

**Deer – Iron Creek Cattle & Horse Allotment’s
2014 Annual Monitoring Report
for the
US Fish and Wildlife Service’s 9/16/2013 Biological Opinion
(2013-F-0361)**

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?

Iron 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 9/25/2014 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 no bull trout redd observed and therefore no bull trout redds were impacted.
The GPS UTM starting location was Zone 11T, Easting 0729474, Northing 4978049.
The GPS UTM stopping location was Zone 11T, Easting 0730343, Northing 4978029.
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 395 cow/calf pairs were in the Peel Tree Unit (above and below Lookout) between 8/16 and 10/7.

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

NO

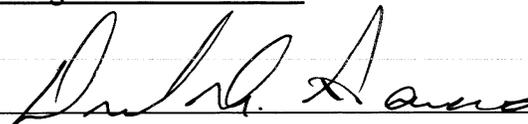
6. Were there any changes to the grazing management that differed from the proposed grazing management in the Forest's Biological Assessment? If yes, what were they?

NO

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.

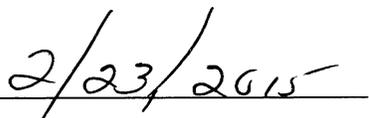
There were no unexpected circumstances or events that resulted in impacts beyond what the forest anticipated in the 2013 Biological Assessment.

Salmon-Challis National Forest Official: _____



Daniel A. Garcia
Salmon-Challis National Forest
North Zone Districts 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 Deer-Iron Creek C&H Allotment's 2014 End of the Year Report was prepared by:
Ingrid Drieling – Rangeland Management Specialist (Leadore Ranger District)
(208) 768-2516 or idrieling@fs.fed.us

Results of the Range Allotment's implementation and effectiveness monitoring will be available at the following website:
<http://www.fs.usda.gov/detail/scnf/landmanagement/resourcemanagement/?cid=STELPRDB5308989>

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

DEER IRON C&H ALLOTMENT

2014 END OF YEAR REPORT

Salmon-Cobalt Ranger District

North Zone Salmon-Challis National Forest

MANAGEMENT

Term Grazing Permit				Authorized Use			Actual Use		
Permittee	Numbers	Head Months	Season of use	Numbers	Head Months	Season of use	Numbers	Head Months	Season of use
Janelle Phillips	321 c/c	158	6/16-6/30	321 c/c	158	6/16-6/30	319	168	6/15-6/30
Janelle Phillips	421 c/c	1370	7/1-10/7	395 c/c	1286	7/1-10/7	354	1152	7/1-10/7

Unit Schedule

Unit	Numbers	Authorized Season of Use	Actual Season of Use	Numbers
Degan Mountain	321 c/c	6/16-6/30	6/15-6/30	319c/c
Degan Mountain	395 c/c	7/1-8/15	7/1-8/15	354c/c
South Fork		7/7-8/15	7/7-8/15	
Peel Tree (above and below Lookout)	395 c/c	8/16-10/7	8/16-10/7	354c/c

Compliance with unit schedule in AOI:

Unit moves complied with critical dates for cattle presence with spawning and incubating fish, per the Biological Assessment, NMFS 2013 Deer-Iron Biological Opinion and the USFWS 2013 Deer-Iron Biological Opinion. Beginning Aug 20th and ending October 7th approximately 5-20 head were moved from the allotment to the home ranch daily with 80% of the herd removed by 9/15. Back riding units was successfully completed.

The permittee reported riding the allotment a total of 95 days, recorded 3 flight hours and put out 1 ton of salt. Improvement maintenance was recorded on fence# 5029 and the Hat Creek Boundary Fence.

Allotment Inspections: Allotment inspections were conducted on the following dates: 8/19, 8/20, and 10/28. 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 2014 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). Utilization for the 2014 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 errant livestock were noted during the grazing season in 2014.

OTHER INFORMATION

Growing Season Conditions: Precipitation for the District was below normal for 2014. The precipitation information for the District is included in the table below. While this information is collected at the KSRA weather station in Salmon, Idaho and is not specific to an allotment area, it gives an idea of the available moisture on the District.

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Precipitation (in.) in 2014	0.64	0.73	0.23	0.26	0.83	0.95	0.1	2.03	0.42				6.19
Average Precipitation (in.) from 1967-2012 *	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

* Precipitation web data has not been updated since 2012

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.

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

NOAA National Climatic Data Centers. 201. "Monthly Climatological Summary (2014), Salmon KSRA, ID, US." Retrieved November 3, 2014. <www.ncdc.noaa.gov>

Western Regional Climate Center. 2014. "Monthly Climate Summary, Salmon KSRA, Idaho (108080)." Retrieved on November 3, 2014. <www.wrcc.dri.edu>

Prepared By:

Ingrid Drieling
Rangeland Management Specialist

2014 DEER IRON C&H ALLOTMENT MONITORING DATA

Actual Grazing Schedule				Allowable Standards			Actual Results				
Unit	On Date	Off Date	Date Read	Riparian			Upland	Riparian			Upland
South Fork Unit West Fork of Iron Creek MIM 243				Greenline Stubble	<i>Hydric ssp.</i>	4 in. or 50%	50%	Greenline stubble	<i>Hydric ssp.</i>	12%	13.4%
				Browse Use	Willow	50%		Browse Use	Willow	11%	
				Bank Alteration	n/a	20%		Bank Alteration	n/a	1%	
South Fork Unit South Fork Iron Creek MIM M226			8/20	Greenline stubble	<i>Hydric ssp.</i>	6 in. or 30%	50%	Greenline stubble	<i>Hydric ssp.</i>	12.2 in.	13.4%
				Browse Use	Willow	50%		Browse Use	Willow	11.6%	
				Bank Alteration	n/a	15%		Bank Alteration	n/a	10%	
Peel Tree North			10/28	Greenline Stubble	Riparian Grass ssp.	50%	50%	22.20%			22.16%
Peel Tree South			10/28	Greenline Stubble	Riparian Grass ssp.	50%	50%	No riparian grass species were present for measurements			12.60%
M215 Degan Mountain Unit, North Fork Iron Creek			8/20	Browse Use	Willow	30%	50%	Browse Use		10%	5.72%
				Greenline Stubble	<i>Hydric ssp.</i>	4 in. or 50%		Greenline Stubble		11in	
				Bank Alterations	n/a	20%		Bank Alterations		1%	

Bull Trout Redd Survey Salmon-Challis National Forest (North Zone)

(last edited 8/11/2014)

Biological Opinion Name: LIVESTOCK GRAZING ON THE DEER-IRON GRAZING
ALLOTMENT

Biological Opinion Number: 14420-2010-F-0349

Stream Name: Iron Creek Survey Date: 9-25-14

Allotment Name: Deer-IRON Unit Name: Peel Tree

Start Time: 09:17 Stop Time: 11:10 Number of Pictures Taken: yes

Stream Segment Length on GPS: 856 meters

Estimated Stream Segment Length measured with GIS: _____

Site Directions: TAKE Hwy 93 S. to Iron Cr. Bridge TAKE
0.45 mi up Iron Cr. Top of site is about
1 mile down from S.F.R. Iron Rd.

Survey Crew: Bin Slavin, Sarah Kober, Drew Gilhart,

(top) H₂O Temp: 47°F Air Temp: 56°F Elevation: 5345 FT

(bottom) H₂O Temp: 47°F Air Temp: 72°F Elevation: 5280 FT

Starting Location GPS (UTM): Zone 11T Easting 0729474 Northing 4978049

Degree Decimal: N: 44.91885° W: 114.09256°

Stopping Location GPS (UTM): Zone 11T Easting 0730343 Northing 4978029

Degree Decimal: N: 44.91839° W: 114.08158°

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: water was clear - no cattle seen
in water. ~~no~~ very little gravel good for
Redds - large substrate - lots of stream-
bank coverage - very little access for cattle -
Started surveying from top end walking
down stream.