

**North Basin Cattle & Horse Allotment's
2012 Annual Monitoring Report
for the
US Fish and Wildlife Service's 7/27/2010 Biological Opinion
(File # 114.0700, 14420-2010-F-0373)**

APPENDIX C

Annual Monitoring Report Form for Actions covered under the Service's Biological Opinion for Grazing on Allotments Managed by the Salmon Challis National Forest.

Please submit annually by March 1 to the Supervisor of the Service's Eastern Idaho Field Office, 4425 Burley Dr., Suite A, Chubbuck, Idaho 83202; telephone (208)237-6975. Please include name and contact information in case additional information is needed.

1. What was the name of the stream in this allotment surveyed for impacted redds?

There were no streams surveyed for bull trout redds in 2012. This was an oversight by the districts fishery biologist. The Forest should have completed a bull trout redd survey on either McKim Creek or the North Fork of McKim Creek because there were livestock in the McKim Creek Unit between 9/24 and 10/23. Corrective actions will be taken in 2013 and beyond to ensure this mistake doesn't happen again. Annually by July 1st the district fishery biologist will receive from the north zone range program a 3 ring binder with a complete set of all signed Annual Operating Instructions as well as an annual spreadsheet listing the North Zone Range Allotment Rotations and Contact Information. The information in the 3 ring binder and on the spreadsheet will then both be used when developing a plan to implement the Range Allotments Biological Opinions required bull trout redd surveys.

2. What was the date of the survey, and what were the water conditions?

There were no streams surveyed for bull trout redds. See answer to question #1.

3. Which stream segment was surveyed and how many redds and impacted redds were found? (Please give GPS start and stop points for segments)?

There were no streams surveyed for bull trout redds. See answer to question #1.

4. What was the date that livestock removed from the pasture with surveyed stream segment?

There were no streams surveyed for bull trout redds. See answer to question #1. See attached North Basin C&H Allotment's 2012 End of the Year Report.

5. Did this number exceed the scale anticipated in section VII of the Biological Opinion?

There were no streams surveyed for bull trout redds. See answer to question #1

6. Were there any changes to the grazing management that differed from the proposed grazing management in the Forest's Biological Assessment? If yes, what were they?

There were no changes to the grazing management as described in the 2010 Biological Assessment. See attached North Basin C&H Allotment's 2012 End of the Year Report.

7. Were there any unexpected circumstances or events that resulted in impacts beyond those anticipated in the Forest's Biological Assessment or the Service's Biological Opinion? If yes, please describe.

There were no unexpected circumstances or events that resulted in impacts beyond what the forest anticipated in the 2010 Biological Assessment.

Salmon-Challis National Forest Official: _____



Daniel A. Garcia
Salmon-Challis National Forest
North Zone Districts Fishery Biologist

Date: _____

2/28/2013

Contact Information:

Salmon/Cobalt Ranger District, 311 McPherson St South, Salmon, ID 83467
(208) 756-5237 or dgarcia@fs.fed.us

The attached North Basin C&H Allotment's 2012 End of the Year Report was prepared by:

Sara Norman – Rangeland Management Specialist (Leadore Ranger District)
(208) 768-2505 or scnorman@fs.fed.us

Results of the Range Allotment's implementation and effectiveness monitoring will be available at the following website: <http://www.fs.fed.us/r4/sc/projects/range/index.html>.

**NORTH BASIN C&H ALLOTMENT
2012 END OF YEAR REPORT**

Leadore Ranger District

North Zone Salmon-Challis National Forest

MANAGEMENT

AUTHORIZED USE

Permittee	Authorized Use			Temporary Grazing Permit			Actual Use		
	Numbers	H.M.	Season of Use	Numbers	H.M.	Season of Use	Numbers	H.M.	Season of Use
Gary Mayberry	165 c/c	705	6/16-10/23	165 c/c	705	6/16-10/23	*	*	*

*Actual use reflected in monitoring data.

Unit Schedule in the AOI:

Unit	Livestock Numbers	AOI Season of Use
Big Hill	165 c/c	6/16-7/1
First Basin	165 c/c	7/2-7/21
Watson Peak	165 c/c	7/22-9/23
McKimm Creek	165 c/c	9/24-10/23
Copper Basin	REST	REST

Compliance with Unit Schedule in AOI: Actual use for numbers and move dates has not been submitted yet this year by the permittee.

Allotment Inspections: Allotment inspections were conducted on the following dates: 8/14, 10/2 and 11/5. Allotment inspections consist of a qualified employee working in range management visiting the allotment to monitor implementation of the AOI and/or the annual use indicators.

Compliance with special Terms and Conditions regarding livestock locations and management practices:

RMP #1(1) The whole of this report addresses this term. Conservation measures were followed.

MONITORING DATA

For the 2012 grazing season, monitoring was completed at Designated Monitoring Areas (DMAs) using the Multiple Indicator Monitoring (MIM) technical reference (Burton, 2010). Upland monitoring was completed using the Landscape Appearance Method or Utilization Wheel. Utilization for the 2012 grazing season met use standards and annual indicators, with the exception of bank alteration level at

the Warm Springs Creek DMA (M241). At this location bank alteration levels were 12% compared to a standard of 10%.

PLEASE REFER TO ATTACHED TABLE FOR MONITORING AND UTILIZATION DATA

OTHER INFORMATION

Growing Season Conditions: Precipitation for the District was above average for 2012. The precipitation information for the District is included in the table below. While this information is collected at the Western Regional Climate Center Salmon KSRA weather station and is not specific to an allotment area, it gives an idea of the available moisture on the District. The precipitation for 2012 is compared to the average precipitation for Salmon. The annual precipitation was 0.18 inches higher this year in comparison to the average from 1967 to 2011.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
2012 Percip.	0.21	0.91	1.45	1.05	1.46	0.46	1.09	0.07	0.09	1.16	1.02	1.06	10.03
Average Precip. (1967-2010)	0.67	0.44	0.54	0.78	1.37	1.44	0.95	0.80	0.77	0.63	0.73	0.73	9.85

Permit administration: No unauthorized livestock were found on the allotment during the 2012 grazing season.

Other Improvement Maintenance: Additional information may be provided by the permittee with the submittal of Maintenance Record. Fences that have been in disrepair in the past have been improved to a functioning standard.

SOURCES

Burton, T.A., S.J. Smith, and E.R. Cowley. 2011. Riparian area management: Multiple indicator monitoring (MIM) of stream channels and streamside vegetation. Technical Reference 1737-23. BLM/OC/ST-10/003+1737. U.S. Department of the Interior, Bureau of Land Management, National Operations Center, Denver, CO. 155 pp.

Western Regional Climate Center. 2012. RAWs USA Climate Archive, Salmon, Idaho, Monthly Summaries. Western Regional Climate Center, Reno, Nevada. <http://www.raws.dri.edu>.

Prepared by:

Sara Norman

Rangeland Management Specialist

NORTH BASIN C&H MONITORING DATA

Actual Grazing Schedule			Allowable Standards				Actual Results			
Unit Name	On/Off Date	Monitoring Date	Riparian			Upland	Riparian			Upland
Big Hill Unit	6/16-7/1	8/14	Utilization	Hydric spp.	50%	50%	Utilization	Hydric spp.	No data*	3%
First Basin	7/2-7/21	8/14	Utilization	Hydric spp.	50%	50%	Utilization	Hydric spp.	No data*	17%
Watson Peak/Warm Springs Creek (M241)	7/22-9/23	10/2	Greenline Stubble	Hydric spp.	4 in.	50%	Greenline Stubble	Hydric spp.	4.7 in.	5%
			Bank Alteration	N/A	10%		Bank Alteration	N/A	12% ¹	
McKim Creek/N. Fork McKim Creek (M232)	6/26-7/15	11/5	Greenline Stubble	Hydric spp.	4 in.	50%	Greenline Stubble	Hydric spp.	No data**	4%
			Browse Use	Willow spp.	50%		Bank Alteration	N/A	No data**	
				Alder spp.	30%					
Copper Basin	REST	REST	Utilization	Hydric spp.	50%	50%	Utilization	Hydric spp.	No data***	No data***

* No suitable location for a riparian utilization survey in the unit.

**On 11/5, DMA location could not be found.

***Utilization data not collect because the unit was not grazed.

¹Bank alteration did not meet standards listed in Biological assessment but was within the standard error.

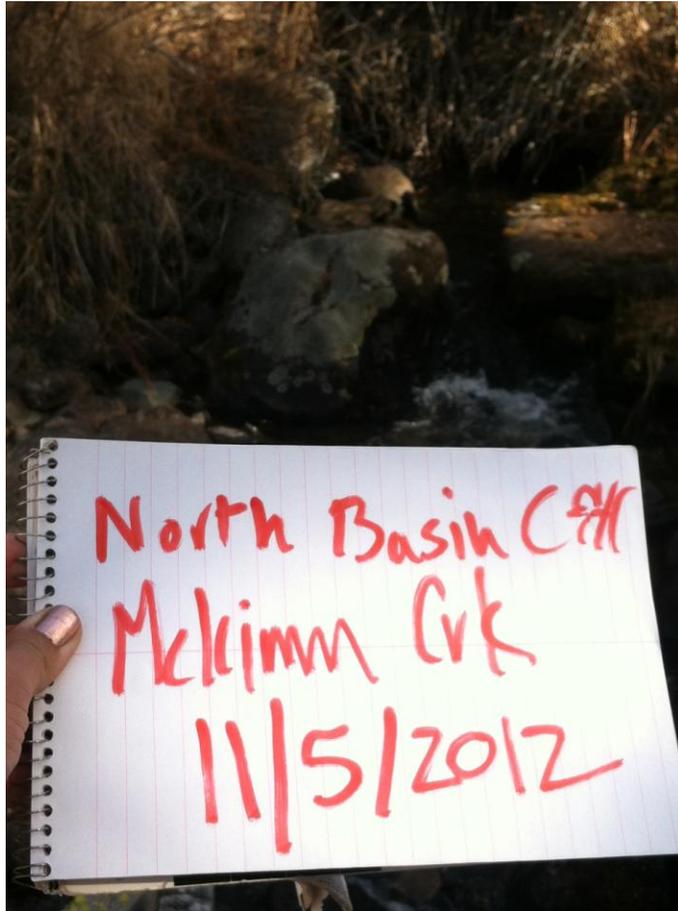
	PHOTO RECORD	Page 1 of 7
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Salmon-Cobalt RD
Date: 2012	Photographer: C. Brown	Allotment: North Basin C&H
Location: First Basin, McKim and Big Hill Units		
Subject: End of Season		



	PHOTO RECORD	Page 2 of 7
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Salmon-Cobalt RD
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	PHOTO RECORD	Page 3 of 7
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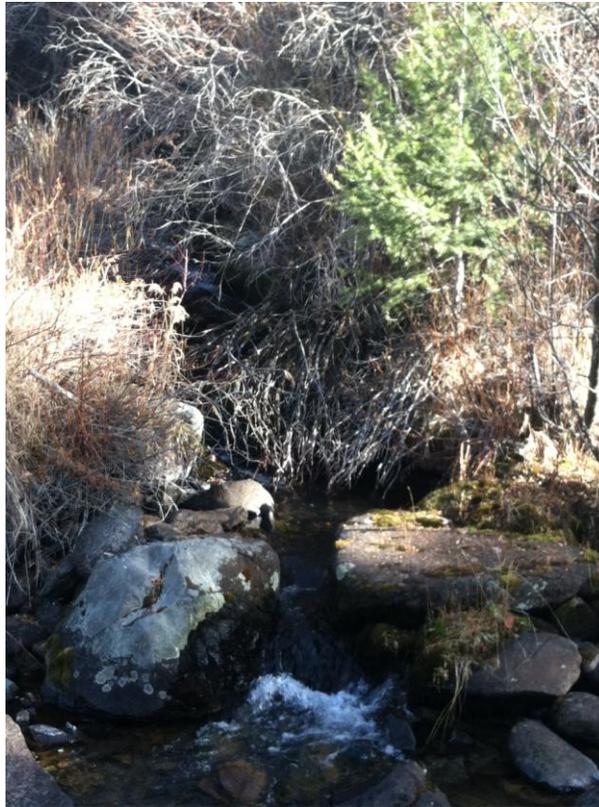


This photo shows the only accessible spot for cattle along the creek.



	PHOTO RECORD	Page 4 of 7
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This photo was taken upstream while standing on the bridge shown in the photo above.



The following photos show the vegetation along the creek where the GPS location for the MIM was. The t-posts along the creek could not be found. There is not a suitable location to establish a DMA for MIM monitoring along this section of the creek.



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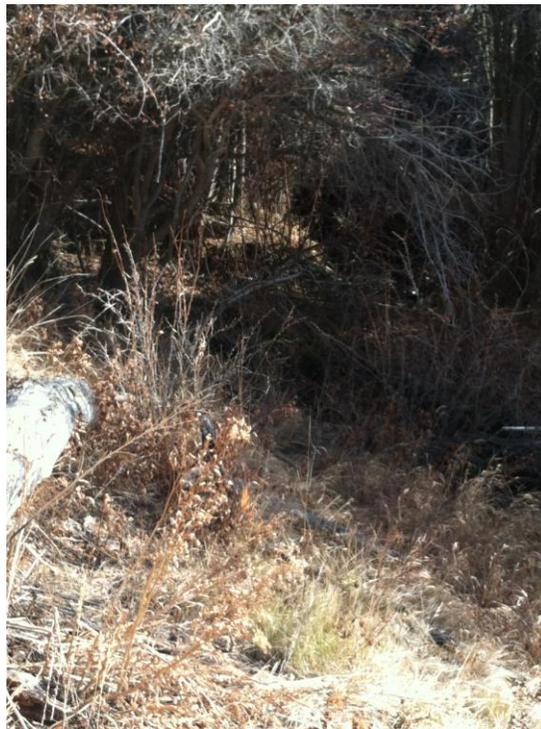


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	PHOTO RECORD	Page 1 of 1
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: October 2, 2012	Photographer: S. Norman	Allotment: North Basin C&H
Location: Watson Peak		
Subject: Livestock Use Module MIM		



Survey conducted approximately 0.25 miles uphill along the road from DMA in the Watson Peak Unit. Calculated use on Idaho fescue, using a utilization gauge, was approximately 5%.



	PHOTO RECORD	Page 1 of 3
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Upstream marker (looking downstream). Analysis from MIM calculated average stubble height as 5 inches for hydric species, bank alteration as 12% and woody use as 17%.



Upstream marker (looking across). DMA located adjacent to A-frame cabin.

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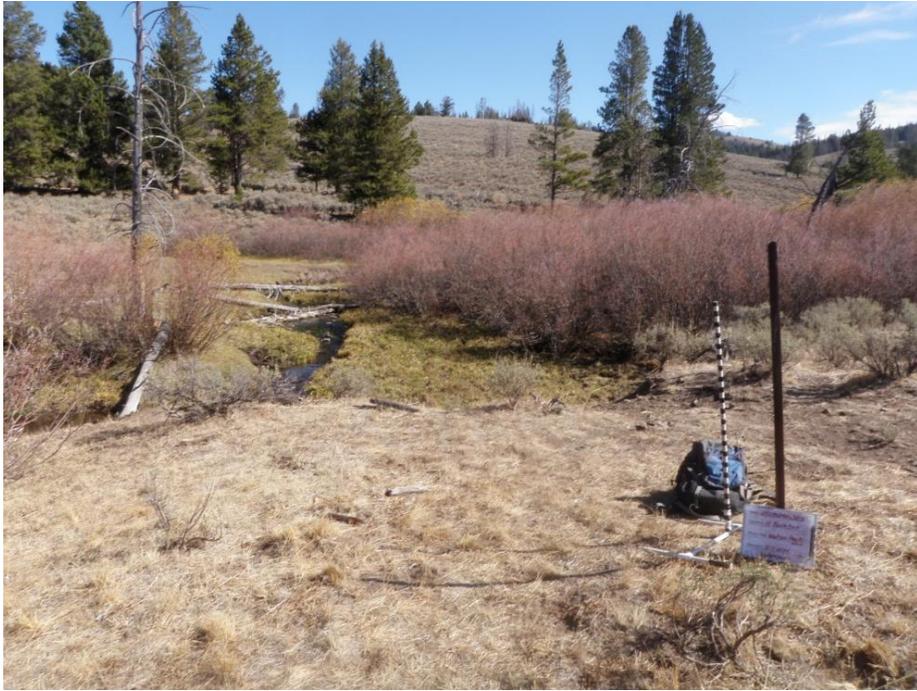


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