

Community Waters Walking Field Trip

What do you notice about this structure/feature?

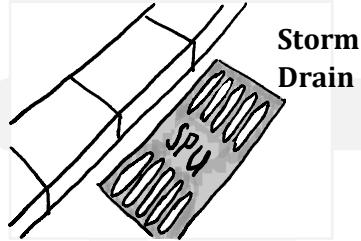
What happens to water on this surface or in this structure?

Where does the water go now? Where did it come from/how did it get here?

Does this surface/structure speed up or slow down stormwater?

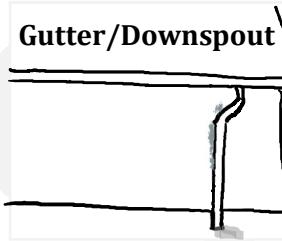
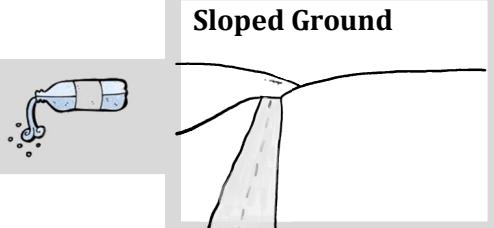
Why do you think it was built here? Was it put here on purpose?

Questions you can ask anywhere:



- Is there anything about the drain that isn't working? Anything on/in it?
- What might end up flowing into the drain other than rainwater?

- What kind of surface is on the slope? (grass, dirt, gravel, concrete?)
- How quickly does water soak in or run off?
- Does the water carry anything with it?

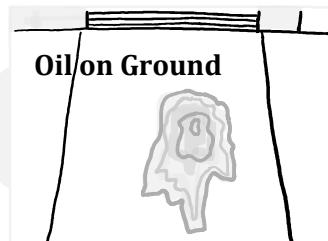
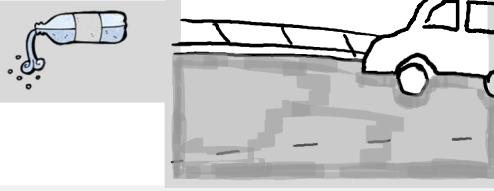


- If a downspout that is connected to the storm or sewer system was disconnected, where could the water end up?

Find the end of the downspout and discover where it directs the water.

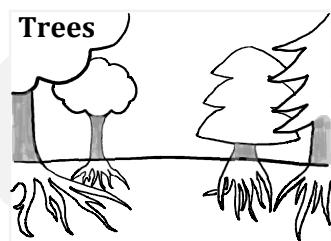
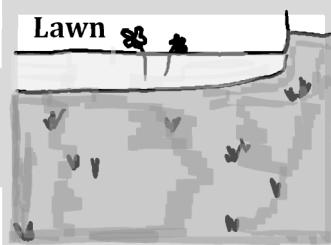
- Is there something to catch it? Does it empty into a yard or go into a pipe?

- Why is this part of the ground paved? What if it weren't?
- Would you say this surface is pervious or impervious?



- If it rained right now, where do you think the oil would go?
- What kinds of animals (or people) might come in contact with this oil?
- How does the oil move when you pour water near it?

- Where is the lawn located? Who uses it and what for?
- Do you like having lawns in your neighborhood? Why or why not?
- When water flows off it, could it carry anything with it? To where?



- How many trees are there? What is around the tree(s)?
- How might different sizes/types of trees deal with stormwater differently?
- Are there people or animals that would appreciate this tree here? Do you?
- Where else might you like to plant some trees in the area, if at all?

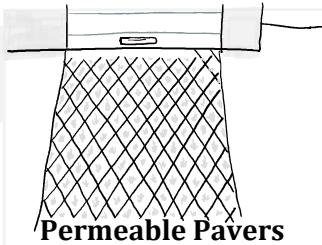
With a teacher or chaperone present:

"Hello, we are on a class field trip investigating stormwater and problems it can cause in the neighborhood. Would you mind talking to our group for a few minutes about what happens here?"

- Do you live near here? What happens to water here when it rains a lot?
- Have you heard of stormwater runoff? Where does the runoff go?
- Have you seen any problems caused by stormwater around here?

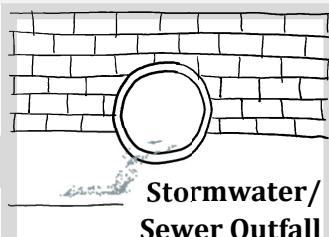


Person in the Neighborhood



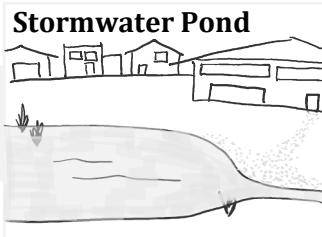
Permeable Pavers

- Why are these pavers here? What would happen if they weren't?
- Would you say this surface is pervious or impervious?



**Stormwater/
Sewer Outfall**

- What do you observe about water coming out of the pipe? Going into it?



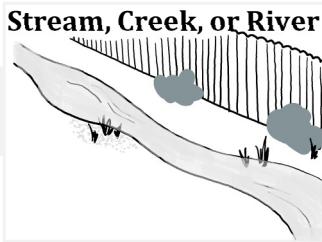
Stormwater Pond

- Does this look like a natural pond or like it was built to hold stormwater?
- Would animals like to live in it? Why or why not?
- What happens to the water as the pond fills up?

**Animals interacting
with Water**



- What kind of animals do you see?
- Do you think this animal needs this water here? What if it wasn't here?
- Observe the animal. What is it doing? Why do you think it chose to be there?



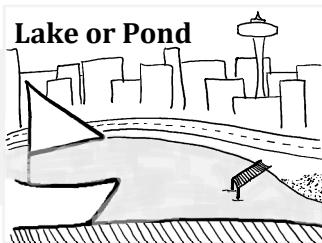
Stream, Creek, or River

- Who or what would be affected here if the stream flooded? How fast is it moving?
- Do you see any evidence of humans having altered this stream?

- Count how many kinds of plants you see. Do you recognize any of them?



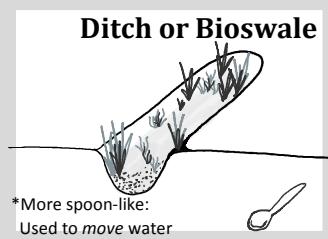
**Bowl-shaped to hold water*



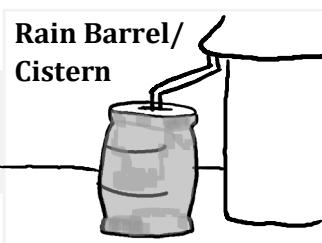
Lake or Pond

- What kinds of signs of animals do you see in/near the lake?
- Are there people in or near the lake? What are they doing? How does this lake benefit people? Have you been here before? Why did you come here?
- Is it clean or clear? Would you want to swim in it?

- What happens when you pour water on different parts of the bioswale?
- Count how many kinds of plants you see. Do you recognize any of them?



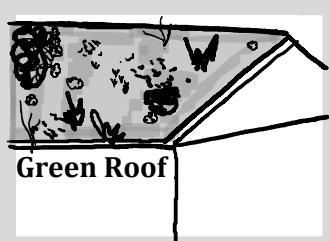
**More spoon-like:
Used to move water*



**Rain Barrel/
Cistern**

- What kind of building is it attached to? Who might have put it there?
- What could you do with the water in the barrel? What happens if it overflows?
- Is there a cover on the barrel? Why do you think it might be covered?

- What kind of building is it on?
- Who do you think takes care of the plants, if anyone? Do you like the way it looks?
- Do you see any animals (or signs of animals) or plants using the roof?



Green Roof