

A homeowner pours oil down the street drain, which connects to a stream resulting in a Fish Kill

**FISH KILL CARD**



Too much vegetation reduces the oxygen in the stream, resulting in a fish kill

**FISH KILL CARD**



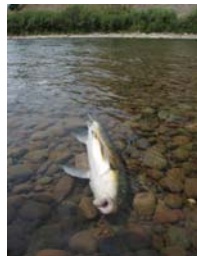
A factory spills chemicals into the stream resulting in a fish kill

**FISH KILL CARD**



An oil tanker truck crashes on Route 81, and spills oil into the stream, resulting in a fish kill

**FISH KILL CARD**



Wastewater treatment plant overflows resulting in a fish kill

**FISH KILL CARD**



Too much fertilizer on lawns run into the stream stressing fish

**STRESSOR CARD**



Clean Water

Detergents from dishwater harm fish and insects

**STRESSOR CARD**



Clean Water

Medicine in wastewater causes reproductive problems in fish

**STRESSOR CARD**



Clean Water

Litter and trash pollute the rivers fish and insects live in

**STRESSOR CARD**



Clean Water

Oil based chemicals poison the fish

**STRESSOR CARD**



Clean Water

Acid rain lowers the pH and harms fish and insects

**STRESSOR CARD**



Clean Water

**Vegetation along streams  
filter out excess fertilizer**

**SOLUTION CARD**



Clean  
Water

**People who clean up  
stream banks help keep  
water clean**

**SOLUTION CARD**



Clean  
Water

**Tree buffer on stream  
bank equals clean water**

**SOLUTION CARD**



Clean  
Water

**Farms with buffer strips  
and nutrient management  
plans equal clean water**

**SOLUTION CARD**



Clean  
Water

**Tree buffer on stream  
banks equals clean water**

**SOLUTION CARD**



Clean  
Water

**Farms with buffer strips  
and grassed waterways  
equal cleaner water**

**SOLUTION CARD**



Clean  
Water

**People who carpool make  
less exhaust which  
prevents acid rain and  
creates cleaner water**

**SOLUTION CARD**



Clean  
Water

**People who recycle oil  
keep streams clean**

**SOLUTION CARD**



Clean  
Water

**Factories with extra water  
treatment are better for  
fish**

**SOLUTION CARD**



Clean  
Water

**Pesticides from farm fields  
poison fish and insects**

**STRESSOR CARD**



Clean  
Water

**Homeowner digs out  
stream with backhoe  
destroying fish habitat**

**STRESSOR CARD**



Conserve  
Habitat

**No bugs for fish to eat due  
to lack of habitat**

**STRESSOR CARD**



Conserve  
Habitat

**Invasive species  
outcompete native fish  
species**

**STRESSOR CARD**



Conserve  
Habitat

**Dams block fish from  
swimming upstream to  
spawn**

**STRESSOR CARD**



Conserve  
Habitat

**Drought reduces fish  
habitat and increases the  
water temperature**

**STRESSOR CARD**



Conserve  
Habitat

No cover on stream banks  
for fish to hide near

**STRESSOR CARD**



Conserve  
Habitat

Algal blooms decrease  
oxygen so fish can't  
breathe

**STRESSOR CARD**



Save the  
Bay

High Turbidity (lots of  
sediment) makes it hard  
for fish to eat and  
reproduce

**STRESSOR CARD**



Save the  
Bay

High Temperature runoff  
from roads and driveways  
increase stream  
temperatures

**STRESSOR CARD**



Save the  
Bay

Too much nitrogen and  
phosphorous from cow  
poop causes algal blooms  
making it hard for fish to  
breathe

**STRESSOR CARD**



Save the  
Bay

Overfishing can drive fish  
to extinction

**STRESSOR CARD**



Save the  
Bay

**VDGIF restores streams by adding rocks and vegetation**

**SOLUTION CARD**



Conserve  
Habitat

**Tress along the stream feed the insects so fish can eat them**

**SOLUTION CARD**



Conserve  
Habitat

**Native trees along the stream equals cooler water for fish**

**SOLUTION CARD**



Conserve  
Habitat

**People who save rainwater for their gardens leave more water for fish**

**SOLUTION CARD**



Conserve  
Habitat

**Submerged aquatic vegetation makes good homes for insects and fish**

**SOLUTION CARD**



Conserve  
Habitat

**People with low flow showers and toilets equals more water for fish**

**SOLUTION CARD**



Conserve  
Habitat

People at VDGIF are helping my home improve by removing old dams

**SOLUTION CARD**



Conserve Habitat

Conserving wetlands make good fish habitat

**SOLUTION CARD**



Conserve Habitat

Tree roots on the stream bank provide good fish habitat

**SOLUTION CARD**



Conserve Habitat

Towns with buffers and trees equals cooler cleaner water for fish

**SOLUTION CARD**



Save the Bay

No livestock in the stream equals less sediment and waste

**SOLUTION CARD**



Save the Bay

People who follow fishing regulations conserve fish populations

**SOLUTION CARD**



Save the Bay



People who do not use lawn fertilizers equal low nitrogen and phosphorous runoff

**SOLUTION CARD**



Save the Bay

Livestock fenced out of the creek equals clean water

**SOLUTION CARD**



Save the Bay

High oxygen levels in the water help fish breathe

**SOLUTION CARD**



Save the Bay

Fish thrive in streams with normal algae levels

**SOLUTION CARD**



Save the Bay

Cool water from a spring keep stream temperatures low

**SOLUTION CARD**



Save the Bay

A Mayfly hatch provide fish with food

**SOLUTION CARD**



Save the Bay

**High oxygen levels allow  
fish to breathe**

**SOLUTION CARD**



Save the  
Bay

**People who stay on ATV  
trails reduce sediment  
runoff into streams**

**SOLUTION CARD**



Save the  
Bay