

**South Fork Williams Creek Cattle & Horse Allotment's  
2012 Annual Monitoring Report  
for the  
US Fish and Wildlife Service's 7/21/2010 Biological Opinion  
(File # 114.0700, 14420-2010-F-0345)**

**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?  
South Fork Williams 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 9/17/2012. 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 was one adult bull trout observed but there were no bull trout redds observed and therefore no bull trout redds were impacted.  
The GPS UTM starting location was Zone 11T, Easting 0733480, Northing 4994194.  
The GPS UTM stopping location was Zone 11T, Easting 0734390, Northing 4994614.  
See attached bull trout redd survey.
4. What was the date that livestock were removed from the pasture with surveyed stream segment?  
The permittee has not given the Forest an Actual Use Report. According to the AOI the On/Off dates and livestock numbers were 180 cow/calf pairs in the South Fork Unit between 7/6 and 8/25 and in the Powderhouse Unit between 8/26 and 10/16. The South Fork of Williams Creek essentially divides these two Units. See attached South Fork Williams Creek 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?

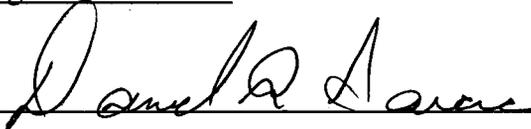
There were no changes to the grazing management as described in the 2010 Biological Assessment. See attached South Fork Williams Creek C&H Allotment's 2012 End of the Year Report.

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 South Fork Williams Creek 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>.

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

**SOUTH FORK WILLIAMS CREEK C&H ALLOTMENT  
2012 END OF YEAR REPORT**

**Salmon-Cobalt Ranger District**

**North Zone Salmon-Challis National Forest**

Term Grazing Permit				2012 Authorized Use				2012 Actual Use			
No.	On date	Off date	H.M.	No.	On date	Off date	H.M.	No.	On date	Off date	H.M.
Roy and Sharon Hoffman 180 c/c	June 16	Oct. 15	722	151 c/c	June 16	Aug. 15	303	*	*	*	*

\*Actual use reflected in monitoring data.

**Unit Schedule in the AOI:**

Unit	Livestock Numbers	Season of Use
Heifer Pasture	180 c/c	6/16-7/5
South Fork	180 c/c	7/6-8/25
Powderhouse	180 c/c	8/26-10/16
Henry Creek	180 c/c	REST

**Compliance with Unit Schedule in AOI:** Actual use numbers have not yet been submitted for the 2012 grazing season.

**Allotment inspections:** Allotment inspections were conducted on the following dates: 8/28. 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(1)** The whole of this report addresses this term. Conservation measures were followed.

For the 2012 grazing season, monitoring was completed at the Designated Monitoring Areas (DMAs) using the 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 are 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.

**PLEASE REFER TO THE 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:** No other information was received during the 2012 about improvement maintenance on the allotment. Additional information may be provided by permittee with the submittal of the Maintenance Record.

## **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*

Sara Norman

Rangeland Management Specialist

**2012 SOUTH FORK WILLIAMS CREEK C&H ALLOTMENT MONITORING DATA**

Actual Grazing Schedule			Allowable Standards				Actual Results			
Unit Name	On/Off Date	Monitoring Date	Riparian			Upland	Riparian			Upland
Heifer Pasture/S. Williams Fork Creek	6/16- 7/5	N/A	Greenline Stubble	Hydric spp.	4 in.	50%	Greenline Stubble	Hydric spp.	Not established in 2012 <sup>1</sup>	No data <sup>2</sup>
			Browse Use	Willow spp.	50%		Bank Alteration	N/A	Not established in 2012 <sup>1</sup>	
				Alder spp.	30%					
South Fork Unit/S. Fork Williams Creek (M309)	7/6- 8/25	8/28	Greenline Stubble	Hydric spp.	4 in.	50%	Greenline Stubble	Hydric spp.	No data <sup>3</sup>	11%
			Browse Use	Willow spp.	50%		Browse Use	Willow spp.	No data <sup>3</sup>	
				Alder spp.	30%			Alder spp.	No data <sup>3</sup>	
Powderhouse	8/26- 10/15	N/A	Utilization	Hydric spp.	50%	50%	Utilization	Hydric spp.	No Data <sup>4</sup>	No Data <sup>4</sup>
Henry's Creek	REST	N/A	Utilization	Hydric spp.	50%	50%	Utilization	Hydric spp.	RESTED	RESTED

<sup>1</sup>This DMA was not established in 2012, will need to be established during the 2013 grazing season.

<sup>2</sup>No data collected for the 2012 grazing season.

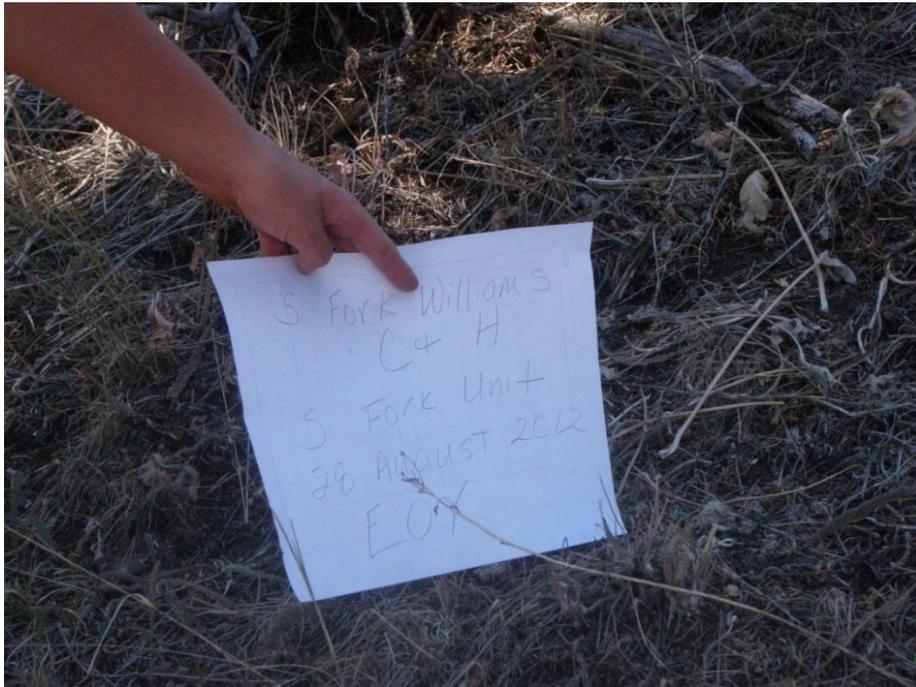
<sup>3</sup>On 8/28, SCNF employees went to the location of the DMA and could not find the t-post. This area is not a suitable location to conduct a survey following MIM protocol. Pictures of the site were taken and included in the report.

<sup>4</sup>Inclement weather prevented access to this unit following the off date for livestock.

	<b>PHOTO RECORD</b>	Page 1 of 1
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Leadore RD
Date: August 28, 2012	Photographer: D. Shiner	Allotment: South Fork Williams Creek C&H
Location: South Fork		
Subject: End of Season		



Utilization was collected on Bluebunch wheatgrass. Calculated utilization (using utilization gauge) was approximately 10%. Suvey was conducted along 028 road on a relatively steep slope, that showed moderate cattle use.



Biological Opinion Name: LIVESTOCK GRAZING ON THE SOUTH FORK WILLIAMS CREEK GRAZING ALLOTMENT

Biological Opinion Number: 14420-2010-F-0345

Stream Name: South Fork Williams Creek Date: 9-17-12

Allotment Name: South Fork of Williams Creek Unit Name: South Fork

Start Time: 11:00 Stop Time: 12:30 Number of Pictures Taken: \_\_\_\_\_

Stream Segment Length on GPS: 1000 m

Estimated Stream Segment Length measured with GIS: 1247 meters

Site Directions: Hwy 93 S to Sharp Bridge take William Cr. Rd to S. FK Williams Rd Follow S. FK. Rd past Cattleguard - Site starts at large culvert crossing of S. FK Williams Cr.

Survey Crew: B. Slavin, D. Downing, B. Leyva, E. Frederick

(top) H<sub>2</sub>O Temp: 44°F Air Temp: 53°F Elevation: 5815 Ft.

(bottom) H<sub>2</sub>O Temp: 44°F Air Temp: 51°F Elevation: 5616 Ft.

Starting Location GPS (UTM): Zone 11T Easting 0733480 Northing 4994194

Degree Decimal: N: 45.06269° W: 114.03439°

Stopping Location GPS (UTM): Zone 11T Easting 0734390 Northing 4994614

Degree Decimal: N: 45.06616° W: 114.02266°

Number of Live Adult bull trout Observed: 1

Number of bull trout Redds Observed: 0

Number of bull trout Redds Observed that Livestock Trampled: \_\_\_\_\_

Comments: ~ 380 m. Down to Cattleguard - Below Cattleguard the streambank is heavily covered with trees and brush very little sign of cattle. Below cattle guard - Above cattle guard gets heavier use by cattle - easier access to stream -

10 Fish observed but no identified -

4 or 5 cow/calf pairs noticed along NE side of private ground.

Water conditions were normal and clear Page 1