

**1. Ramsey Ponds & Columbia Slough Banks (RR bridge to N bank North Slough)
(30 acres)**

Wildlife objectives:

- improve riparian forest for neotropical migrants;
- provide corridor for wildlife moving between Kelly Point Park and the wildlife area;
- provide shrub habitat for neotropical migrants (e.g., willow flycatcher);
- improve basking and nesting habitats for painted turtles;
- provide habitat for amphibians, reptiles and small mammals.

Habitat objectives:

- regenerate riparian forest along slough and reduce forest fragmentation;
- establish mixed tree and shrub habitat for neotropical migrants (e.g., willow flycatchers);
- provide additional basking structures for turtles;
- establish appropriate plant community on turtle nesting sites.
- provide continuous riparian forest band along Columbia Slough;
- establish mixed emergent and scrub/shrub patches.

Prescription:

- plant ash, cottonwood and willow throughout existing forest and forest openings along slough, with maximum possible riparian width;
- establish occasional evergreen shrub and/or tree patches in riparian forest;
- in excavated area along ponds, plant shrubs and emergent plant seeds in low spots and swales
- install additional woody debris (tree trunks) around pond perimeters;
- on higher sites surrounding ponds, establish plant community dominated by clumping grasses (e.g., bunchgrass) and other native herbaceous plants.

Measures of effectiveness:

- vegetation surveys to determine successful plant establishment (short-term);
- establishment of unbroken canopy along bank (long-term);
- establishment of dense shrub habitat surrounding vernal pools (long-term);
- visual surveys to document turtle use of habitat (ongoing);
- spot surveys to document use by other key wildlife species (long-term).

2. East Perimeter of Leadbetter Peninsula (13 acres)

Wildlife objectives:

- provide riparian forest and shrub habitat for neotropical migrants;
- explore habitat improvement projects for bats;
- provide a wildlife corridor for wildlife moving around the wildlife area, and habitat for resident wildlife;
- provide habitat for amphibians, reptiles and small mammals.

Habitat objectives:

- regenerate wetland forest and reduce forest fragmentation;

- establish shrub and emergent habitats around low patches and swales that provide vernal pools.

Prescription:

- plant ash, cottonwood and willow throughout existing forest and forest openings;
- interplant shrubs throughout forest;
- establish occasional evergreen shrub and/or tree patches in forest for winter wildlife use;
- plant shrubs and overseed with emergent plants in low spots and swales.

Measures of effectiveness:

- vegetation surveys to determine successful plant establishment (short-term);
- establishment of unbroken canopy surrounding Leadbetter Peninsula and connecting it with forested areas along the Columbia Slough bank and the northwest corner of Bybee Lake (long-term);
- establishment of dense shrub habitat surrounding vernal pools (long-term);
- spot surveys to document use by key wildlife species (long-term).