

TABLE OF CONTENTS

DISCLAIMER PAGE	ii
ACKNOWLEDGMENTS	iii
EXECUTIVE SUMMARY	iv
TABLE OF CONTENTS	ix
INTRODUCTION	1
Recovery Unit Designation	1
Geographic Description	5
DISTRIBUTION AND ABUNDANCE	10
Status of Bull Trout at the Time of Listing	10
Current Distribution and Abundance	10
REASONS FOR DECLINE	22
Dams	22
Forest Management Practices	23
Livestock Grazing	24
Agricultural Practices	24
Transportation Network	26
Mining	27
Residential Development	27
Fisheries Management	27
Isolation and Habitat Fragmentation	30
ONGOING RECOVERY UNIT CONSERVATION MEASURES	31
RELATIONSHIP TO OTHER CONSERVATION EFFORTS	34
State of Oregon	34
State of Washington	35
Columbia River Intertribal Fish Commission	37

Chapter 11 - Grande Ronde River

Confederated Tribes of the Umatilla Indian Reservation	37
Nez Perce Tribe	38
 STRATEGY FOR RECOVERY	40
Recovery Goals and Objectives	42
Recovery Criteria	47
Research Needs	51
 ACTIONS NEEDED	56
Recovery Tasks Narrative	56
 IMPLEMENTATION SCHEDULE	73
 REFERENCES	88
APPENDIX A: List of Chapters	95

List of Figures

Figure 1. Bull trout recovery units in the United States.	2
Figure 2. Grande Ronde River Recovery Unit (Grande Ronde and Little Minam Core Areas) for bull trout in Oregon and Washington.	3
Figure 3. Fluvial bull trout captured moving upstream in the Lostine River during 2001.	16
Figure 4. Number of redds observed in the Little Minam River watershed from 1997 to 2000.	20

List of Tables

Table 1. Bull trout spawning ground survey schedule in the Grande Ronde River Recovery Unit during 2001..... 12

Table 2. Local populations and streams with potential to expand existing bull trout distribution in the Grande Ronde River Recovery Unit. 43