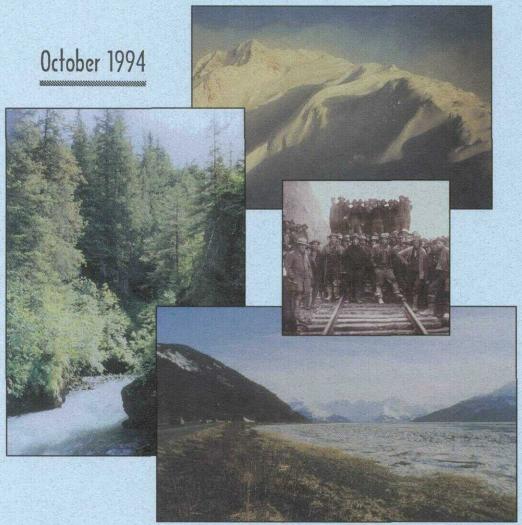
TURNAGAIN ARM MANAGEMENT PLAN

for State Lands



Prepared by

Alaska Department of Natural Resources Division of Land Resource Assessment & Development Section





TURNAGAIN ARM MANAGEMENT PLAN

for State Lands

October 1994

Prepared by

Alaska Department of Natural Resources Division of Land Resource Assessment & Development Section





Front cover photos:

Top: Slopes above upper Glacier Creek.

Left center: Forest along Glacier Creek.

Right center: Seward track laying gang after the last rail was laid between Seward and Anchorage at Milepost 78, September 11, 1918. Photo courtesy Anchorage Museum of History and Art. AEC G912.

Bottom: Seward Highway and icy tidelands along Turnagain Arm, looking east toward Portage Valley.

This publication was released by the Department of Natural Resources, Division of Land, to inform the public about the Turnagain Arm Management Plan for State Lands, produced at a cost of \$18.52 per copy, in Anchorage, Alaska.

TABLE OF CONTENTS

PLANNING TEAM	iii
COMMUNITY ADVISORY BOARD	iv
STAFF	v
ACKNOWLEDGEMENTS	ν
PHOTO CREDITS	v
CHAPTER 1. INTRODUCTION	
Purpose of the plan	1-1
How this document is organized	1-3
Description of the planning area	
Why this plan was developed	
What decisions are made by the plan	
What the plan won't do	1-8
How the plan was developed	1-9
Summary of plan implementation and modification	1-10
CHAPTER 2. AREAWIDE LAND MANAGEMENT POLIC	CIES
Introduction	2-1
Fish and wildlife habitat	2-3
Forest resources	2-6
Heritage resources	2-8
Recreation	2-10
Resort development	2-15
1 10301 t 40 4010 pril 01 tt	
Shorelands, tidelands, and submerged lands	
•	2-29
Shorelands, tidelands, and submerged lands	2-29 2-32
Shorelands, tidelands, and submerged lands Stream corridors	2-29 2-32 2-34

CHAPTER 3. MANAGEMENT POLICIES FOR EACH MANAGEMENT UN	ŀΤ
Introduction	3-3
Management Unit 1 - West Turnagain Arm	
Management Unit 2 - Crow Pass	
Management Unit 3 - Glacier/Winner Creek	3-15
Management Unit 4 - Mount Alyeska	3-23
Management Unit 5 - East Turnagain Arm	3-27
CHAPTER 4. IMPLEMENTATION	
Introduction	4-1
Areas recommended for addition to Chugach State Park	4-1
State selections	4-2
Land use classifications	4-3
Mineral orders	4-4
Public trust doctrine	4-5
Municipal selections	
Instream flow reservations	
Recommendations for other agencies	
Procedures for plan review and changes	4-9
APPENDICES	
Appendix A. Glossary	A-1
Appendix B. Mineral orders	B-1
Appendix C. Resort Development Summary	
Appendix D. Publications related to the plan	D-1
Appendix E. Index	E-1
LIST OF MAPS	
Map 1-1. Planning area and generalized land ownership	1-5
Map 3-1. Management Unit index map	3-1
Map 3-2. Management Unit 1. West Turnagain Arm	3-7
Map 3-3. Management Unit 2. Crow Pass	
Map 3-4. Management Unit 3. Glacier/Winner Creek	
Map 3-5. Management Unit 4. Mount Alyeska	
Map 3-6. Management Unit 5. East Turnagain Arm	
Map 4-1. Potential Municipal selection areas	4-7
LIST OF FIGURES AND TABLES	
Figure 1-1. Location of planning area	1-4
Figure 1-2. Plan development process	1-11
Table 4-1. Conversion of land use designations to classifications	4-3

PLANNING TEAM

Department of Natual Resources:

Division of Land, Southcentral Region

Greek Taylor

Division of Forestry

Dan Ketchum

Jim Eleazer (to August 1993)

Division of Mining & Water Management

Mitch Henning (Mining)

Gary Prokosch (Water)

Division of Oil and Gas

Marie Crosley

Division of Parks and Outdoor Recreation

Al Meiners

Ron Crenshaw (to July 1992)

Department of Fish & Game—Habitat Division

Kim Sundberg

Department of Transportation

Pat Beckley

Department of Environmental Conservation

Priscilla Wohl

Municipality of Anchorage, Community Planning & Development

Tom Nelson

U.S. Forest Service - Glacier Ranger District

Vic Baer

Alison Rein (to August 1994)

Steve Hennig (to January 1993)

COMMUNITY ADVISORY BOARD

Girdwood Board of Supervisors

Tom Yeager

Diane Powers

Tim Bennett

Bill Schwartz

Municipality of Anchorage Assembly

Pat Abney

Jim Barnett (to July 1993)

Municipality of Anchorage—at large

Lana Johnson

Municipality of Anchorage Heritage Land Bank

Michael McElligott

Paul Baer (to July 1994)

Municipality of Anchorage Parks & Recreation Commission

James Pefanis

Ken Wardwell (to March 1993)

Municipality of Anchorage Heritage Land Bank Advisory Commission

Barbara Granger

Gary McCarthy

Municipality of Anchorage Planning & Zoning Commission

Bill Reeves

Joe Murdy (to July 1993)

STAFF

Department of Natural Resources

Division of Land Resource Assessment & Development Unit

Ron Swanson (Director, Division of Land))

Dick Mylius (Unit Manager)

Martha Welbourn (Unit Manager to February 1994)

Ed Fogels (Project Manager)

Robin Hall (Graphics Support)

Susan Peck (Graphics Support)

Pearl Reamer (Clerical Support)

Ronda Wilson (Clerical Support)

ACKNOWLEDGEMENTS

We would like to acknowledge the help and support of the Municipality of Anchorage's Department of Community Planning and Development, Heritage Land Bank, and Girdwood Board of Supervisors. Our thanks also go to all the other DNR staff that made this project successful, especially Bruce Talbot, who reminded me to do an acknowledgements section.

PHOTO CREDITS

Contemporary photographs appearing in the Turnagain Arm Management Plan are from the Resource Assessment & Development Section's photo files. Historical photographs are provided by the Anchorage Museum of History and Art. Credits for historical photos:

Front cover and Chapter 2, page 2-8. Seward track laying gang after the last rail was laid between Seward and Anchorage at Mile 78, September 11, 1918. AEC G912.

Chapter 1, page 1-1. The Glacier Creek valley and the community of Girdwood in 1906. Odale Collection, Girdwood I 1906. B91.9.65.

Chapter 1, page 1-3. Trail and grade line visible along Turnagain Arm prior to railroad construction, early 1900's. Alaska Railroad Collection, P. S. Hunt. AEC G322.

Chapter 3, page 3-5. Railroad construction camp at Milepost 83, Bird Point, 1917. P. S. Hunt. AEC G608.

Chapter 3, page 3-29. Roof of snow shed covering railroad tracks at Milepost 75.5, October 12, 1919, looking east toward Portage Valley. Alaska Railroad Collection. AEC G1498.