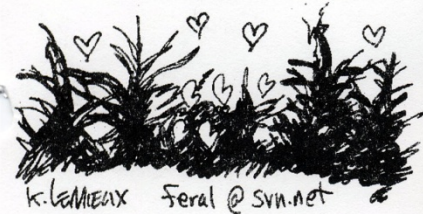


FERAL WEST

By K. LeMieux

AS MATING SEASON BEGINS
AT THE AUDUBON CANYON RANCH
BOLINAS LAGOON PRESERVE,
TWO GREAT BLUE HERONS
ARE RUDELY INTERRUPTED BY
A COUNTY OFFICIAL.



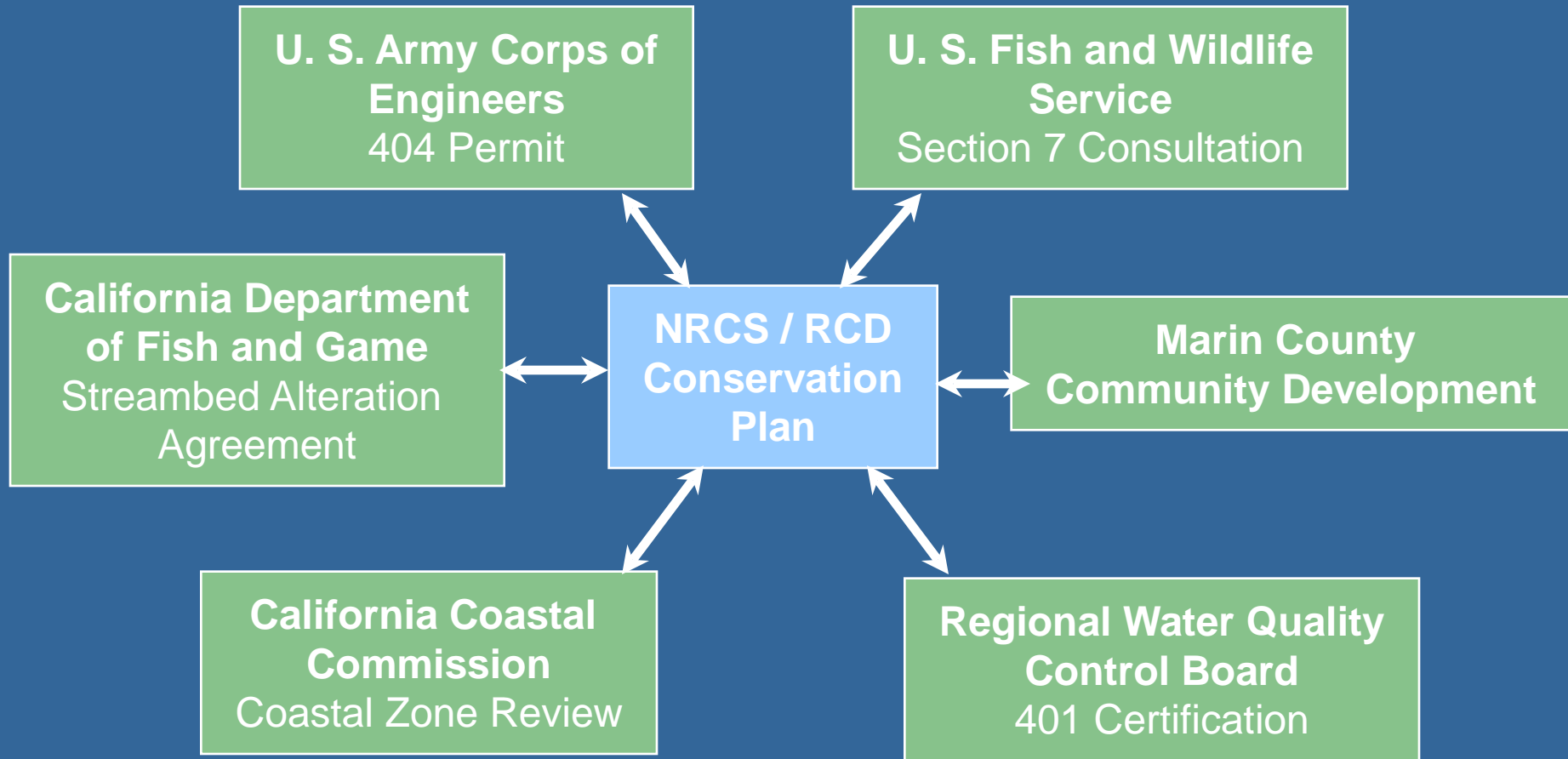
Marin Coastal Permit Coordination Program:

*A program for environmental restoration on
agricultural lands in West Marin*

Why do we need a program?

- As many as 9 permits to consider for restoration.
- Can cost at least \$2,374 in hard cash and countless hours of learning the system.
- Can take years before permits are received =increased project cost + staff changes.
- Landowners may take projects into their own hands
 - not using the best design options.

How the program was set up.



How the program works



November

Landowner applies for funding and opts for coverage.

December-January

Project is evaluated and ranked (RCD Advisory Group).

February

Project is approved by RCD Board for design services.

March

Project is approved by RCD Board into permit program.

How the program works



April

30 day public comment period closes.

July

60 day agency comment period closes.

Agencies visit sites. Permits received!

August

RCD Board approves contractor bid.

October 15th

Project is complete!

January

Status report is provided to agencies.

Animal Trail



Before



After

Wet crossing funded by State Coastal Conservancy in 1989.

Filter Strip



Filter strip funded by USDA Natural Resources Conservation Service in 1998.

Grade Stabilization Structure



Before



After

Loose-rock headcut repair funded by State Coastal Conservancy, State Water Resources Control Board, CA Department of Fish and Game and Students and Teachers Restoring a Watershed in 2002

Grade Stabilization Structure



Before



After

Willow wattle headcut repair funded by CA Department of Fish and Game in 2002

Grassed Waterway



Before



After

Funded by CA Department of Fish and Game and Students and Teachers Restoring A Watershed (STRAW) in 2000

Sediment Basin



Before



After

Funded by Marin Municipal Water District in 1994.

Spring Development



Before



After

Spring funded by State Water Resources Control Board in 2000.

Lined Waterway



Before



After

Rock-lined step channel & native riparian plantings funded by Wildlife Conservation Board, Students and Teachers Restoring A Watershed (STRAW), and AmeriCorps in 1999

Pipeline



**Pipeline for alternative water source funded by
State Water Resources Control Board in 2002.**

Fish Stream Improvement



Boulder cross log structure funded and managed by Marin Municipal Water District.

Stream Bank Protection



Before



After

Willow wattle streambank repair funded by CA Department of Fish and Game and AmeriCorps in 2002.

Stream Bank Protection



Before



After

Willow revetment funded by State Coastal Conservancy in 1990.

Water & Sediment Control Basin



Before



After

Basin and grade control structures funded by State Coastal Conservancy in 1996.

Critical Area Planting



Before



After

Stream restoration funded by State Coastal Conservancy in 1996.

Benefits

- More restoration work is completed!
- Project designs are refined and improved and make for better projects.
- Projects are completed *with* permits.
- Implementation schedule is reduced from 3 years to 1.
- Ag producers avoid permit fees and agony of making beaurocratic sausage.
- Expands our funding opportunities.

Thanks to our Partners

- Landowners
- CA Coastal Commission
- CA Dept of Fish and Game
- Marin County
- National Oceanic and Atmospheric Association
- RCD Advisory Groups
- San Francisco Bay Regional Water Quality Control Board
- State Coastal Conservancy
- Sustainable Conservation
- US Army Corps of Engineers
- US Fish and Wildlife Service
- USDA Natural Resources Conservation Service