

# The Water We Share Coloring Book



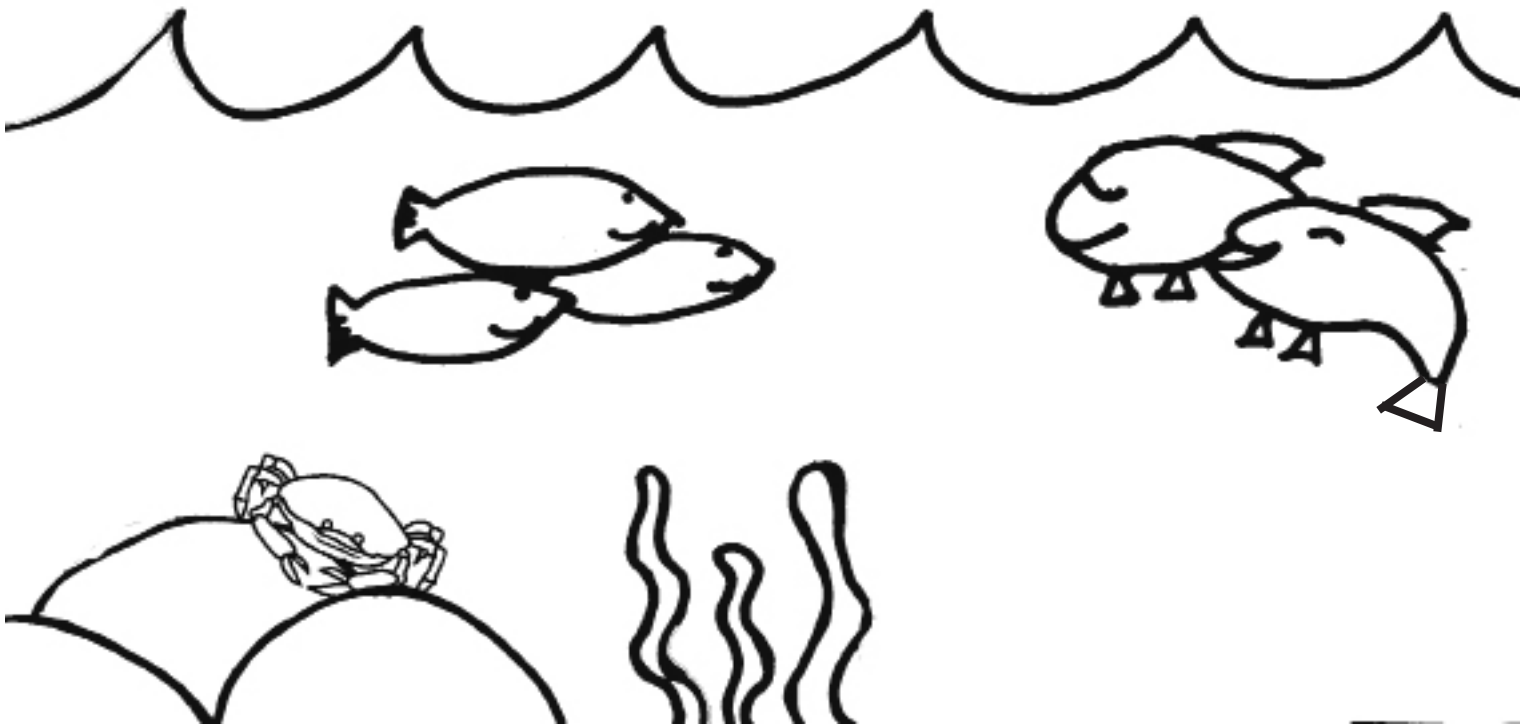
City of Davis

March 8th, 2008

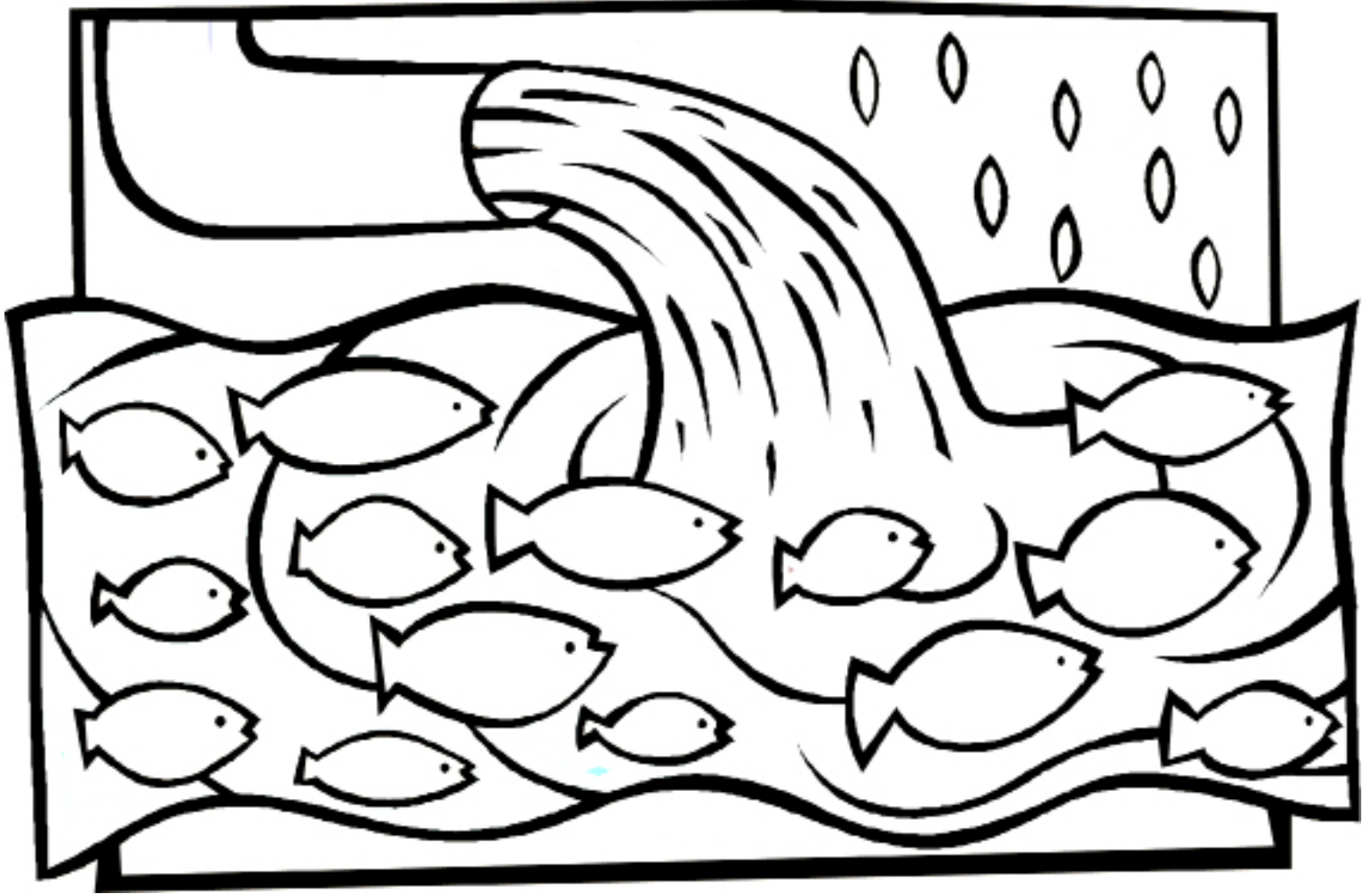




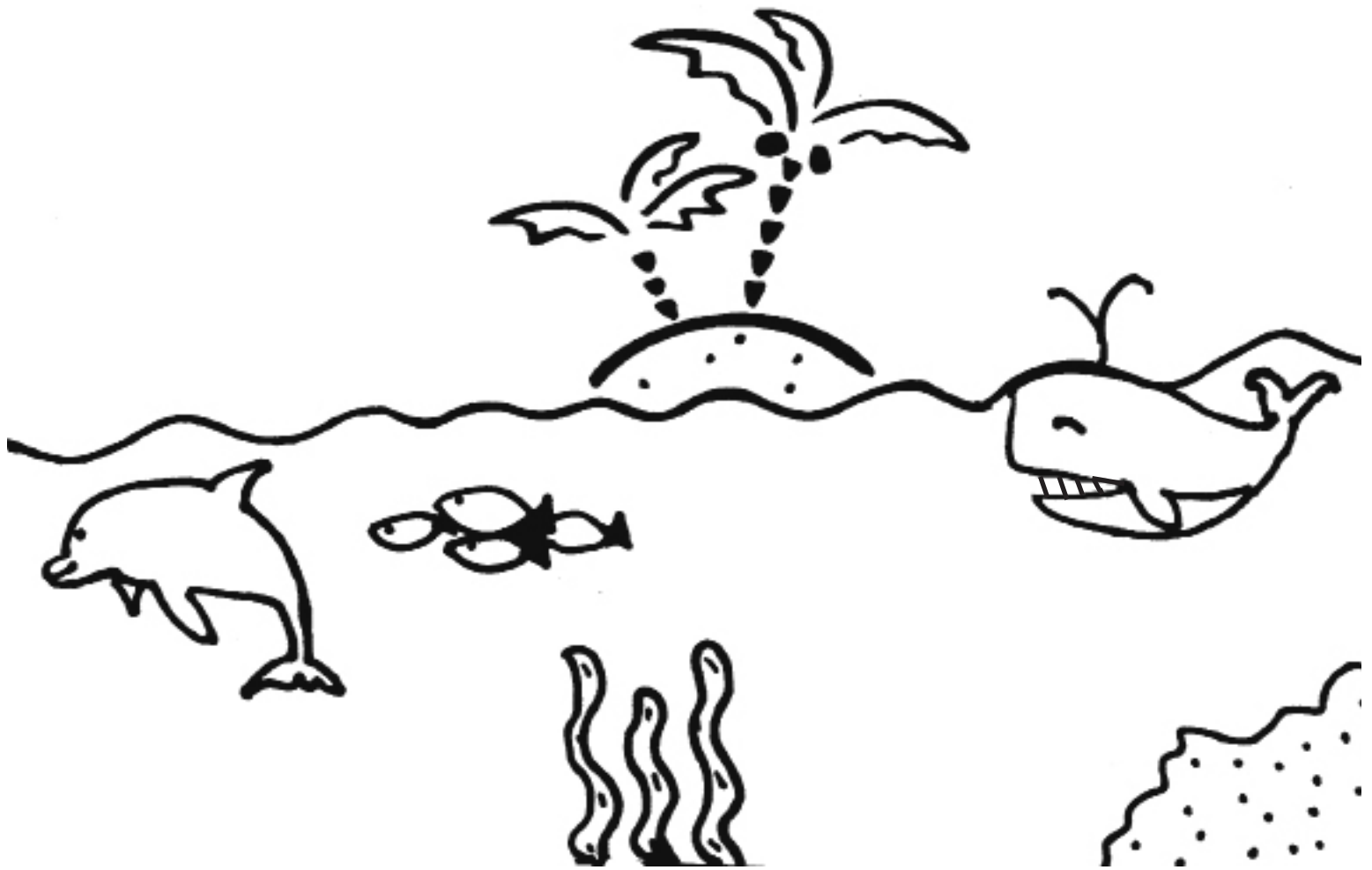
Our rivers and streams - we use them for sport and relaxation. Many animals use it as a source of drinking water.



But these rivers and streams are also home to aquatic life.

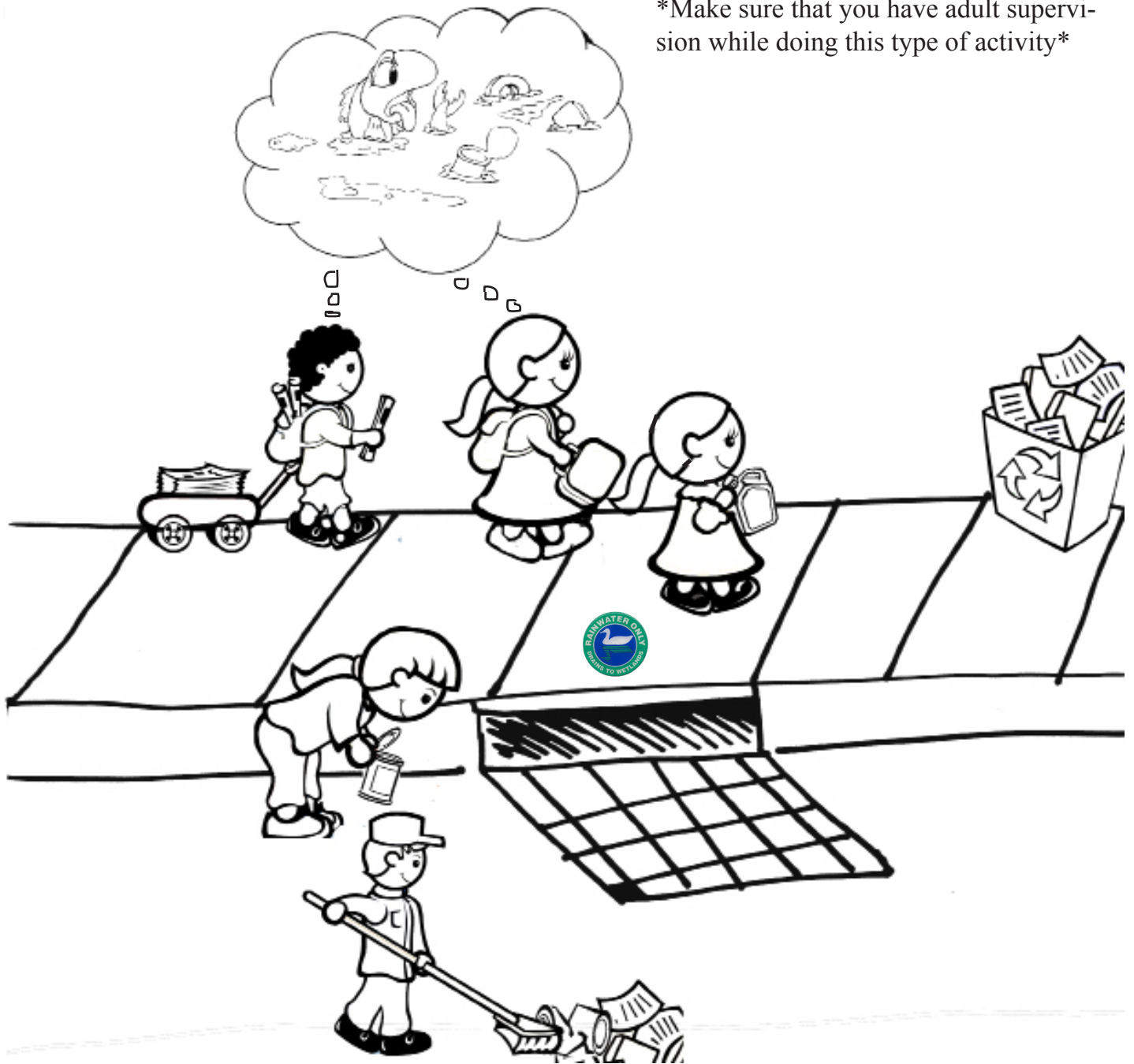


Sadly, the aquatic life is being hurt by the pollution that is being dumped into their watery home. They are not the only ones being hurt.



The animals in the ocean are also hurt by pollution coming from rivers and streams.

\*Make sure that you have adult supervision while doing this type of activity\*



You can Help! Keep the storm drains clear of trash and debris. Remember, only rain water is supposed to go down the storm drain. Can you find the trash in this picture?



# Non-point source pollution activity

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Background: This activity is designed to show what an average storm drain collects during a rainfall event and how the water from storm drains can harm the water quality and aquatic environments of local streams, rivers, and bays.

## Materials Needed:

Waterway: aquarium, rectangular box, water, watering can, spray bottle

Pollutants: 1)soil/sand/Dirt (erosion), 2) grass clippings (or shredded paper) and twigs, 3) cafeteria waste and trash 4) green food coloring (pesticides/fertilizer), 5) Chocolate syrup (motor oil)

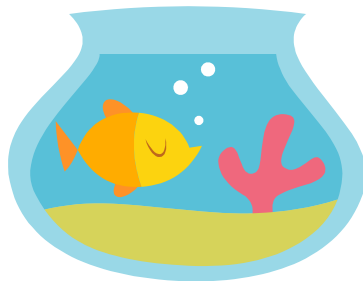
Before you begin: Fill the aquarium half-way with water and place it on an area where it can be easily viewed. Cut a hole in the bottom of the box and place the box on top of the aquarium. The box will be like the storm drain and the aquarium will be like the waterway that the stormwater mixes into after entering the storm drain. Leave the sides of the aquarium uncovered so that you can view its contents.

## Procedure:

1. Following in the order of the pollutants listed above, put each of the pollutants in the box.
2. Use the watering can to act like rain washing the pollutants down the storm drain.
3. After each is washed down, look at the water and see what is happening.

Think about this:

Would you want your pet goldfish living in that kind of water?



# Storm Drain Marker Activity

Each storm drain has what is called a marker on the top that looks like

this:



Go around your street and see how many you can find. Make sure you get your parents permission first or take them along with you!

