

# PACIFIC OCEAN

Reach the Pacific Ocean. Food! Shrimp, anchovies, and squid, oh my! GO AHEAD 2



REST

Estuary has abundant food. GO AHEAD 1

Estuary wetland has been developed. (Needed for adapting to salt water.) LOSE A TURN

REST

Toxins in river make fish sick. GO BACK 4

Northern Pike Minnow is hungry. LOSE 100 FISH

You reach the Columbia River. Food is plentiful! GO AHEAD 3

Garbage in the river. GO BACK 1

REST

Great blue heron lunch order, sushi to go. LOSE 100 FISH

Healthy riparian zone gives shade, cooler water. GO AHEAD 2

Industrial spill accident. LOSE 200 FISH

Road runoff has motor oil. LOSE 200 FISH

Stream bank cleanup. GO AHEAD 2

You reach the Willamette River. GO AHEAD 3

Restoration school project restores small tributary. GO AHEAD 2

Instinct tells you to head for the ocean. GO AHEAD 1

Plenty of woody debris. Good cover. GO AHEAD 2

Protected wetlands next to stream. GO AHEAD 3

Prime riffle area disturbed, low dissolved oxygen. LOSE 100 FISH

Streambank eroding, dirt in gills makes breathing difficult. GO BACK 2

Put up haybales or siltation fences by construction project. MOVE AHEAD 3

Creek is culverted. You barely make it through. GO BACK 2

A log in the creek provides a cool, sheltering, deep pool. GO AHEAD 3

Warm dirty water makes you sick with yucky fish flu. GO BACK 3

Kingfisher gets you. LOSE 100 FISH

FOOD! Streambugs abound. GO AHEAD 2

Stream runs along road. No shade, warm water. LOSE 100 FISH

Caught beneath a storm drain outfall. Choked by oil. LOSE 100 FISH

Big rain washes pet waste off yards and down drains. Gag! LOSE 100 FISH

Emerge from gravel as a fry. GO AHEAD 2

Recycle used motor oil curbside. GO AHEAD 3

Unleashed dog tramples your redd. LOSE 200 FISH

Kids playing in stream during spawning. Squish city. LOSE 200 FISH

Too much silt in stream from erosion. LOSE 100 FISH

Clean gravel with high levels of dissolved oxygen. GO AHEAD 2

You find the perfect spot to spawn. GO TO FINISH

Prime riffle area! Clean gravel with dissolved oxygen in water. GO AHEAD 1

Low-flush toilets mean higher streamflow GO AHEAD 3

Poor spawning area, no clean gravel. GO BACK 4

Reconstructed wetlands filter water. GO AHEAD 2

Gardeners have disturbed your creek. GO BACK 2

Yikes! Culvert! Many die! LOSE 100 FISH

Garden chemicals wash off lawns and into stream during storm. LOSE 100 FISH

You reach your natal stream but there is too much fertilizer and pesticides. GO BACK 2

Restored riverbank, plenty of shade, and hiding places. GO AHEAD 2

Development project in floodplains, disturbed earth erodes with rain. LOSE 100 FISH

Too much material rotting in the river. Dissolved oxygen level drops. GO BACK 6

Re-enter the Willamette River. GO AHEAD 2

Oil spill in the river. LOSE 100 FISH

Lawns replaced with drought-tolerant plants, leave more water in stream GO AHEAD 2

Caught by a river otter. LOSE 100 FISH

Congratulations! You made it back to the Columbia River. GO AHEAD 2

Caught by fisherman. LOSE 100 FISH

Eaten by a harbor seal. LOSE 100 FISH

Food! School of herring. GO AHEAD 2

Sports fishing boat sees you. GO BACK 6

Ocean water warmer than usual. Food supply low. LOSE 1 TURN

Orca whales hunting. LOSE 100 FISH

Ocean freighter accident-oil spill! LOSE 200 FISH

Caught by fishing boat. LOSE 100 FISH

# The Friendly GAME



# GAME

## FINISH

## START