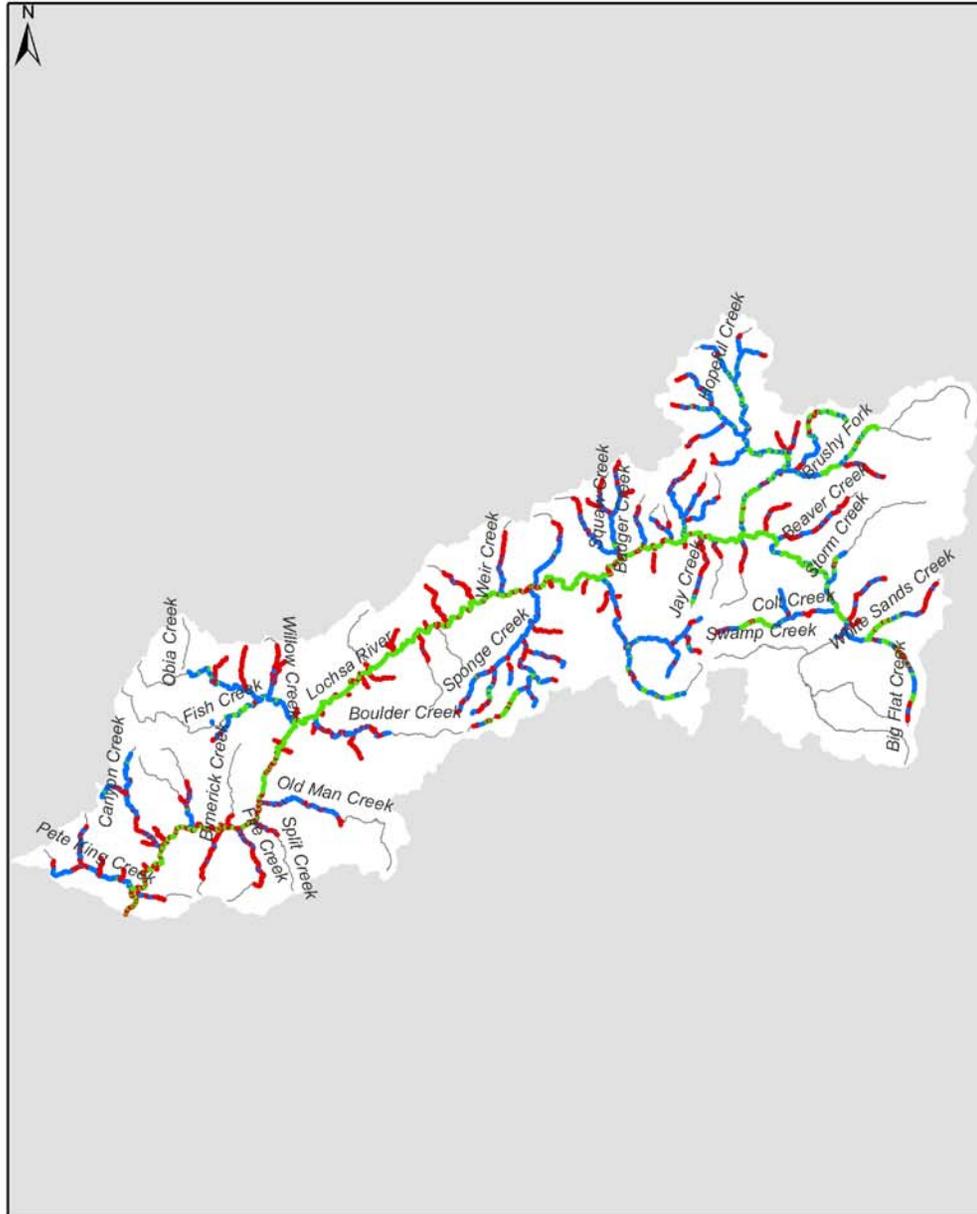


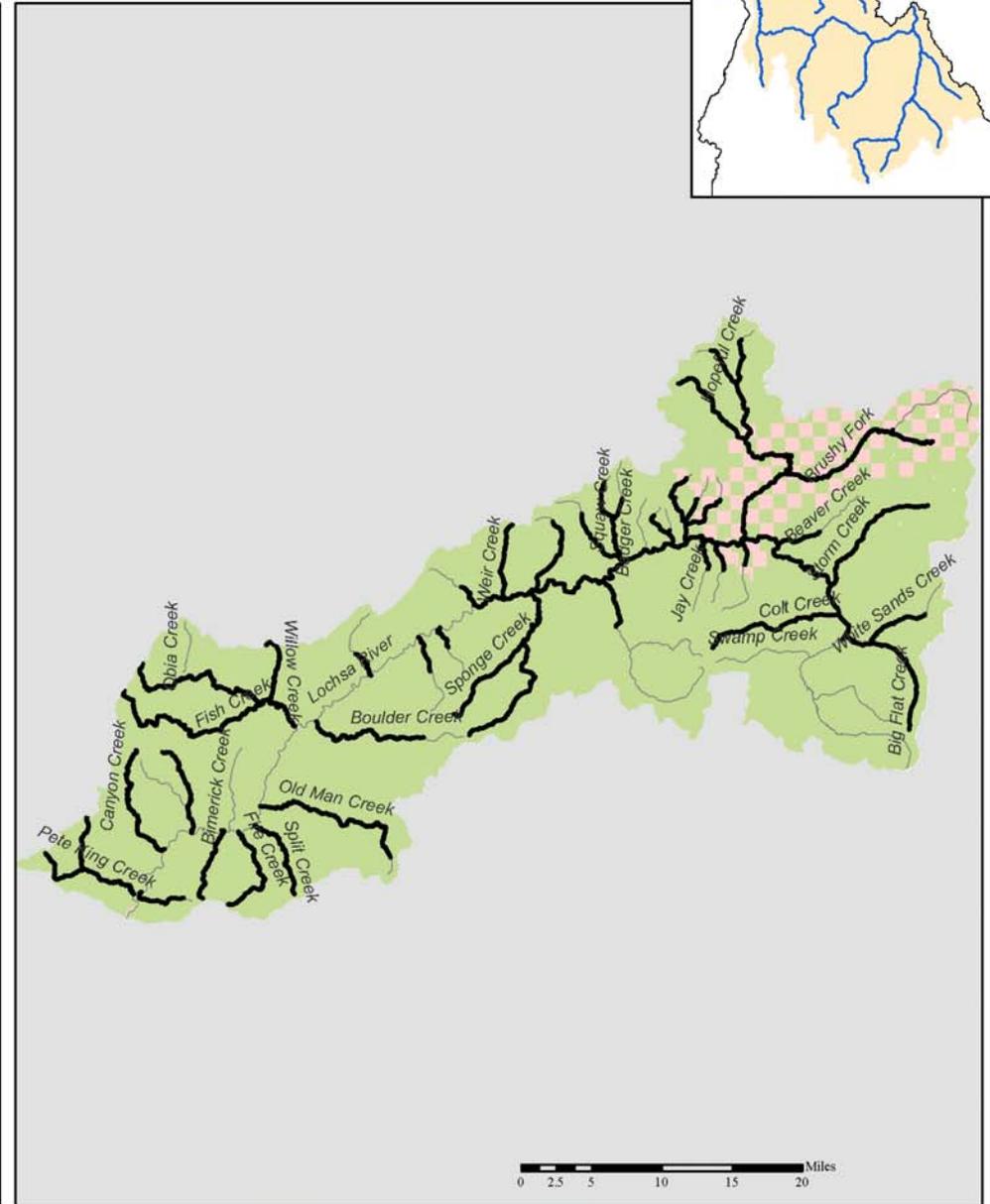
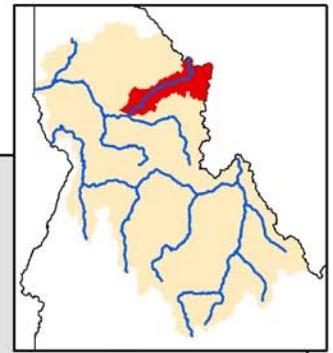
Lochsa River Steelhead population



Intrinsic potential for spawning and rearing

— low — moderate — high

Habitat and Spawning

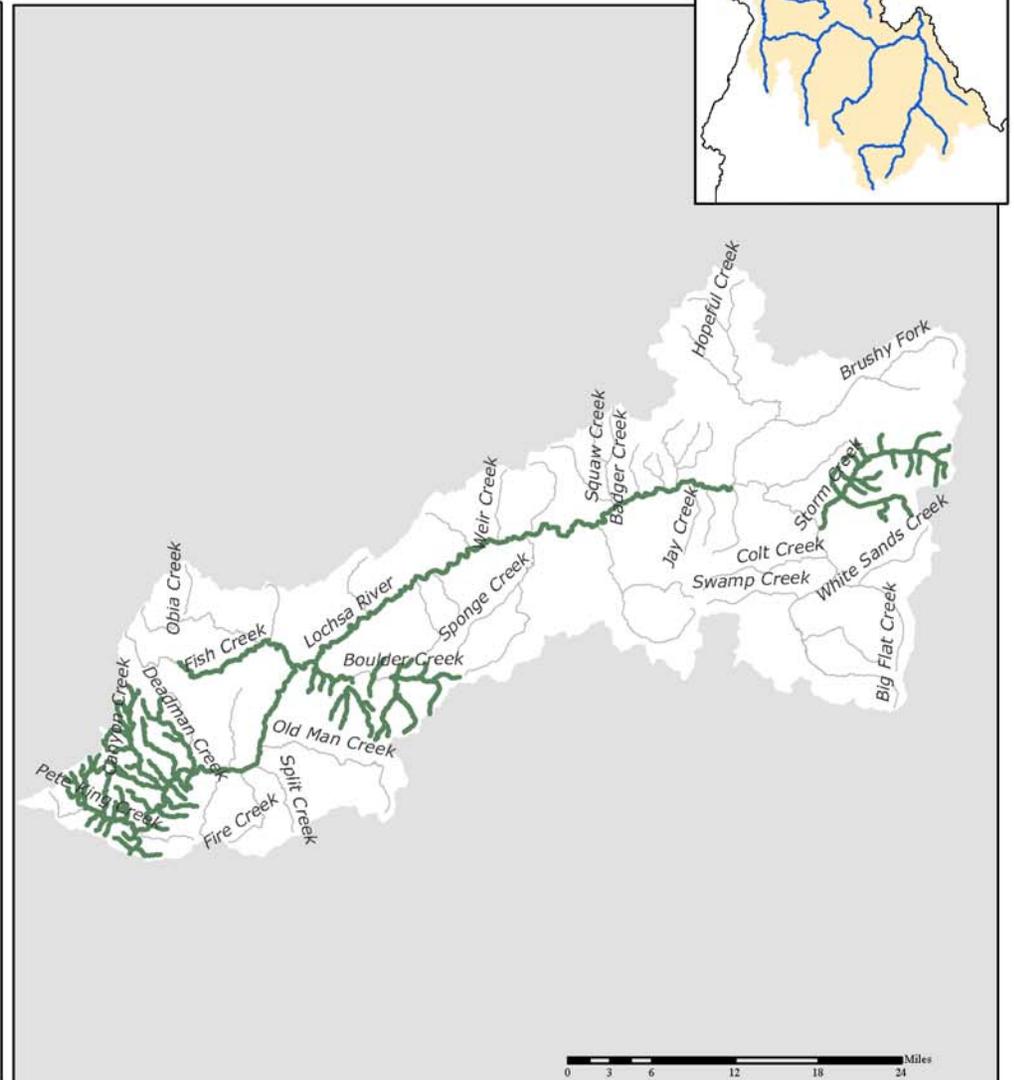
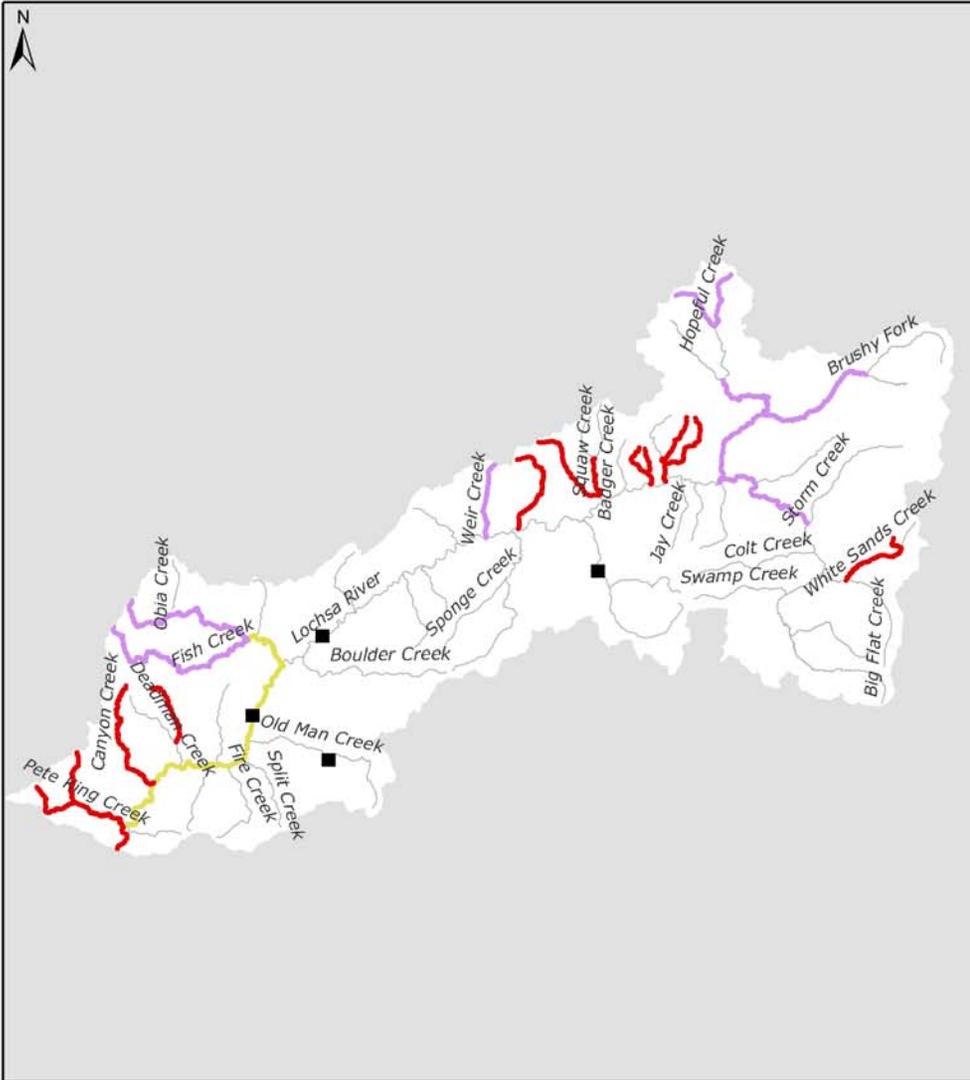
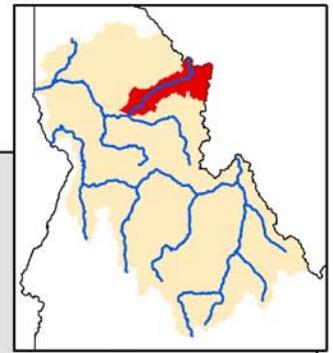


— Spawning B.L.M. Private
 Forest Service State of Idaho

Lochsa River Steelhead population

Limiting Factors to Habitat

Key factors: temperature, blocked passage



IDFG constraints to steelhead habitat

- Gravel Quality
- Passage Blocked
- Passage Impeded

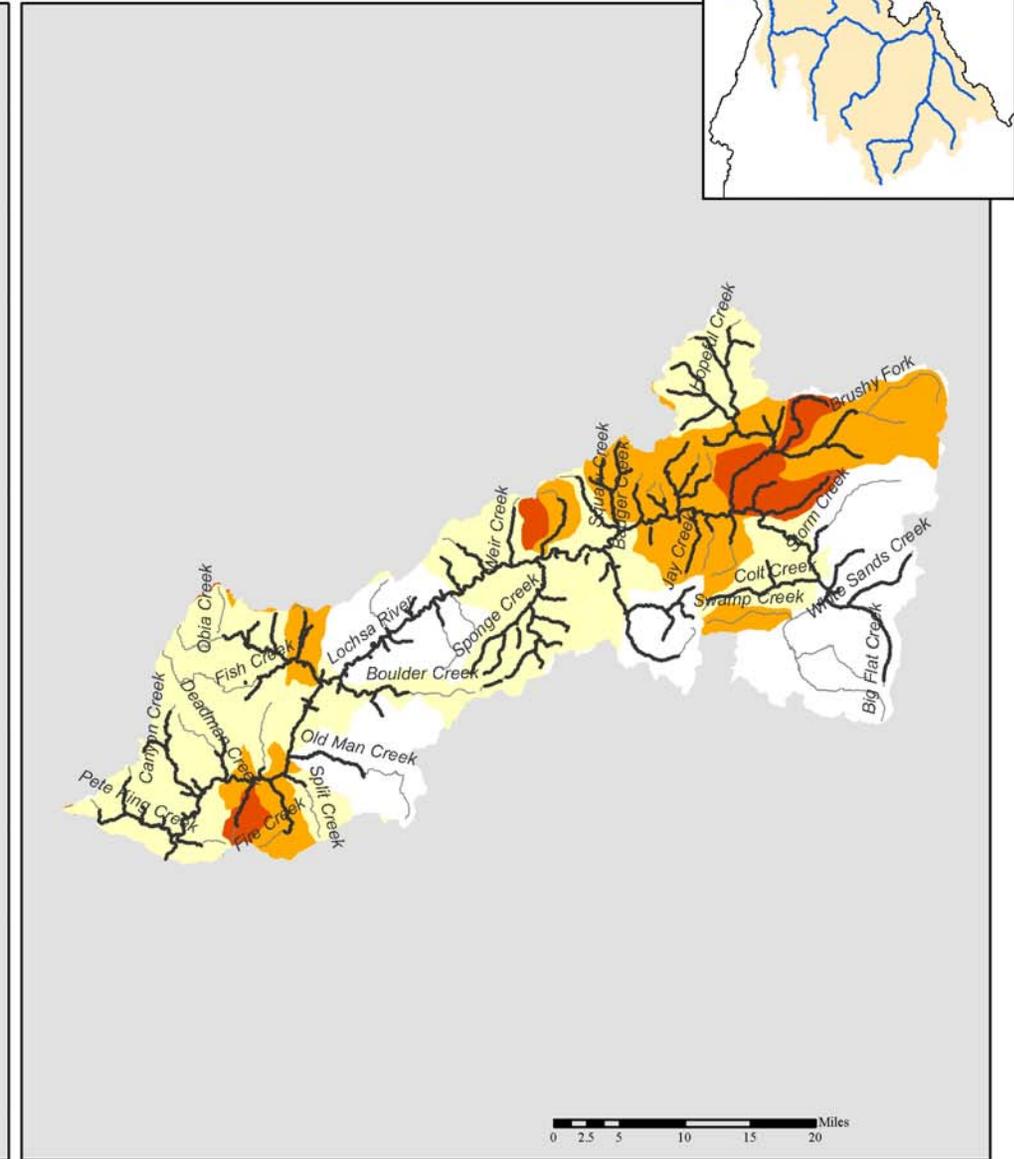
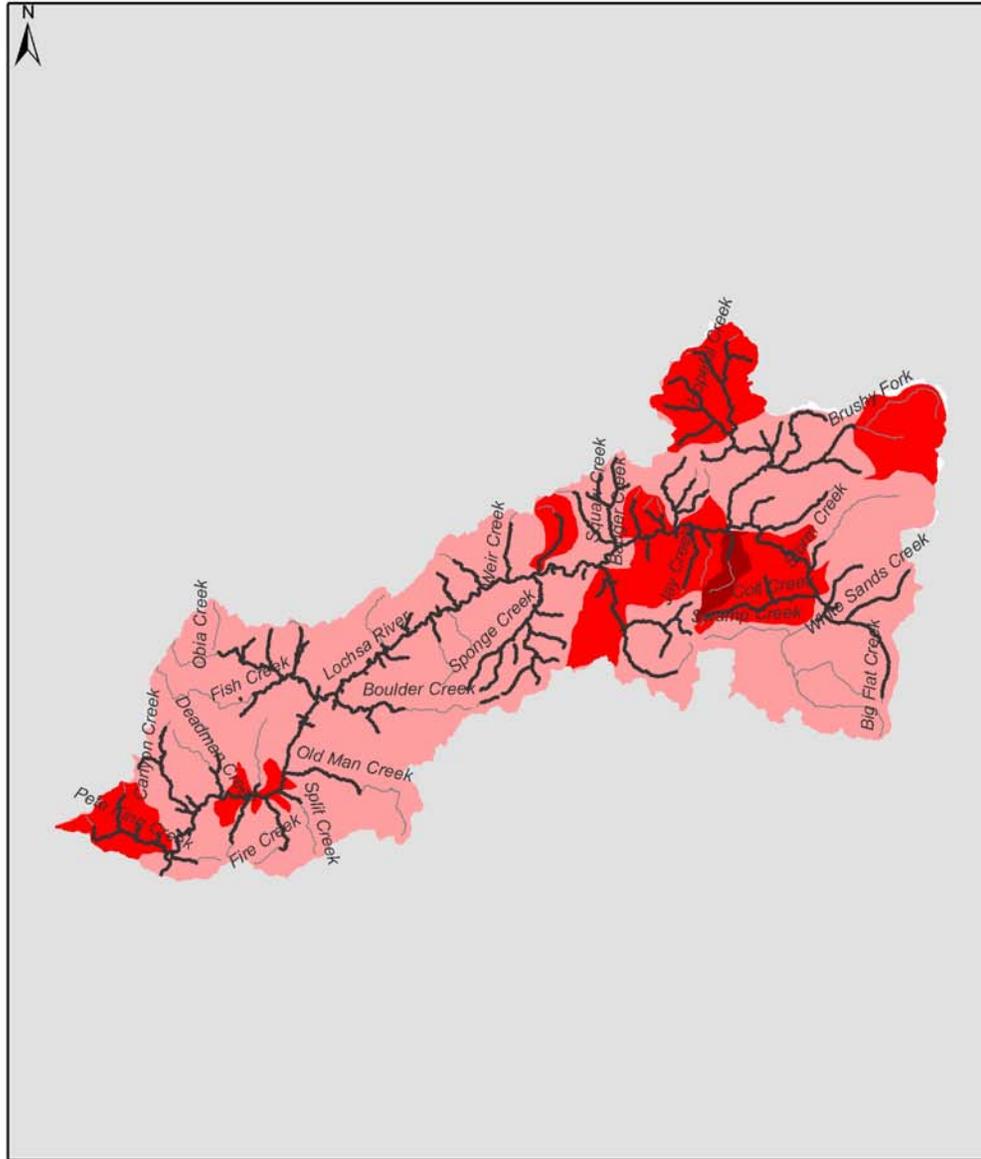
- Fish passage barriers
- ▲ Hatchery release point

2002 303(d) listed streams:

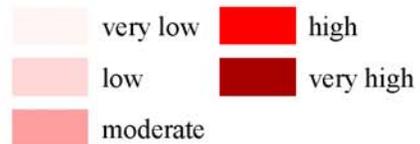
- Temperature

Lochsa River Steelhead population

Threats

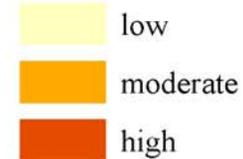


Severe fire risk



— Streams with intrinsic potential
 — Streams without intrinsic potential

Annual forest management activity (acres)



Data sources: NMFS, ICBEMP.

Limiting Factors

StreamNet Data

IDEQ's 2002 303(d) listings

Stream Name	Constraint	Length (miles)	Water body	Cause	Length (miles)
Bald Mtn Cr	Passage Blocked	6.1	Boulder Creek - source to mouth	Temperature	45.2
Beaver Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	7.6	Canyon Creek - source to mouth	Temperature	27.1
Big Flat Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	8.4	Deadman Creek - East Fork Deadman Creek to mouth	Temperature	2.2
Big Sand Cr	Passage Blocked	3.3	Deadman Creek - source to East Fork Deadman Creek	Temperature	8.7
Boulder Cr	Passage Blocked	13.3	Fish Creek - Hungery Creek to mouth	Temperature	4.7
Boulder Cr	Steep Gradient	7.5	Fish Creek - source to Hungery Creek	Temperature	8.4
Canyon Cr	Sedimentation	10.1	Lochsa River - confluence of Crooked Fork, White Sand Creek	Temperature	13.1
Colt Cr	Passage Impeded	10.5	Lochsa River - Deadman Creek to mouth	Temperature	38.1
Coolwater Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	6.1	Lochsa River - Fish Creek to Old Man Creek	Temperature	6.9
Crooked Fk, Brushy Fk	Instream Cover Poor	10.0	Lochsa River - Indian Grave Creek to Fish Creek	Temperature	19.5
Crooked Fk, Brushy Fk	Passage Blocked	9.3	Lochsa River - Old Man Creek to Deadman Creek	Temperature	6.9
Deadman Cr, E Fk	Sedimentation	5.3	Lochsa River- Warm Springs Creek to Indian Grave Creek	Temperature	12.0
Doe Cr	Sedimentation	7.0	Pete King Creek - Walde Creek to mouth	Temperature	18.2
Fire Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	8.1	Storm Creek - source to mouth	Temperature	46.8
Fish Cr	High Temperatures	4.6	Walde Creek - source to mouth	Temperature	12.5
Fish Cr	Instream Cover Poor	15.6			
Fish Lake Cr	Passage Impeded	16.1			
Hopeful Cr	Instream Cover Poor	4.6			
Hungery Cr	Instream Cover Poor	13.5			
Indian Grave Cr	Passage Blocked	4.8			
Jay Cr	Steep Gradient	5.9			
Kerr Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	4.8			
Lochsa R	High Temperatures	21.7			
Lochsa R	Large Stream Size	44.7			
Lochsa R	Sedimentation	2.3			
Lochsa R, Crooked Fk	Instream Cover Poor	17.7			
Lochsa R, Crooked Fk	Passage Impeded	5.0			
Old Man Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	15.1			
Papoose Cr	Sedimentation	1.9			
Papoose Cr, E Fk	Sedimentation	3.8			

Papoose Cr, W Fk	Pool To Riffle Ratio (Lack Of High Quality Pools)	5.3
Parachute Cr	Sedimentation	5.4
Pete King Cr	Sedimentation	9.4
Postoffice Cr	Sedimentation	7.6
Split Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	7.0
Sponge Cr	Passage Impeded	8.0
Spruce Cr	Passage Impeded	3.5
Squaw Cr	Gravel Quantity	0.5
Squaw Cr	Sedimentation	3.1
Stanley Cr	Passage Blocked	6.4
Storm Cr	Passage Impeded	10.6
Walde Cr	Sedimentation	4.2
Walton Cr	Steep Gradient	6.4
Warm Springs Cr	Passage Blocked	6.1
Weir Cr	Instream Cover Poor	5.9
Wendover Cr	Sedimentation	2.9
Wendover Cr, W Fk	Sedimentation	2.7
White Sands Cr	Instream Cover Poor	9.9
White Sands Cr	Passage Impeded	3.9
White Sands Cr	Sedimentation	6.6
White Sands Cr	Steep Gradient	2.5
Willow Cr	Pool To Riffle Ratio (Lack Of High Quality Pools)	5.2

Idaho Department of Environmental Quality. 2006. 2002-2003 305(b) Integrated Report, vector data. Available through Inside Idaho: <http://inside.uidaho.edu/geodata/find.htm>

Idaho Department of Fish and Game. 1989. Habitat Quality for Smolt Density Model, vector data. Available through StreamNet: <http://www.streamnet.org/>