and fiber glass head boxes used are all perforated by the operations crew prior to installment. The holes are drilled to sit below ground level and not always visible in photographs. Some file updating has been lax. Extensions to existing projects such as pipelines don't always get added to the files and over time fall through the cracks. It has been an experience in trying to track down what has occurred over the years and piece it all together. If you have any questions, and I'm sure you will, don't hesitate to write or call. I have as many to try and answer myself.

Elias



75-14088

Cabin Creek Pipeline headbox

Cabin Creek PL valve

Cabin Creek PL valve

Cabin Creek PL trough #1

Cabin Creek PL valve

Cabin Creek PL trough #2

Cabin Creek PL trough #3