

AN INTEGRAL ENVIRONMENTAL ASSESSMENT FOR THE EAST
HATTER CREEK UNIT OF THE UNIVERSITY OF IDAHO
EXPERIMENTAL FOREST

A Research Paper

Presented in Partial Fulfillment of the Requirements for the
Degree of Master of Science

With a

Major in Forest Products

In the College of Graduate Studies

University of Idaho

By:

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ABSTRACT

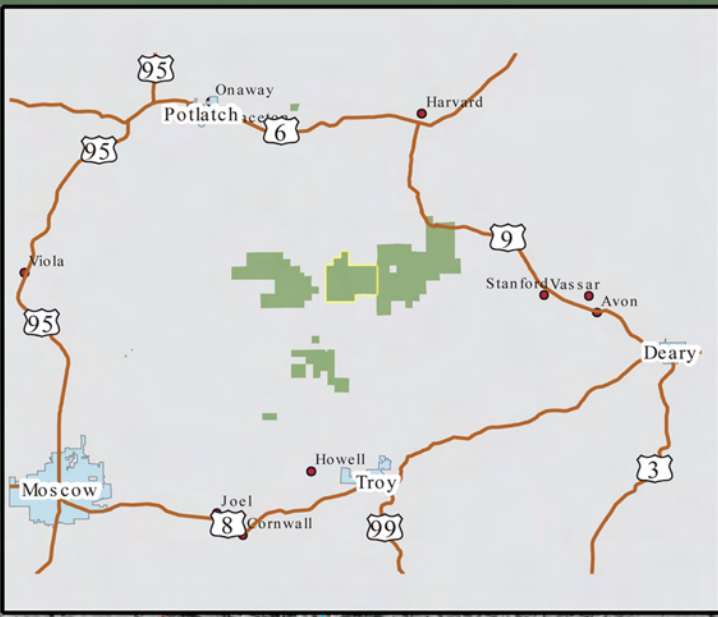
The East Hatter Creek Unit is one of the 4 major units of the Experimental Forest of the College of Forestry Wildlife and Range Sciences of the University of Idaho, Moscow Idaho. It consists of 1,300 acres of mature forest. This unit has neither a tactical nor an operational plan to provide direction for management and use of the land, including education, research, production and public use. Since 1952, there has been no grazing or fire activities and no other forms of active management of vegetation.

This research paper specially focuses on the development of an environmental assessment for the East Hatter Creek watershed comprising 3,000 acres including the 1,300 acres of the East Hatter Creek Unit of the Experimental Forest. It consists of a no action and three forest management alternatives including the proposed action. The main objective is to combine the joint production of timber and white-tailed deer winter range while sustaining and enhancing water quality, riparian areas, wildlife, and aesthetic values.

This paper was a compilation of the exercise class work made by students of the Integrated Natural Resources Planning class during spring of 1996, and the results are based on public opinion. A forest inventory to update the data of forest structure and composition of the West subunit of the East Hatter Creek Unit was made. In addition, a field survey to analyze the feasibility and environmental soundness of the proposed road was made as well.

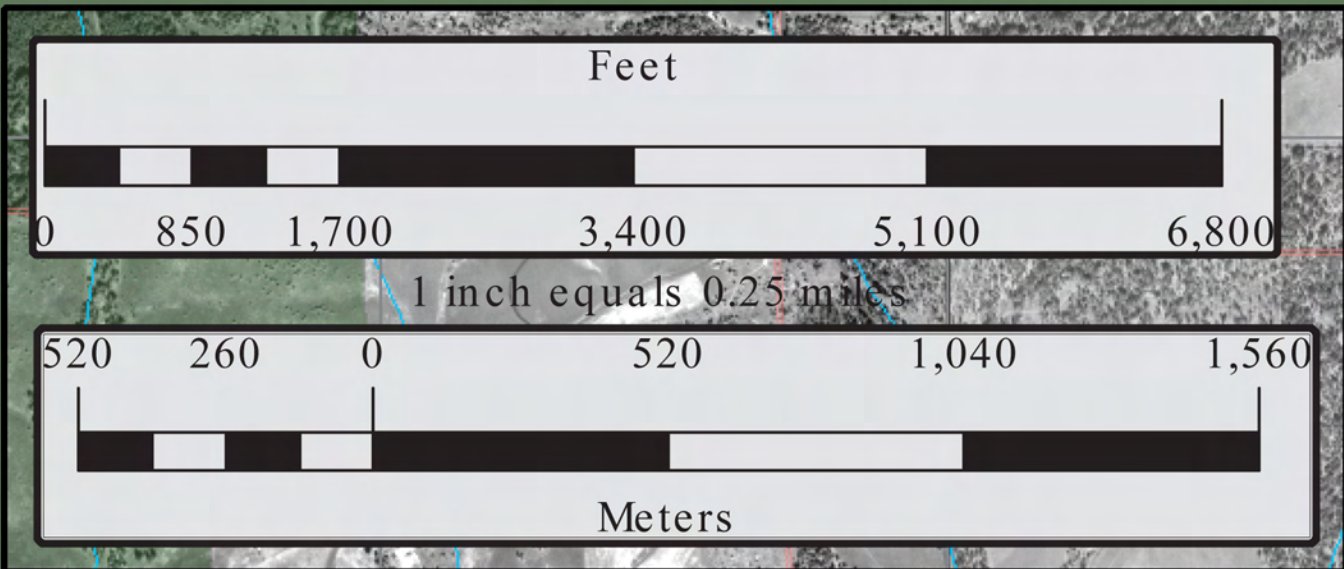
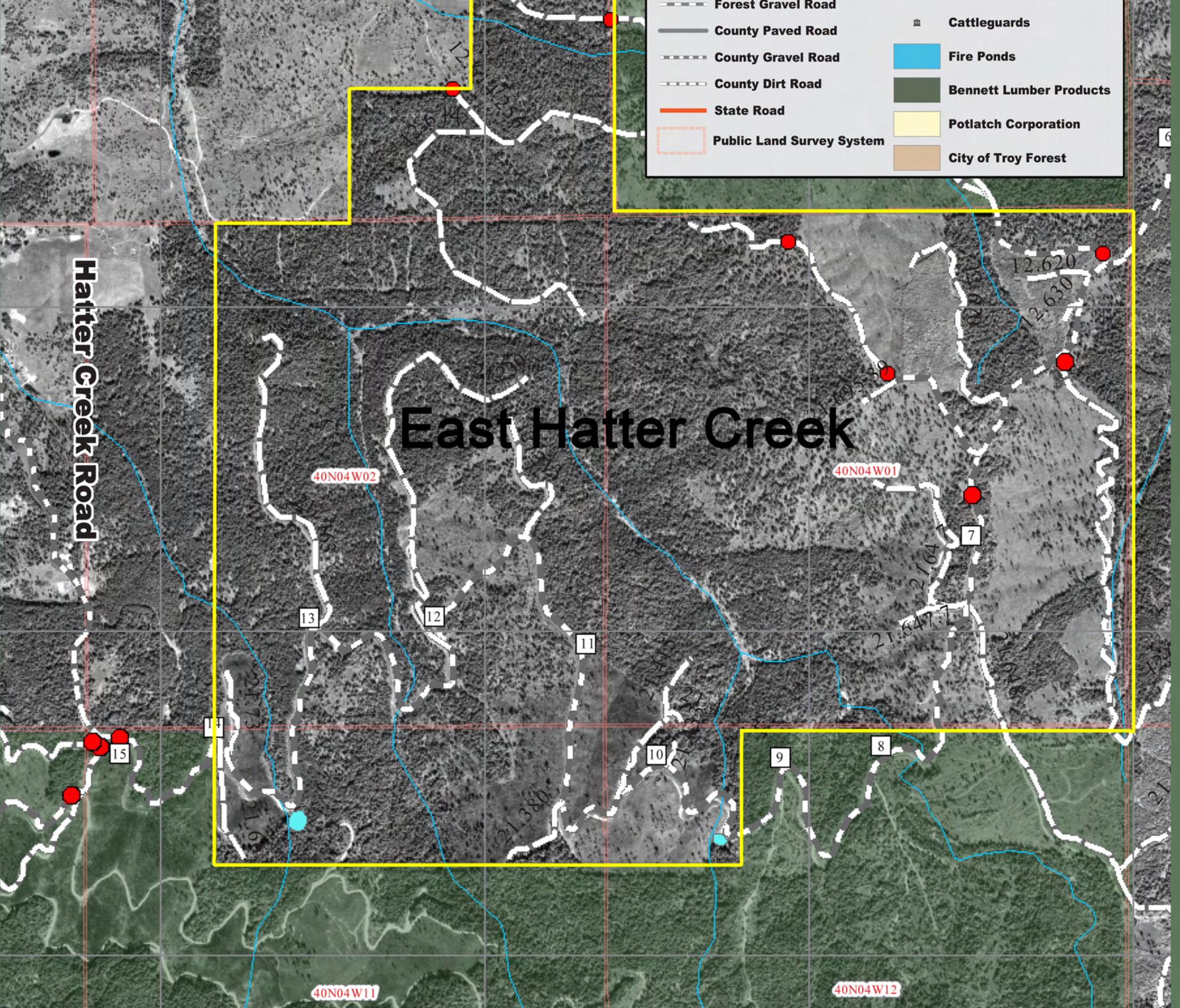
Study Site

This study took place on the East Hatter Creek Unit of the University of Idaho Experimental Forest.



UI Experimental Forest Administrative Map 2004

- | | |
|---------------------------|-------------------------|
| Running Surface Water | Forest Gates |
| Railroad Grade | CB Mile Markers |
| Forest Gravel Road | Cattleguards |
| County Paved Road | Fire Ponds |
| County Gravel Road | Bennett Lumber Products |
| County Dirt Road | Pottlatch Corporation |
| State Road | City of Troy Forest |
| Public Land Survey System | |



East Hatter Creek



Location of Complete Research:

Author & Title: Sepulveda, Norvin E.

An Integral Environmental Assessment of the East Hatter
Creek Unit of the University of Idaho Experimental Forest

University of Idaho Library:

Call Number- **Not found in the Library's data base.**

College of Natural Resources:

Department-**Forest Products**

Other Sources: