

SNOW LAKES
WATERSHED ASSESSMENT

October 2005

Deschutes National Forest
Bend/Fort Rock Ranger District

USDA Non-Discrimination Statement
Revised 6/8/2005

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, DC 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

SNOW LAKES

WATERSHED ASSESSMENT

This document provides updates to the following watershed assessments:

- **Cascade Lakes Watershed Analysis (June 1995)**
- **Browns/Wickiup Watershed Analysis (December 1997)**

October 2005

**Deschutes National Forest
Bend/Fort Rock Ranger District**

Snow Lakes Watershed Assessment Update Team

Les Moscoso – Recreation

Robin Gyorgyfalvy – Landscape Architecture

Janine McFarland – Heritage Resources

Gini Stoddard – Geographic Information Systems

Barbara Schroeder – Silviculture

Charmane Powers – Botany

Maurice Evans – Fire and Fuels

Jim Lowrie – Wildlife

Tom Walker – Fisheries

Louis Wasniewski – Hydrology

John Davis – Editor

Terry Craigg – Soils and Team Leader

Table of Contents

Chapter I		
	Introduction	1
	Distinguishing Watershed Features	2
	Land Allocations	8
Chapter II		
	Issues.....	12
	Physical Domain	12
	Biological Domain	12
	Social Domain	13
	Core/Key Questions.....	14
	Physical Domain	14
	Biological Domain	15
	Social Domain	16
Chapter III and IV		
	Description of Current and Reference Conditions	17
	Physical Domain	
	Climate and Weather	17
	Air Quality	18
	Geology	18
	Soil Resource	19
	Erosion Processes	25
	Hydrology	26
	Biological Domain	
	Vegetation	38
	Fuels	53
	Wildlife	57
	Fish	78
	Botany	83
	Social Domain	
	Recreation	94
	Scenic Quality	95
	Heritage Resources	95
Chapter V		
	Synthesis and Interpretation of Information	94
	Physical Domain	94
	Biological Domain	95
	Social Domain	96
Chapter VI		
	Management Goals and Recommendations & Data Gaps and Monitoring	98