

**Nez Perce Cattle & Horse Allotment's  
2012 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?  
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 9/11/2012 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 11 adult bull trout observed but no bull trout redds observed and therefore no bull trout redds were impacted. The GPS UTM starting location was Zone 12T, Easting 0315623, Northing 4929284. The GPS UTM stopping location was Zone 12T, Easting 0316340, Northing 4930067. 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 140 yearlings and 37 cow/calf pairs were in the Deer Creek Unit between 9/1 and 9/20. See attached Nez Perce 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? 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 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](mailto:dgarcia@fs.fed.us)

The attached Nez Perce C&H Allotment's 2012 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 Annual Report, 2012

### Leadore Ranger District North Zone Salmon-Challis National Forest

#### Livestock on the Allotment

Term Grazing Permit				2012 Authorized Use				2012 Actual Use			
Permittee & Permitted #'s	On date	Off date	H.M.	No.	On date	Off date	H.M.	No.	On date	Off date	H.M.
Ellsworth Angus 150 yearling	7/1	9/20	404	150 yearling	7/1	9/20	404	150 yearling and 42 c/c	7/1	9/20	517
Y Livestock 50 yearling	7/1	9/20	135	35 c/c & 8 yearling	7/1	9/20	116				

#### Actual Use Rotation

Unit	Livestock Numbers	On Date	Off Date
Mountain Boy	148 yearling & 42 c/c	7/1	7/31
Nez Perce	148 yearling & 42 c/c	8/1	8/30
Deer Creek	140 yearling & 37 c/c	9/1	9/20
Dry Gulch	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. Allotment moves were conducted by the permittee on or before scheduled move dates. Back riding units was successfully completed.

The permittee reported riding a total of 8 days throughout the season.

**Allotment Inspections:** Allotment inspections were conducted on the following dates: 7/2, 7/12, 7/24, 8/6, 9/10, 9/12, and 10/12. 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 location and management practices:**

**RPM #1** The whole of this report addresses this term. Conservation measures were followed.

**Monitoring Data**

For the 2012 grazing season, monitoring was completed at the Designated Monitoring Areas (DMAs) using Multiple Indicator Monitoring (MIM) technical reference (Burton, 2010). If the site did not meet the guidelines for establishment of a MIM, photos were taken and attached to this document. Upland monitoring was completed using the Landscape Appearance Method or Utilization Wheel. Utilization for the 2012 grazing season met the use standards and annual indicators in the AOI, BA, and BO.

Specific results are in table on page 4.

**Other Information**

**Growing Season Conditions:** Precipitation for the District was below average for 2012. The precipitation information for the District is included in the table below. While this information is collected at the Leadore Ranger 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 3.29 inches lower this year in comparison to the average from 1967 to 2010.

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Precip. (in) in 2012	0.2	1.1	1.03	0.5	0.9	0.4	0.5	0.4	0.3	0.3	0.1	0.4	6.05
Average Precip. (in.) from 1981-2010 (	0.3	0.3	0.53	0.9	1.6	1.6	0.9	0.9	0.8	0.7	0.4	0.5	9.34

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

**Improvement Maintenance:** Fence and trough maintenance was conducted by the permittee. No other information was received regarding additional improvements maintained on the allotment.

**Recommendations or Reminders:**

1. Cattle movements between units need to be completed in a specific period. This means permittees need to provide additional riders on move dates and assist with back riding.
2. Riders need to move cattle that are congregating in riparian areas, boundary fence corners, and other problem areas into uplands for more uniform utilization of entire range.
3. Back ride to ensure cattle aren't drifting into previously used units. When leaving the Allotment, start earlier than off date and stagger to ensure complete removal of livestock in a timely manner.
4. 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.

5. Remember to record the number of days you rode on your actual use form.
6. If you want to make adjustments to the rotation stated in your AOI you must contact your range specialist. All changes must be approved by the district ranger. You must give two weeks notice prior to any adjustments you wish to make to allow time for a decision.

### **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.

National Climatic Data Center. 2012. Summary of Monthly Normals 1981-2010 (Station: Leadore Number 2, ID US). National Oceanic and Atmospheric Administration, Asheville, North Carolina.  
<http://www.ncdc.noaa.gov/analysis/monthly-us-climate-reports>.

**Monitoring Results:**

Actual Grazing Schedule		Allowable Standards			Actual Results				
Unit Name & MIM	Date Read	Riparian			Upland	Riparian			Upland
Deer Creek Unit- Deer Creek	10/11	Greenline Stubble	Hydric ssp.	4 in.	50%	Greenline stubble	Hydric ssp.	JUBA 12.3 in avg	9%
		Browse Use	Willow	50%		Browse Use	Willow	Combined 10.50%	
			Alder	30%			Alder		
Bank Alteration	n/a	20%	Bank Alteration	n/a	13%				
Nez Perce Unit	9/10	Greenline Stubble	Riparian Grass ssp.	50%	50%	No riparian grass species were present for measurements			4%
Mountain Boy Unit	8/6	Greenline Stubble	Riparian Grass ssp.	50%	50%	Greenline Stubble	Riparian Grass ssp.	7in avg on CANE	2%

Prepared By: 

Concetta Brown  
Rangeland Management Specialist

	<b>PHOTO RECORD</b>	Page 1 of 2
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	RD
Date:8/6/2012	Photographer K. Nelosn	Allotment: Nez Perce C&H
Location: Mountain Boy unit		
Subject: End of Year Monitoring		

Calculated use on Idaho fescue, using a utilization gauge, was approximately 2% on Idaho Fescue.



	<b>PHOTO RECORD</b>	Page 2 of 2
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	RD
Date:8/6/2012	Photographer K. Nelosn	Allotment: Nez Perce C&H
Location: Mountain Boy unit		
Subject: End of Year Monitoring		

Stubble height on Nebraska sedge was approximately 7.0 inches.



	<b>PHOTO RECORD</b>	Page 1 of 2
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 9/10/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Nez Perce unit		
Subject: End of Year Monitoring		

The following photos were taken at the site where upland utilization was measured in the Nez Perce unit. Utilization was measure on Idaho Fescue and use was found to be at 4%.



	<b>PHOTO RECORD</b>	Page 2 of 2
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 9/10/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Nez Perce unit		
Subject: End of Year Monitoring		



	<b>PHOTO RECORD</b>	Page 1 of 6
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 10/11/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Deer Creek unit		
Subject: End of Year Monitoring		

Overview photos of where upland utilization was measured on Idaho Fescue. Use was found to be 4%.



	<b>PHOTO RECORD</b>	Page 2 of 6
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 10/11/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Deer Creek unit		
Subject: End of Year Monitoring		



	<b>PHOTO RECORD</b>	Page 3 of 6
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 10/11/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Deer Creek unit		
Subject: End of Year Monitoring		

The following photos are of the MIM site along Deer Creek in the Deer Creek unit.



Beginning of the MIM site looking inward.



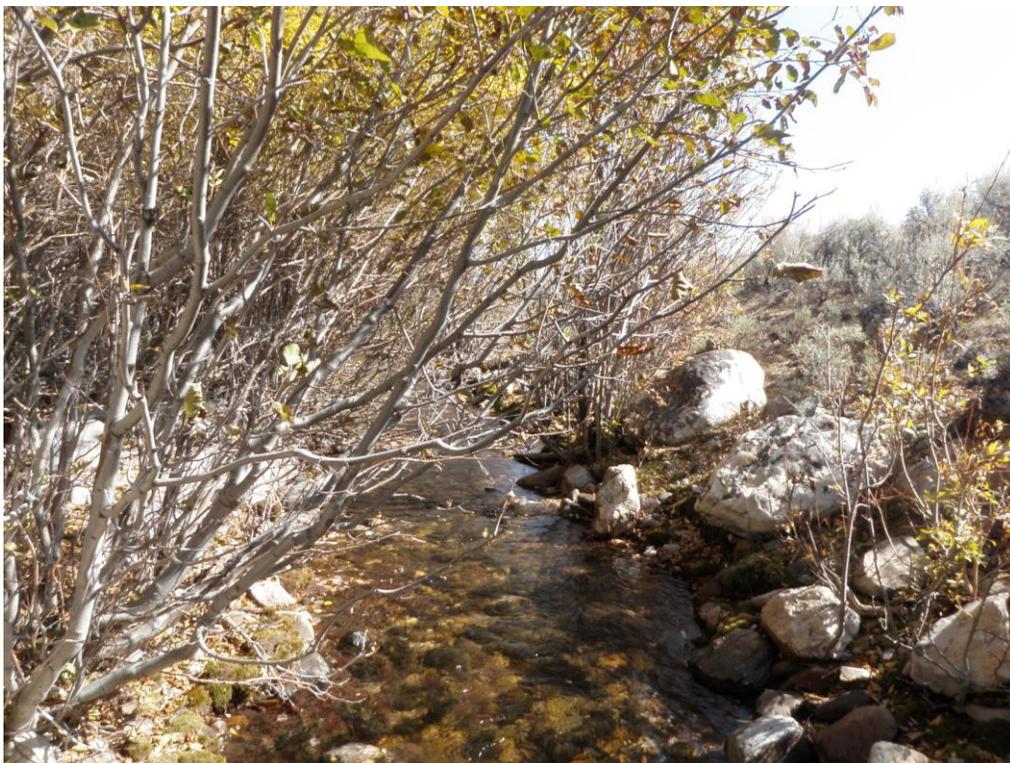
This photo was taken from in the creek looking outward. The white rock in the right of the picture serves as the marker for the beginning of the transect.

	<b>PHOTO RECORD</b>	Page 4 of 6
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 10/11/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Deer Creek unit		
Subject: End of Year Monitoring		

Cross section photo taken at the beginning of the MIM transect.



Looking downstream from the beginning of the MIM



	<b>PHOTO RECORD</b>	Page 5 of 6
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 10/11/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Deer Creek unit		
Subject: End of Year Monitoring		

Upstream photo taken from the end of the MIM transect.



Cross section photo taken at the end of the MIM transect



	<b>PHOTO RECORD</b>	Page 6 of 6
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: 10/11/2012	Photographer: C. Brown	Allotment: Nez Perce C&H
Location: Deer Creek unit		
Subject: End of Year Monitoring		

Landscape photo taken from in the creek at the end of the MIM transect.



Biological Opinion Name: Livestock Grazing on the Nez Perce Grazing Allotment

Biological Opinion Number: 11420-2010-F-0376

Stream Name: Deer Creek Date: 9-11-12

Allotment Name: Nez Perce Unit Name: Deer Creek

Start Time: 13:30 Stop Time: 15:00 Number of Pictures Taken: \_\_\_\_\_

Stream Segment Length on GPS: 971 meters

Estimated Stream Segment Length measured with GIS: 1057 meters

Site Directions:  Hwy 28 S. past leadline towards Gilman - TAKE Right at Deer Cr. Sign up to Deer Cr. Hobo site - site starts ~ 971 meters upstream - Deer Cr/Nez Perce rd is dirt - follow to 1st Right turn thru Fence Stay Right to 2nd well traveled rd to left - follow this to Fence TAKE Right at Fence Follow to Next Fence - go thru gate this stream is Deer Cr.

Survey Crew: Brian Slavin, Eli Frederick

(top) H<sub>2</sub>O Temp: 44°F Air Temp: 65°F Elevation: 7439 FT

(bottom) H<sub>2</sub>O Temp: 44°F Air Temp: 63°F Elevation: 7198 FT

Starting Location GPS (UTM): Zone 12T Easting 0315623 Northing 4929284

Degree Decimal: N: 44.49338° W: 113.31648°

Stopping Location GPS (UTM): Zone 12T Easting 0316390 Northing 4930067

Degree Decimal: N: 44.50057° W: 113.30965°

Number of Live Adult bull trout Observed: 11 (eleven)

Number of bull trout Redds Observed: 0

Number of bull trout Redds Observed that Livestock Trampled: 0

Comments: Cows observed on lower end of unit.

Three moose were seen along survey area.  
Bull trout observed but no definite Redds being formed yet.

water conditions were normal and clear