

# Help this Habitat

Below are some characteristics of stream and lake habitats in need of improvement. Develop a habitat improvement plan for both a lake and a


stream. Answer the questions in the boxes. Using the icons in the Habitat Legend, draw the structures on the map below.





## Lake

- Lake is approximately 40 acres
  - ✓ 20 acres of the lake is shallow, 7 feet or less
  - ✓ 20 acres of the lake is 7 feet or deeper
- Largemouth bass population is low and limited to small fish
- Baitfish populations are very low

### HABITAT LEGEND

 = 20 Clusters

 = 50 Cribs

 = 1 Multi-log Deflector

 = 1 Cross Vane



## Lake Habitat Plan

**Goal: Create refuge areas for young bass and baitfish.**

1. What type of fish habitat and how many should be placed in the 3- to 4-foot water of the lake?

Type: \_\_\_\_\_

How many? \_\_\_\_\_  
(20 acres x clusters per acre)

2. What type of fish habitat and how many should be placed in the 10- to 15-foot water of the lake?

Type: \_\_\_\_\_

How many? \_\_\_\_\_  
(20 acres x structures per acre)

*See "Lake Improvement Toolbox."*

DAM

7 plus feet (20 acres)

0-7 feet (20 acres)



## Stream

- Eroded banks are near the lakeshore and carries silt into the lake
- Wide channel in straight sections
- Bottom covered with silt
- Stocked with trout but many leave the area shortly after stocking

## Stream Habitat Plan

**Goal: Stabilize banks to reduce erosion and sedimentation. Narrow the stream channel.**

1. What type and how many habitat structures would you need to narrow and center water flow in the impaired stream?
2. What type and how many habitat structures would you need to protect the eroded outside bank and provide cover for trout?

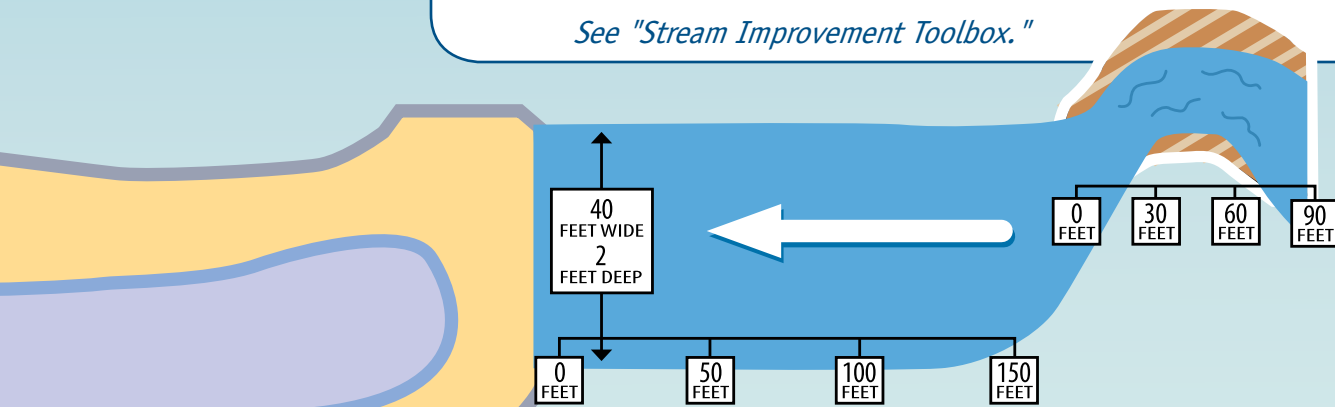
Type: \_\_\_\_\_

How many: \_\_\_\_\_  
(spaced 50 feet apart)

Type: \_\_\_\_\_

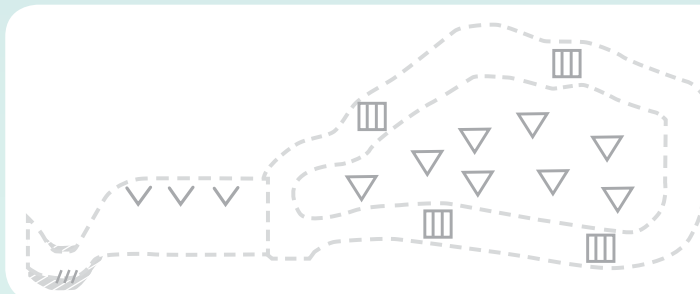
How many: \_\_\_\_\_  
(spaced 30 feet apart)

See "Stream Improvement Toolbox."



# PLAY

Editor: Spring Gearhart  
Design and Illustrations: Jeff Decker  
Photos: PFBC archives  
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- Lake Habitat Plan**
1. post cluster structures; 80 clusters
  2. porcupine cribs; 400 cribs
- Stream Habitat Plan**
1. cross vane; 3
  2. multi-log deflector; 3

A N S W E R S