

**Nez Perce Cattle & Horse Allotment's  
2013 Annual Monitoring Report  
for the  
US Fish and Wildlife Service's 7/27/2010 Biological Opinion  
(File # 114.0600, 14420-2010-F-0376)**

**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?

The Forest was not required to complete a bull trout redd survey on this allotment because livestock the bull trout unit (Deer Creek) was rested in 2013. Although not required the Forest did compete a bull trout red survey on Deer Creek. See attached bull trout redd survey.

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

The survey date was 9/17/2013 and the water conditions were normal and clear. See attached bull trout redd survey.

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 two possible bull trout redds observed and no bull trout redds were impacted.

The GPS UTM starting location was Zone 12T, Easting 0316394, Northing 4930105  
The GPS UTM stopping location was Zone 12T, Easting 0315820, Northing 4929289  
See attached bull trout redd survey.

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

According to the Actual Use On/Off dates given to the Forest by the Permittee the Deer Creek Unit was rested in 2013. See attached Nez Perce 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

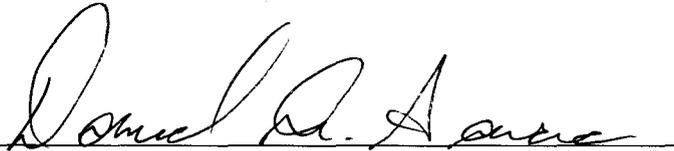
6. Were there any changes to the grazing management that differed from the proposed grazing management in the Forest's Biological Assessment? If yes, what were they?

There were no changes to the grazing management as described in the 2010 Biological Assessment. See attached Nez Perce 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 Nez Perce C&H Allotment's 2013 End of the Year Report was prepared by:  
Concetta Brown - North Zone Rangeland Management Specialist  
(Leadore Ranger District) (208) 768-2503 or [concettabrown@fs.fed.us](mailto:concettabrown@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>.

The attached Deer Creek bull trout redd survey was reviewed and finalized by: Daniel A. Garcia - North Zone Districts Fishery Biologist (Salmon/Cobalt Ranger District)

**NEZ PERCE C&H ALLOTMENT**

**2013 END OF YEAR REPORT**

**Leadore Ranger District**

**North Zone Salmon-Challis National Forest**

**MANAGEMENT**

| Term Grazing Permit |              |     |               | 2013 Authorized Use   |     |               | Actual Use            |     |               |
|---------------------|--------------|-----|---------------|-----------------------|-----|---------------|-----------------------|-----|---------------|
| Permittee           | Numbers      | HM  | Season of use | Numbers               | HM  | Season of use | Numbers               | HM  | Season of use |
| Ellsworth Angus     | 150 yearling | 404 | 7/1-9/20      | 150 yearling          | 404 | 7/1-9/20      | 150 yearling          | 404 | 7/1-9/20      |
| Y Livestock         | 50 yearling  | 135 | 7/1-9/20      | 33 c/c<br>10 yearling | 115 | 7/1-9/20      | 33 c/c<br>10 yearling | 115 | 7/1-9/20      |

**Unit Schedule**

| Unit         | Numbers               | Authorized Season of Use | Actual Season of Use | Head Months |
|--------------|-----------------------|--------------------------|----------------------|-------------|
| Dry Gulch    | 160 yearling & 33 c/c | 7/1-7/22                 | 7/2-7/24             | 146         |
| Mountain Boy | 160 yearling & 33 c/c | 7/23-8/23                | 7/25-8/23            | 190         |
| Nez Perce    | 160 yearling & 33 c/c | 8/24-9/20                | 8/24-9/20            | 183         |
| Deer Creek   | Rested                |                          |                      |             |

**Compliance with unit Schedule in AOI:** Unit moves complied with critical dates for cattle presence with spawning and incubating fish, per the Biological Assessment and USFWS 2010 Nez Perce Biological Opinion. Back riding units was successfully completed.

On 7/24 I spoke with the permittee on the phone and he informed me that livestock were still in the Dry Creek unit. I informed him that cattle were to be removed from the unit on 7/22. He said he would move cattle into the next unit, Mountain Boy that day. When I visited the allotment on 7/25 the cattle had been removed from the Dry Creek unit.

The permittee reported riding a total of 10 days throughout the season.

**Allotment Inspections:** Allotment inspections were conducted on the following dates: 7/1, 7/20, 7/25, 8/1, 8/2, 8/26, 10/24, and 11/7. Allotment inspections consist of a Range Specialist

and/or Range Technician visiting the allotment to check on location of livestock, improvement condition and/or monitor for annual indicators.

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

Term and Condition 1 for Reasonable and Prudent Measure 1

- The whole of this report addresses this term. Conservation measures were followed.

**MONITORING DATA**

**Annual Indicator Monitoring:** For the 2013 grazing season, monitoring was completed at Designate Monitoring Areas (DMAs) using the Multiple Indicator Monitoring (MIM) technical reference (Burton, 2012). Upland monitoring was completed using the Landscape Appearance Method or Height –Weight method (USDI, BLM 1996). Due to the furlough from 10/1-10/17 it was not always possible to monitor end of season use within 2 weeks of livestock exiting the units. Utilization for the 2013 grazing season met the use standards and annual indicators in the AOI, BA and BO. **PLEASE REFER TO THE ATTACHED TABLE AND PHOTOS FOR ANNUAL INDICATOR RESULTS.**

**Improvement Monitoring:** No inspections were conducted for improvement on this allotment.

**Permit Administration:** No unauthorized livestock were found on the allotment outside of the authorized dates during the 2013 grazing season.

**OTHER INFORMATION**

**Growing Season Conditions:** Precipitation for the District was far below normal for 2013. The precipitation information for the District is included in the table below. While this information was collected at the Leadore 2 weather station in Leadore, Idaho and is not specific to an allotment area, it gives an idea of the available moisture on the District. The total precipitation for Leadore, Idaho in 2013 was 4.21 inches, compared to an average of 8.05 inches.

| Month                                | Jan. | Feb. | Mar. | Apr. | May  | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Total |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Precip. (inches) in 2013             | 0.3  | 0.04 | 0.02 | 0.01 | 0.59 | 0.27 | 0.83 | 0.13 | 1.59 | 0.38 | 0.05 | -    | 4.21  |
| Average Precip. (in.) from 1965-2013 | 0.34 | 0.21 | 0.43 | 0.68 | 1.34 | 1.27 | 0.77 | 0.69 | 0.85 | 0.61 | 0.44 | 0.43 | 8.05  |

**Recommendations for Future Management:**

- End of season utilization rates in the riparian areas were close to standards. Riders need to move cattle that are congregating in riparian areas and other problem areas into uplands for more uniform utilization of entire range.
- Communication with the Range Specialist is an important part of grazing management. Be sure to contact the Range Specialist should you have and concerns/problems.

**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. 8th, 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. 26th, 2013. <[www.wrcc.dri.edu](http://www.wrcc.dri.edu)>

**Prepared By:**



12/17/2013

**Concetta Brown**

**Rangeland Management Specialist**

**2013 Nez Perce C&H Allotment Monitoring Results:**

| Actual Grazing Schedule |         |          |           | Allowable Standards |                     |     | Actual Results |   |                     |     |        |
|-------------------------|---------|----------|-----------|---------------------|---------------------|-----|----------------|---|---------------------|-----|--------|
| Unit Name               | On Date | Off Date | Date Read | Riparian            |                     |     | Upland         | Riparian  |                     |     | Upland |
| Dry Creek Unit          | 7/1     | 7/22     | 7/25      | Greenline Stubble   | Riparian Grass ssp. | 50% | 50%            | Greenline Stubble                                       | Riparian Grass ssp. | 42% | 2%     |
| Nez Perce Unit          | 8/24    | 9/20     | 10/24     | Greenline Stubble   | Riparian Grass ssp. | 50% | 50%            | No riparian grass species were present for measurements |                     |     | 33%    |
| Mountain Boy Unit       | 7/23    | 8/23     | 8/26      | Greenline Stubble   | Riparian Grass ssp. | 50% | 50%            | Greenline Stubble                                       | Riparian Grass ssp. | 49% | 15%    |

|                      |                                |                          |
|----------------------|--------------------------------|--------------------------|
|                      | <b>PHOTO RECORD</b>            | Page 1 of 2              |
| INTERMOUNTAIN REGION | SALMON-CHALLIS NATIONAL FOREST | Salmon-Cobalt RD         |
| 2013 End of Year     |                                | Allotment: Nez Perce C&H |
|                      |                                |                          |



Mountain Boy EOY Upland 8/26/2013



Deer Creek EOY Upland 7/25/2013

|                      |                                |                          |
|----------------------|--------------------------------|--------------------------|
|                      | <b>PHOTO RECORD</b>            | Page 2 of 2              |
| INTERMOUNTAIN REGION | SALMON-CHALLIS NATIONAL FOREST | Salmon-Cobalt RD         |
| 2013 End of Year     |                                | Allotment: Nez Perce C&H |
|                      |                                |                          |



Dry Gulch EOY Upland 7/25/2013



Nez Perce EOY Upland 10/24/2013

Biological Opinion Name: Livestock grazing on the Nez Perce grazing allotment

Biological Opinion Number: 11420-2010-F-0376

Stream Name: Deer Creek

Date: 9-17-13

Allotment Name: Nez Perce

Unit Name: Deer Creek

Start Time: 11:20

Stop Time: 12:35

Number of Pictures Taken: \_\_\_\_\_

Stream Segment Length on GPS: 994 meters

Estimated Stream Segment Length measured with GIS: \_\_\_\_\_

Site Directions: Hwy 28 S. past leadore toward Gilmore Summit Turn Right at Deer Cr./Nez Perce Cr. sign. Follow Rd to Rd with Fence/Gate turn Right Follow this to 3rd Rd, going left, Turn left Follow this Rd to wire Fence/Gate turn Right just before Fence (20 FT) Follow this Rd thru next Fence at stream survey starts upstream ~ 400 m.

Survey Crew: Bill Slavin, Katie Webster

(top) H<sub>2</sub>O Temp: 47°F Air Temp: 64°F Elevation: 7414 FT

(bottom) H<sub>2</sub>O Temp: 48°F Air Temp: 64°F Elevation: 7133 FT

Starting Location GPS (UTM): Zone 12T Easting 0316394 Northing 4930105

Degree Decimal: N: 44.5008865366169 W: -113.309598962881

Stopping Location GPS (UTM): Zone 12T Easting 0315820 Northing 4929289

Degree Decimal: N: 44.4933998287313 W: -113.316522714392

Number of Live Adult bull trout Observed: 4 possible bull possible brook

Number of bull trout Redds Observed: 2 possible <sup>bulltrout</sup> redds - 1

Number of bull trout Redds Observed that Livestock Trampled: 0

Comments: water condition was clear. <sup>rested</sup> no cows in area after 8/15 this year. NO COWS IN AREA. Two moose seen. Recent sign of ungulates in area. lots of R. parvian on lower section - Willows - Upper part has more conifers.

Redd #1 UTM - 12T 0316338 / 4929898

Redd #2 UTM - 12T 0315820 / 4929289

Large cobbles - some gravels - High gradient.

1 redd very small -> called it a possible bull trout redd but most likely it's a brook trout redd.