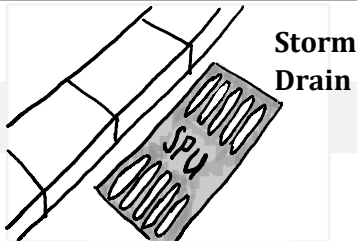


## Community Waters Walking Field Trip

Questions you can  
ask anywhere:

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?



- 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?

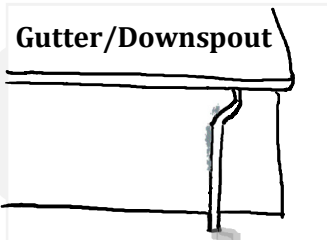
- What kind of surface is on the slope? (grass, dirt, gravel, concrete?)
- How quickly does water soak in or run off?
- Does the water carry anything with it?



### Sloped Ground



### Gutter/Downspout



- 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?

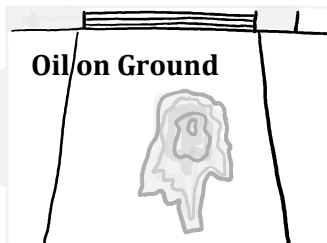
- Why is this part of the ground paved? What if it weren't?
- Would you say this surface is pervious or impervious?



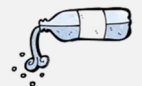
### Paved Surface



### Oil on Ground



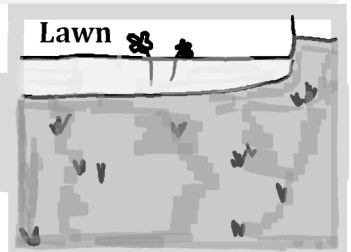
- If it rained right now, where do you think the oil would go?
- What kinds of animals (or people) might come in contact with this oil?
- How does the oil move when you pour water near it?



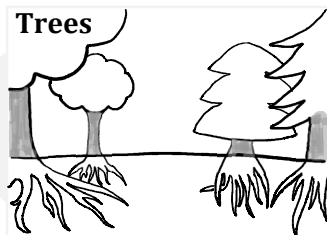
- Where is the lawn located? Who uses it and what for?
- Do you like having lawns in your neighborhood? Why or why not?
- When water flows off it, could it carry anything with it? To where?



### Lawn



### Trees



- 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?

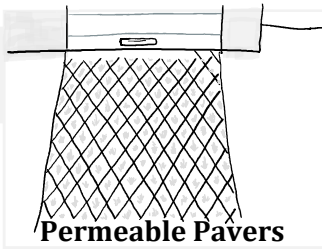
### With a teacher or chaperone present:

*"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?

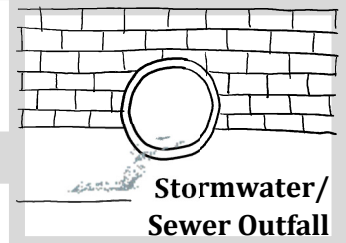


**Person in the  
Neighborhood**



**Permeable Pavers**

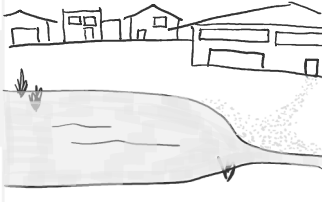
- Why are these pavers here? What would happen if they weren't?
- Would you say this surface is pervious or impervious?



**Stormwater/  
Sewer Outfall**

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

### Stormwater Pond



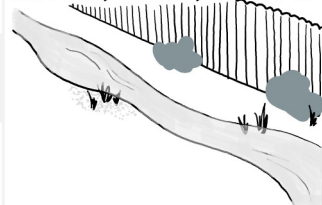
- Does this look like a natural pond or like it was built to hold stormwater?
- Would animals like to live in it? Why or why not?
- What happens to the water as the pond fills up?

- 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?

### Animals interacting with Water

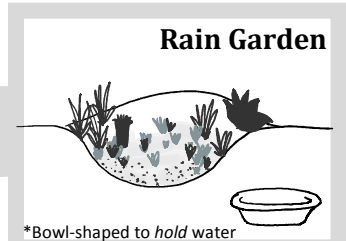


### Stream, Creek, or River



- 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?

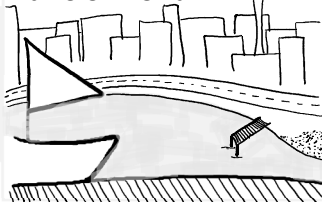
- Count how many kinds of plants you see. Do you recognize any of them?



**Rain Garden**

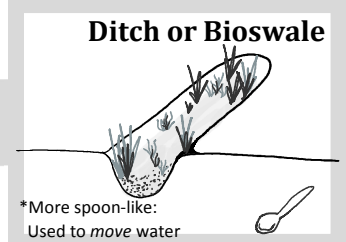
\*Bowl-shaped to hold water

### 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?



**Ditch or Bioswale**

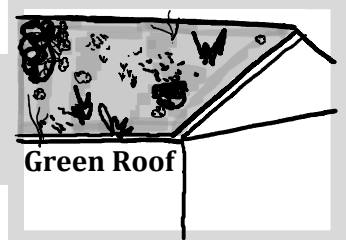
\*More spoon-like:  
Used to move water

### 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**