

**Forest Service Handbook  
National Headquarters - Washington Office  
Washington, DC**

**Forest Service Handbook 2609.13 – Wildlife and Fisheries Program Management Handbook  
Chapter 70 - Analysis of Economic Efficiency of Wildlife and Fisheries Projects**

**Amendment:** 2609.13-1992-1

**Effective date:** August 03, 1992

**Duration:** This amendment is effective until superseded or removed.

**Approved by:** F. Dale Robertson, Chief

**Date approved:**

**Responsible Staff:**

**Last Change:**

**Superseded Document(s):** Entire Handbook, October 1986; Title Page, 00 thru 53.6

**Digest:** Following is an explanation of the changes throughout the directive by section.

This amendment is a reissuance of FSH 2609.13 to conform the format and structure of the Handbook to the requirements of electronic directive issuance.

**70:** Establishes new direction for conducting economic efficiency analysis of Wildlife and Fisheries projects.

This Handbook is now available electronically in the National Information Center in the same format as the paper copy. Henceforth, amendments to this Handbook will be issued to Forest Service units electronically on a document basis.

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**77.27 - Exhibit 01**

Sample Format for Analyzing and Displaying Economic Analysis of Wildlife and Fish Projects

PROJECT NAME \_\_\_\_\_  
 PROJECT DESCRIPTION \_\_\_\_\_

Cost Information

Activity Type	Activity	Cost 0 year	Cost 1st year	Cost 2nd year	Cost 3rd year	Cost 4th year	Cost 5th year	Total Cost
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
Yearly Cost Totals		_____	_____	_____	_____	_____	_____	_____
Discounting Factors	1.00000	.96154	.92456	.88900	.85480	see table	_____	_____
Total Discounted Costs		_____	_____	_____	_____	_____	_____	_____
Project Present Cost		_____	_____	_____	_____	_____	_____	_____

Habitat Capability Information

Output Type	HC 0 year	HC 1st year	HC 2nd year	HC 3rd year	HC 4th year	HC nth year	Total HC
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

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**77.27 - Exhibit 01--Continued**

Outputs

Output Type	0 year	1st year	2nd year	3rd year	4th year	nth year	Total Outputs
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

Dollar Value of Outputs Information

Output Type	Output	Value Price	Value 0 year	Value 1st year	Value 2nd year	Value 3rd year	Value 4th year	Total Value nth year
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
Yearly Value Totals	_____	_____	_____	_____	_____	_____	_____	_____
Discounting Factors	1.00000	.96154	.92456	.88900	.85480	see table	_____	_____
Total Discounted Benefits	_____	_____	_____	_____	_____	_____	_____	_____
Project Present Benefits	_____	_____	_____	_____	_____	_____	_____	_____

Economic Efficiency Calculations

Project Present Benefits \_\_\_\_\_ minus Project Present Costs \_\_\_\_\_ equals Net Present Value \_\_\_\_\_

Project Present Benefits \_\_\_\_\_ divided by Project Present Costs \_\_\_\_\_ equals Benefit/Cost Ratio \_\_\_\_\_