

**North Basin Cattle & Horse Allotment's  
2013 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 since according to the AOI there was not supposed to be livestock grazing in the one bull trout unit past mid July. The Permittee's actual use showed livestock were out of the bull trout unit on 7/16. See attached North Basin C&H Allotment's 2013 End of the Year Report.

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

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)?

See answer to question #1.

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

See answer to question #1. See attached North Basin C&H Allotment's 2013 End of the Year Report.

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

NO

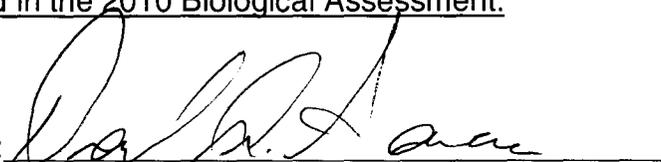
6. Were there any changes to the grazing management that differed from the proposed grazing management in the Forest's Biological Assessment? If yes, what were they?

No. See attached North Basin C&H Allotment's 2013 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:

2/28/2014

Contact Information:

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

The attached North Basin C&H Allotment's 2013 End of the Year Report was prepared by: Sara Norman – Range Management Specialist  
(Leadore Ranger District) (208) 768-2505 or [scnorman@fs.fed.us](mailto: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**

**2013 END OF YEAR REPORT**

**Leadore Ranger District**

**MANAGEMENT**

| <b>Term Grazing Permit</b> |         |          |      | <b>2013 Authorized Use</b> |         |          |       | <b>2013 Actual Use</b> |         |          |      |
|----------------------------|---------|----------|------|----------------------------|---------|----------|-------|------------------------|---------|----------|------|
| No. & Permittee            | On Date | Off Date | H.M. | No.                        | On Date | Off Date | H. M. | No.                    | On Date | Off Date | H. M |
| Gary Mayberry<br>165 c/c   | 6/16    | 10/23    | 705  | 165<br>c/c                 | 6/16    | 10/23    | 705   | 154 c/c<br>& 7 bulls   | 6/16    | 10/6     | 606  |

**Actual Use:**

| <u>Unit</u>  | <u>Number/Class</u> | <u>H.M.</u> | <u>Dates</u> |
|--------------|---------------------|-------------|--------------|
| McKim Creek  | 154 c/c & 7 bulls   | 166         | 6/16-7/16    |
| Copper Basin | 154 c/c & 6 bulls   | 122         | 7/17-8/8     |
| Watson Peak  | 154 c/c & 6 bulls   | 240         | 8/9-9/22     |
| Big Hill     | 152 c/c & 6 bulls   | 32          | 10/1-10/6    |

**Compliance with Schedule in AOI:** Actual use was for less than authorized and permitted numbers. The permittee moved livestock off the allotment 18 days earlier than permitted, due to cattle being pushed off the unit by hunters. Actual use was for 101 head months less than permitted.

Unit moves complied with critical dates for cattle presence with spawning and incubating fish, per the Biological Assessment, USFWS 2010 North Basin C&H Allotment Biological Opinion and the NMFS 2010 North Basin C&H Letter of Concurrence. Allotment moves were conducted on or before schedule move dates.

The permittee recorded riding a total of 80 days and used 2 tons of salt.

**Allotment Inspections:** Allotment inspections were conducted on the following dates: 5/14, 6/24, 7/1, 8/7, 8/14, 9/4, 10/21, and 11/7. Allotment inspections consisted of a qualified SCNF employee working in rangeland management visiting the allotment to monitor implementation of the AOI or term grazing permit, inspect rangeland improvements, to monitor annual use indicators, or to conduct long term monitoring on rangeland health.

**Compliance with Special Terms and Conditions Regarding Livestock Locations and Management Practices:**

**Reasonable and Prudent Measure #1(USFWS):** The whole of this report addresses this term. All conservation measures were followed.

## MONITORING DATA

**Annual Indicator Monitoring:** For the 2013 grazing season, monitoring was completed at Designated Monitoring Areas (DMA)s using Multiple Indicator Monitoring (MIM) technical reference (Burton 2013). Upland monitoring was completed using the Landscape Appearance Method or Height-Weight Method (USDI, BLM 1995). Utilization for the 2013 grazing season met standards in all units. The McKim Creek DMA (M232) was not read. The steep terrain, fast moving water and large boulders comprising the substrate, is not safe for field personnel to complete a MIM survey. For the 2014 grazing season it would be beneficial for an ID team to evaluate the site and move the DMA location to a safer area. Range technician completed a photo point at the DMA on 6/24. Upland utilization was not completed in the Big Hill Unit, due to accessibility issues. On 11/7, SCNF range employees went to complete utilization; however, the road into the unit through private ground was blocked from road re-construction. **PLEASE REFER TO THE ATTACHED TABLE AND PHOTOS FOR ANNUAL INDICATOR RESULTS.**

**Improvement Inspections:** On July 1<sup>st</sup>, inspections were conducted on the McKim Creek Stock Bridge. The bridge is not in functioning conditions. The SCNF provided new bridge planking for the permittee, to complete reconstruction in 2013 or before livestock turn onto the allotment in 2014.

**Permit Administration:** No livestock were found outside of the authorized rotations on the North Basin C&H Allotment.

## OTHER INFORMATION:

**Growing Season Conditions:** Precipitation for the District was below normal for 2013. The precipitation information for the District is included in the table below. While this information is collected in Salmon, Idaho and is not specific to an allotment area, it gives an idea of the available moisture on the District.

Salmon Weather

| Month                                   | Jan. | Feb. | Mar. | Apr. | May  | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Total |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Precip. (in.) in 2013                   | 0.57 | 0.03 | 0.18 | 0.41 | 1.54 | 1.19 | 0.51 | 0.51 | 0.8  |      |      |      | 5.74  |
| Average Precip. (in.)<br>from 1967-2013 | 0.66 | 0.42 | 0.55 | 0.78 | 1.36 | 1.42 | 0.95 | 0.78 | 0.76 | 0.65 | 0.72 | 0.74 | 9.79  |

**Improvement Maintenance:** The permittee reported working on 6 to 10 miles of fence in the Copper Basin, Watson Peak and McKim Creek Units. The Permittee and SCNF employees spent a week reconstructing the Poison Creek Boundary Fence (#5112).

**Recommendations for Future Management:** Discussion between the permittees and Range specialist should occur to address the mesic meadows in Copper Basin.

**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. 155p.

NOAA National Climatic Data Centers. 2013. "Monthly Climatological Summary (2013), Leadore 2, ID, US." Retrieved Nov. 8<sup>th</sup>, 2013. <[www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)>

USDI, BLM. 1996. Utilization Studies and Residual Measurements, BLM Interagency Technical Reference, BLM/RS/ST-96/004+1730. 135p.

Western Regional Climate Center. 2013. "Monthly Climate Summary, Leadore 2, Idaho (105177)." Retrieved on Nov. 26<sup>th</sup>, 2013. <[www.wrcc.dri.edu](http://www.wrcc.dri.edu)>

**Prepared by:**

A handwritten signature in cursive script that reads "Sara Norman".

**Sara Norman**  
**Range Management Specialist**  
**December 8<sup>th</sup>, 2013**

**Resource Conditions and Monitoring Results on North Basin C&H Allotment:**

| Actual Grazing Schedule                        |         |          |                      | Allowable Standards                              |               |                         |        | Actual Results    |               |                      |                      |
|--|---------|----------|----------------------|--|---------------|-------------------------|--------|-------------------|---------------|----------------------|----------------------|
| Unit Name                                      | On Date | Off Date | Date Read            | Riparian   |               |                         | Upland | Riparian          |               |                      | Upland               |
| McKim Creek Unit-North Fork McKim Creek (M232) | 6/16    | 7/16     | No Data <sup>2</sup> | Greenline Stubble                                | Carex Spp.    | 4 in.                   | 50%    | Greenline Stubble | Carex Spp.    | No Data <sup>2</sup> | H-W: 1%              |
|  |         |          |                      | Browse Use                                       | Willow, Alder | 50% Willow<br>30% Alder |        | Browse Use        | Willow, Alder | No Data <sup>2</sup> |                      |
| Watson Peak Unit-Warm Springs Creek (M241)     | 8/9     | 9/30     | 10/21                | Greenline Stubble                                | Carex Spp.    | 4 in.                   | 50%    | Greenline Stubble | Carex Spp.    | 7 in.                | LA: 20%              |
|  |         |          |                      | Bank Alteration                                  | N/A           | 10%                     |        | Bank Alteration   | N/A           | 9%                   |                      |
| First Basin Unit – Poison/Phantom Creek        | Rest    | Rest     | Not Read-Unit Rested | Greenline Stubble                                | Carex Spp.    | 4 in.                   | 50%    | Greenline Stubble | Carex Spp.    | Unit Rested          | No Data-Unit Rested  |
|  |         |          |                      | Browse Use                                       | Willow        | 50%                     |        | Browse Use        | Willow        | Unit Rested          |                      |
| Big Hill Unit                                  | 10/5    | 10/23    | 11/7                 | Utilization                                      | Hydric Spp.   | 50%                     | 50%    | Utilization       | Hydric Spp.   | No Data <sup>1</sup> | No Data <sup>1</sup> |
| Copper Basin Unit                              | 7/17    | 8/18     | 8/14                 | No Standards Listed in the BA for this DMA site. |               |                         | 50%    | Greenline Stubble | Hydric spp.   | 11 in.               | 8%                   |
|  |         |          |                      |  |               |                         |        | Bank Alteration   | N/A           | 17%                  |                      |
|  |         |          |                      |  |               |                         |        | Browse Use        | Browse spp.   | N/A                  |                      |

<sup>1</sup>Utilization in the Big Hill unit was not conducted. On 11/7 SCNF employees went to conduct the survey, however; they were not able to access the unit due to road re-construction on the private ground.

<sup>2</sup>The McKim Creek DMA was not surveyed in 2013 due to safety concerns, please see report for more information.

|   |                              |   |
|---|------------------------------|---|
|   | Photo Record                 | Page 1 of 5                               |
| Intermountain Region  | Salmon-Challis NF North Zone | District: Leadore                         |
| 2013 End of Year Report                                     | Observer: Range Employees    | Allotment: North Basin Creek<br>C&H Creek |
| All Pastures with Completed Utilization, LUM, and MIM Sites |                              |   |
| Subject: EOY Photo Records for North Basin C&H Allotment    |                              |   |



McKim Creek Range Readiness 6/10/13



McKim Creek Upland Utilization 7/31/2013

|   |                              |   |
|---|------------------------------|---|
|   | Photo Record                 | Page 2 of 5                               |
| Intermountain Region  | Salmon-Challis NF North Zone | District: Leadore                         |
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Copper Basin Upland 8/14/13



McKim Creek MIM (M232, upper post) 7/31/13

|   |                              |   |
|---|------------------------------|---|
|   | Photo Record                 | Page 3 of 5                               |
| Intermountain Region  | Salmon-Challis NF North Zone | District: Leadore                         |
| 2013 End of Year Report                                     | Observer: Range Employees    | Allotment: North Basin Creek<br>C&H Creek |
| All Pastures with Completed Utilization, LUM, and MIM Sites |                              |   |
| Subject: EOY Photo Records for North Basin C&H Allotment    |                              |   |



McKim Creek MIM (M232, lower post) 7/31/13



N. Basin  
Watson Pk  
LUM (Upper Post)  
10/21/13

Watson Peak LUM (M241 lower post) 10/21/13

|   |                              |   |
|---|------------------------------|---|
|   | Photo Record                 | Page 4 of 5                               |
| Intermountain Region  | Salmon-Challis NF North Zone | District: Leadore                         |
| 2013 End of Year Report                                     | Observer: Range Employees    | Allotment: North Basin Creek<br>C&H Creek |
| All Pastures with Completed Utilization, LUM, and MIM Sites |                              |   |
| Subject: EOY Photo Records for North Basin C&H Allotment    |                              |   |



Watson Peak LUM (M241 upper post) 10/31/13



Watson Peak Upland Utilization 10/21/13

|   |                              |   |
|---|------------------------------|---|
|   | Photo Record                 | Page 5 of 5                               |
| Intermountain Region  | Salmon-Challis NF North Zone | District: Leadore                         |
| 2013 End of Year Report                                     | Observer: Range Employees    | Allotment: North Basin Creek<br>C&H Creek |
| All Pastures with Completed Utilization, LUM, and MIM Sites |                              |   |
| Subject: EOY Photo Records for North Basin C&H Allotment    |                              |   |



Watson Peak Upland Utilization 10/21/13