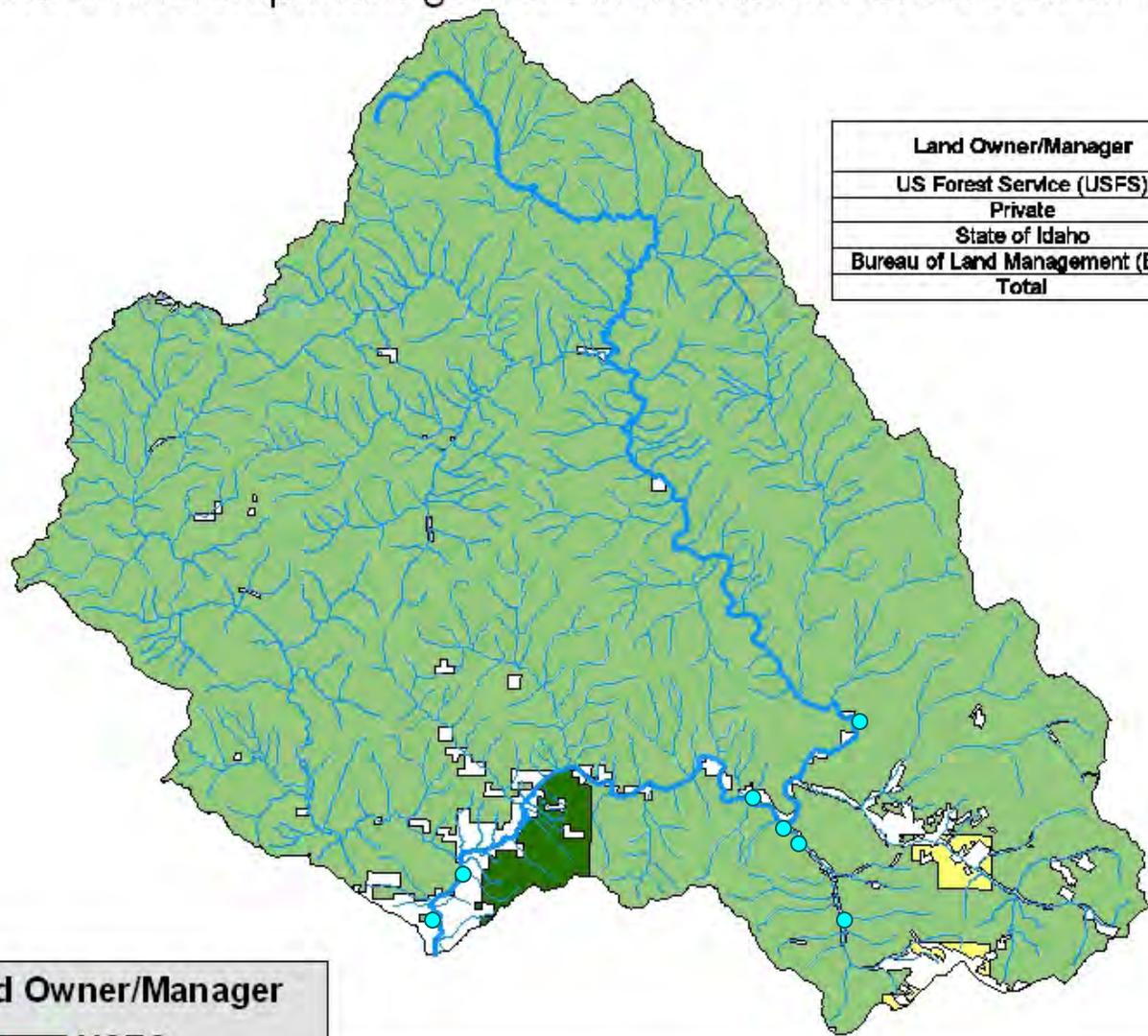


# North Fork Coeur d'Alene Subbasin – 2009 Project Applications

May 28, 2009  
Kajsa Stromberg

# Land Ownership/Management in the North Fork Coeur d'Alene River Watershed



Land Owner/Manager	Acres	Percent Land Owned/Managed
US Forest Service (USFS)	540,033	94%
Private	23,007	4%
State of Idaho	7,401	1%
Bureau of Land Management (BLM)	3,300	1%
<b>Total</b>	<b>573,741</b>	<b>100%</b>

● Project Application Sites

**Land Owner/Manager**

- USFS
- PRIVATE
- STATE
- BLM

The Bureau of Land Management (BLM) in Idaho creates and maintains the land ownership data layers. Data layers used to create this map were provided to the Idaho Department of Environmental Quality on January 9, 2007. The data layer was developed by BLM on November 11, 2006.

# Common Landowner Concerns

- Loss of property / bank erosion
- Loss of large trees due to bank erosion
- Deposition of sediment/bedload and instability of channel (esp. Beaver Creek)
- Environmental: water quality and habitat for fish and wildlife



North Fork Coeur d'Alene  
River bank conditions just  
downstream from  
Bumblebee Bridge

May 2009

North Fork Coeur d'Alene  
River bank conditions just  
upstream from Enaville

May 2009





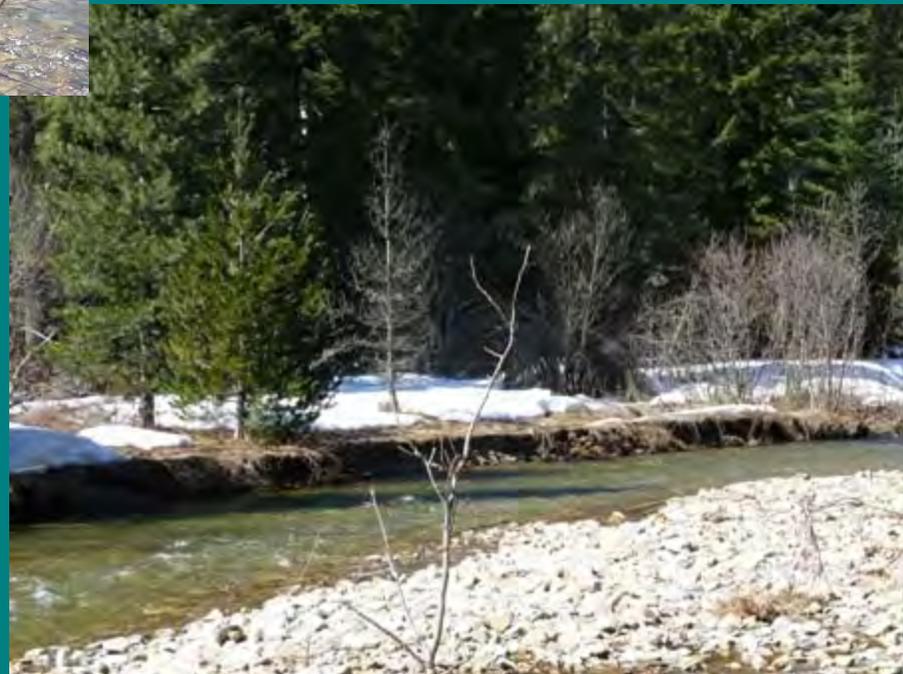
North Fork Coeur d'Alene  
River bank erosion and  
threatened cedar  
downstream from Beaver  
Creek confluence

May 2009



Beaver Creek bedload  
deposition and instability,  
bank erosion

2009



# Common Issues

- Excess sediment, warm temperatures, reduced habitat quality for aquatic life
- Landowner concerns about properties
- Removal or loss of riparian vegetation
- Historic impacts of land use practices
- Bedload deposition and transport
- Bank erosion

# Potential Practices to Address Concerns

- Technical support available from several sources
- Riparian plantings
- Rip-rap / bank armoring
- Log structures
- Biological materials, coconut fiber mats
- Root wads
- Rock barbs
- Deflectors to reduce near-bank stress

# Strategy – 2009 and Beyond...

- 2009:
  - \$140,000 for private lands, targeting cutthroat trout benefits and water quality improvement on at least six sites.
- Technical review June 3, 2009
- Final site selections June 5, 2009
- Construction August-October 2009

# Strategy – 2009 and Beyond...

- What would you like us to consider when ranking, selecting and funding projects?
- “Bang for the Buck”
- Landowner readiness and match
- Benefits to aquatic life, especially cutthroat trout
- Water quality improvement and pollutant load reductions
- Strategic fit – upstream/downstream/watershed approach
- Will it work?? Can the goals for agencies and landowners be achieved successfully?

# Strategy – 2009 and Beyond...

- What would you like to see us pursue in the future, how can we use this project as a springboard for the future?
- Completion of updated Subbasin Assessment and compilation of TMDL Implementation Plan
- Recreation focused River Management Plan, \$10,000 grant from RAC and graduate student from UofI
- 319 grants and other funding sources can be pursued

Thank you!

