



Nestucca-Neskowin Watersheds  
Council

# Bear Creek Restoration Project

A cooperative effort of private  
landowners, timber industry and  
public agencies.



# Restoration Goals

- **Improve in-stream and riparian habitat complexity, retain gravels, and reconnect the stream to the floodplain.**
- **Increase the diversity of tree species, shade, wildlife habitat, and future LWD recruitment to the stream.**



# Partners & Roles

- NNWC – project management
- Private landowners – access & trees
- Green Diamond Resource Co. – access & trees
- US Forest Service – trees
- Oregon Watershed Enhancement Board & Tillamook Estuaries Partnership – funding



# Location

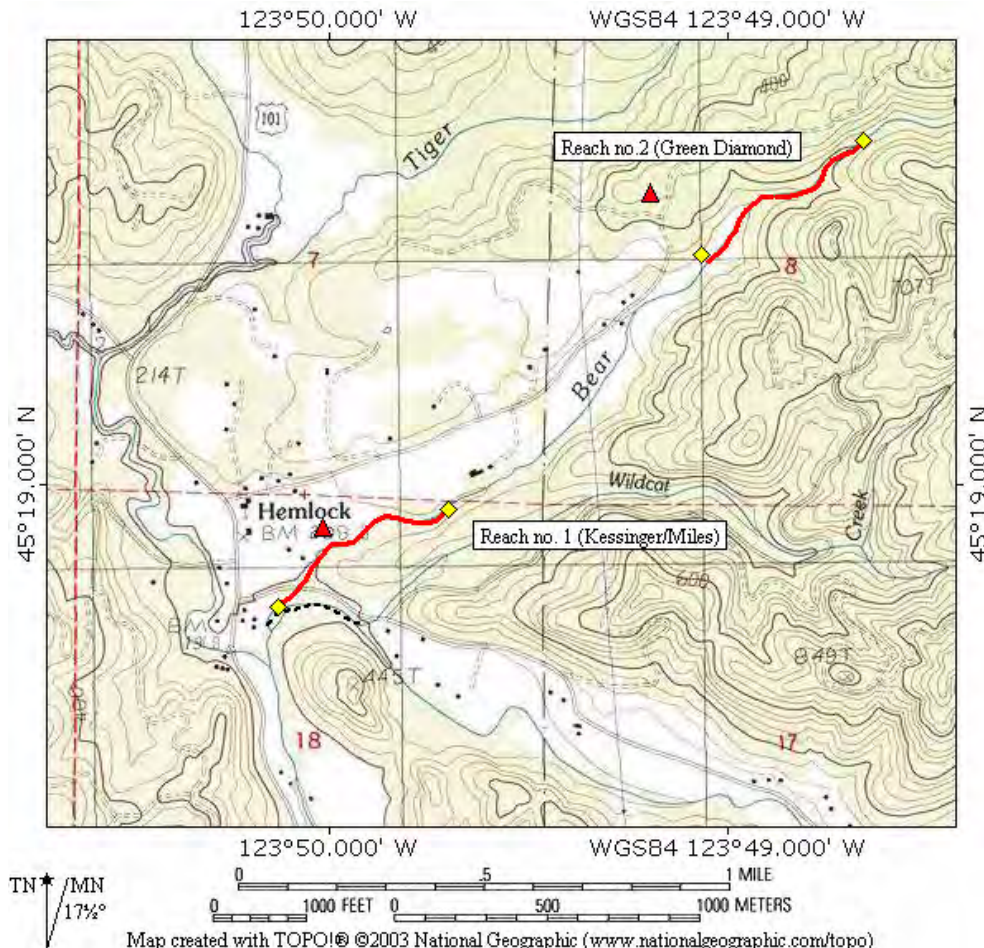
12 miles south of  
Tillamook, OR

T3S R9W Sec. 8 & 18

◇ Diamonds mark the  
beginning and end of  
restoration activities.

▲ Triangles mark log  
staging areas (only  
lower site used).

Dashed line shows  
planting only area.





# Restoration Area 1

- Lower portion of the project
  - Placed 59 logs in
  - 10 structures along
  - 1900 feet of Bear Cr.



# Acquiring Logs

- Trees came from US Forest Service land along Farmer Creek Road.





# Log Transport

- Log transport contractor staging logs in meadow





# Log Placement

- Log placement contractor moving logs from the staging area to each site





# Log Placement

- Excavator with grapple & heel rack placing logs





## Restoration Area 2

- Upper portion of the project
  - Placed 54 logs in
  - 11 structures along
  - 930 feet of stream



# Acquiring Logs

- Upper reach logs came from the site.





# Log Placement

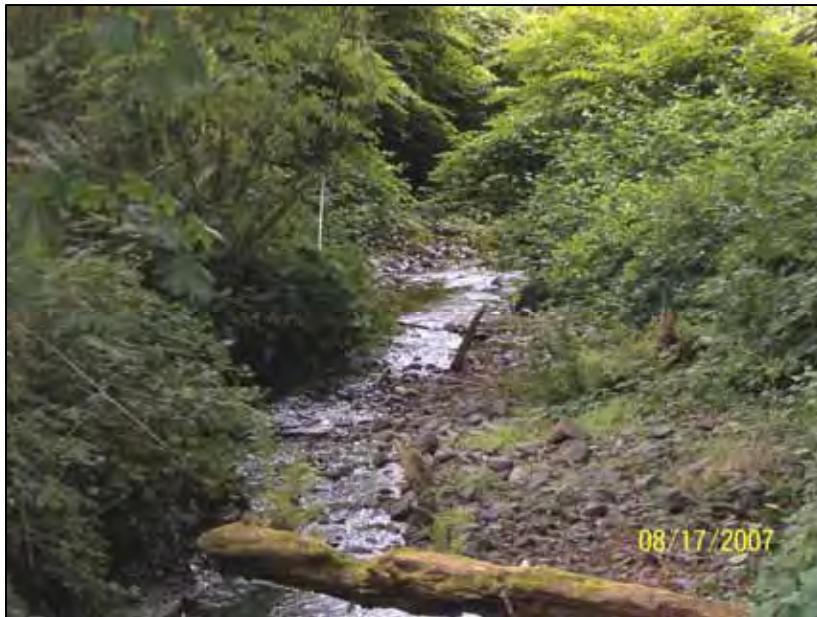
- Excavator with grapple & heel rack built 10 structures in Reach 2 - total of 21 sites.





# Before & After

## Site 3



Note removal of blackberry & knotweed  
Native trees & shrubs will be planted here & elsewhere.



# Conclusions

- Log placement work completed on time & under budget
- Riparian planting along both Bear & East Beaver Creeks will occur in winter 2008
- Post-project fish survey will occur in 2008
- Monitoring of the structures will occur in 2007, 2008 & 2009



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## Thanks

- *Private landowners*
- *Green Diamond Resource Co.*
- *US Forest Service*
- *Oregon Watershed Enhancement Board, Tillamook Estuaries Partnership*
- *Local Contractors*