UNITED STATES OF AMERICA - FOREST SERVICE
FEDERAL RESERVED WATER RIGHT

04191

Amended Claim # R-04191

1. National Forest: Toiyabe National Forest

2. Stream: Barley Creek

3. Authority: Multiple Use-Sustained Yield Act of 1960

4. Priority Date: June 12, 1960

5. Purpose: To protect the fisheries resource.

6. Location of Primary Quantification Point:

   a. General: At the Forest boundary.

   b. Legal: NW1/4 NE1/4, Section 16, T.9N., R.47E., MDM (unsurveyed), or at a point from which Barley Horizontal Control Station in the NE1/4 SW1/4, Section 13, T.9N., R.47E., bears S78° 00'E at a distance of 15,400 feet.

7. Instream Flow Claim - Primary Point: A continuous instream flow equivalent to an average of 2913 acre-feet per year (primary instream flow volume) at the primary point of quantification described in paragraph 6 above, defined and distributed as follows:

Duration	Streamflow
October - March	1.0 cubic feet per second
April	3.1 cfs
May	10.3 cfs
*May 23 - June 5	20.6 cfs
June - July	10.3 cfs
August - September	3.1 cfs

* A two week period beginning on or about May 23, the average time of peak spring runoff.

8. Instream Flow Claim - Supplemental Points. A continuous instream flow on Barley Creek and its named and unnamed tributaries calculated as follows:

   a. Supplemental Minimum Instream Flow Volume: Calculate 39.0% of the total annual yield (acre-feet) attributable to the drainage area above the supplemental point.

   b. Supplemental Minimum Instream Flow Rate: Multiply the flow rates in paragraphs 7a and 7b by the supplemental flow volume computed in paragraph 8a above and divide by the primary instream flow volume in paragraph 7.

9. In the event that natural flows do not attain the rates decreed above, the United States shall be entitled to the natural flow actually occurring during the time periods described in paragraphs 7a and 7b.

R.M. "Jim" Nelson
R.M. "JIM" NELSON, Forest Supervisor

9/17/85
Date

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7. Instream Flow Claim - Primary Point: A continuous instream flow equivalent to an average of 3777 acre-feet per year (primary instream flow volume) at the primary point of quantification described in paragraph 6 above, defined and distributed as follows:

Duration	Cubic Feet per Second
January	1.0
February	1.1
March	1.8
April	7.6
May	22.0
June	15.8
July	4.5
August	2.2
September	2.2
October	2.2
November	1.1
December	1.0

8. Instream Flow - Supplemental Points:

   A continuous instream flow on Mosquito Creek and its named and unnamed tributaries calculated as follows:

   a. Supplemental Minimum Instream Flow Volume:

      Calculated 50.6% of the total annual yield (acre-feet) attributed to the drainage area above the supplemental point.

   b. Supplemental Minimum Instream Flow Rate:
      Multiply the flow rates in paragraph 7 by the supplemental flow volume computed in paragraph 8 and divide by the primary instream flow volume in paragraph 7.

9. In the event that natural flows do not attain the rates decreed above, the United States shall be entitled to the natural flow actually occurring during the time periods described in paragraph 7.

R.M. "Jim" Nelson — 9-25-84

R.M. "JIM" NELSON
Forest Supervisor

DATE