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	