

**South Fork Williams Creek Cattle & Horse Allotment's
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 9/27/2010. 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 no bull trout redds observed and therefore no bull trout redds were impacted. The GPS UTM starting location was Zone 11T, Easting 0733483, Northing 4994148. The GPS UTM stopping location was Zone 11T, Easting 0734271, Northing 4994490. 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 livestock were in the South Fork Unit between 8/20 and 10/10. See attached South Fork Williams Creek C&H Allotment's 2010 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?

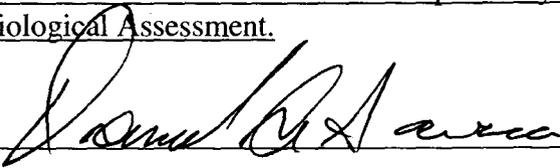
Livestock turnout dates were adjusted for range readiness. Subsequent unit move dates were adjusted, however the livestock were off the allotment prior to the scheduled off date. See attached South Fork Williams Creek C&H Allotment's 2010 End of the Year Report.

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 District Fishery Biologist

Date: _____



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 2010 End of the Year Report was reviewed and completed by:

Ingrid Drieling - North Zone Rangeland Management Specialist (Leadore Ranger District)
(208) 768-2516 or jdrieling@fs.fed.us

Jayde Christiansen - North Zone Range Technician (Leadore Ranger District)
(208) 768-2505 or kennethchristiansen@fs.fed.us

Concetta Brown - North Zone Rangeland Management Specialist (Leadore Ranger District)
(208) 768-2503 or 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 South Fork Williams Creek bull trout redd survey was reviewed and finalized by:
Daniel A. Garcia - North Zone District Fishery Biologist (Salmon/Cobalt Ranger District)

SOUTH FORK WILLIAMS CREEK C&H ALLOTMENT

2010 END OF YEAR REPORT

Salmon/Cobalt Ranger District

North Zone Salmon-Challis National Forest

Permittee	Authorized Use			Term Grazing Permit		
	Numbers	Head Months	Season of Use	Numbers	Head Months	Season of Use
Roy Hoffman	180	722	6/16-10/15	180	722	6/16-10/15

Actual Use

Unit	Numbers	Head Months	Season of Use
Heifer Pasture	125	181	6/23-7/5
Henry Creek	124	192	7/5-8/20
South Fork	123	210	8/20-10/10
Powderhouse	Rested	Rested	Rested

For the 2010 grazing season, monitoring was completed at 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 2010 grazing season met the use standards and annual indicators in the AOI, BA, and BO.

Unit – Stream	Monitoring Attribute	Annual Use Indicator	Key Species	Actual Results
*South Fork – South Fork Williams Creek	Browse use	50%	Willow	*Refer to Pictures
		30%	Alder	
	Greenline stubble	4 in.	Hydric spp	*Refer to Pictures
	Bank Alteration	20%	N/A	*Refer to Pictures
Uplands	Utilization	50%	Upland grass species	15%

Heifer Pasture Unit – South Fork Williams Creek	Browse use	50%	Willow	**
		30%	Alder	
	Greenline stubble	4 in.	Hydric spp	**
	Bank Alteration	20%	N/A	**
Uplands	Utilization	50%	Upland grass species	14%

*The sites MIM was inaccessible. Photo plots were taken and attached to this document.

**The Heifer Pasture Unit does not contain a stream, therefore no MIM was established.

Allotment inspections: Allotment inspections were conducted on the following dates: 9/28, 9/29. Allotment inspections consist of a Range Specialist and/ or Range Technicians visiting the allotment to check on conditions or monitor for utilization.

Other Information: Precipitation for the District was above normal for 2010. 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 2010 is compared the average precipitation for Salmon. Higher precipitation was recorded for the 2010 grazing year. The annual precipitation was 2.43 inches higher this year in comparison to the average from 1967 to 2010.

Month.(2010)	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Total
Precip. (inches)	.71	.35	.30	.76	1.99	3.16	.18	.99	1.74	1.26	11.44
Ave. Precip. 1967-2010	.67	.44	.54	.78	1.37	1.44	.95	.80	.77	.61	9.10

Utilization: Actual use was full permitted numbers and season of use. The Powderhouse Unit was rested this year; therefore no utilization measurements were taken. Utilization standards established in the Biological Assessment were met in every unit.

Compliance with Unit Schedule and Improvement Maintenance: Cattle were scheduled to move onto the South Fork Williams Creek allotment June 16. Due to range readiness livestock were turned out on June 23 move dates were adjusted as needed however livestock were off the allotment before the scheduled off date. When necessary, back riding units was completed. Range improvement maintenance was conducted by the permittee.

The following fences were maintained:

The Henry Creek to Heifer Pasture fence

The Heifer Pasture to South Fork Pasture fence

The South Fork to Lake Creek fence

The pole line portion of the Powder House fence

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 your Range Specialist is an important part of grazing management. Be sure to contact your Range Specialist should you have any concerns.

Summary:

The permittee had a successful grazing season on this allotment. Five conservation measures were followed in the 2010 grazing season. All the utilization standards set forth in the biological assessment and biological opinion were met on the allotment.

K. Jayde Christiansen
Range Technician

	PHOTO RECORD	Page 4 of 5
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Salmon-Cobalt
Date: 9/29/2010	Photographer: Ingrid Drieling	Allotment: South Fork Williams C&H
Location: Henry Creek, South Fork Williams		
Subject: Upland Monitoring		



	PHOTO RECORD	Page 2 of 5
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Salmon-Cobalt
Date: 9/29/2010	Photographer: Ingrid Drieling	Allotment: South Fork Williams C&H
Location: Henry Creek, South Fork Williams		
Subject: Upland Monitoring		



	PHOTO RECORD	Page 6 of 5
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Salmon-Cobalt
Date: 29 Sept. 2010	Photographer: Ingrid Drieling	Allotment: South Fork Williams C&H
Location: Heifer Pasture, South Fork Williams		
Subject: Upland Monitoring		



	PHOTO RECORD	Page 4 of 5
INTERMOUNTAIN REGION	SALMON-CHALLIS NATIONAL FOREST	Salmon-Cobalt
Date: 29 Sept. 2010	Photographer: Ingrid Drieling	Allotment: South Fork Williams C&H
Location: South Fork, S.F Williams		
Subject: South Fork Williams		



Biological Opinion Name: South Fork Williams Creek Grazing Allotment

Biological Opinion Number: File # 114.0700 and 14420-2010-F-0345 June 21, 2010

Stream Name: South Fork Williams Creek Date: 9/27/2010

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

Start Time: 9:30 Stop Time: 11:00

Stream Segment Length on GPS: 844 meters

Estimated Stream Segment Length measured with GIS: 950 meters

Site Directions: Take S.F. road off Williams Cr. road - when road crosses stream, begin survey walking downstream 1000m (top of survey area is where culvert goes under road)

Survey Crew: Barrett, Drnjevic

H₂O Temp: 10°C Air Temp: 18°C Elevation(ft):(top) 5683 (bottom) 5561

Starting Location GPS (UTM): Zone 11T Easting 0733483 Northing 4994148

Degree Decimal: N: 45.06227 W: 114.03437

Stopping Location GPS (UTM): Zone 11T Easting 0734271 Northing 4994490

Degree Decimal: N: 45.06510 W: 114.02422

Number of Pictures Taken Looking Upstream: _____ Looking Downstream: 2

Number of Live Adult bull trout Observed: 0

Number of bull trout Redds Observed: 0

Number of bull trout Redds Observed that Livestock Trampled: 0

Comments: No Cattle observed in survey area but were upslope above switch back, stream has very little spawning habitat - also VERY difficult terrain due to heavy brush/downed timber. Hard for and very little area for cattle to cross creek.
Found Dead Bull water quality clear