

Wendell and Penelope Learn About

BACKFLOW

Water should go only

ONE WAY



Hi! We're Wendell and Penelope, and we're here to teach you about backflow.

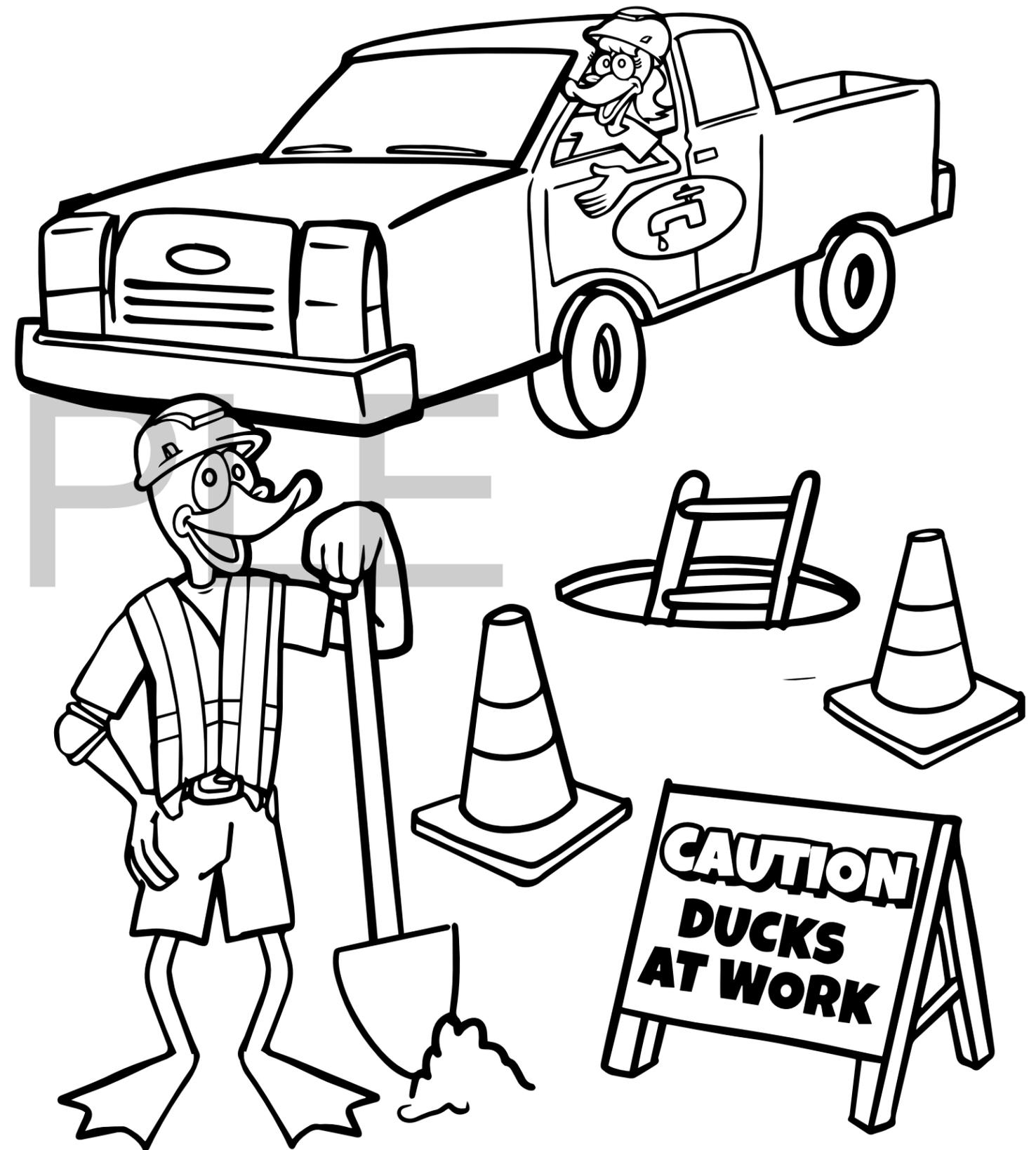
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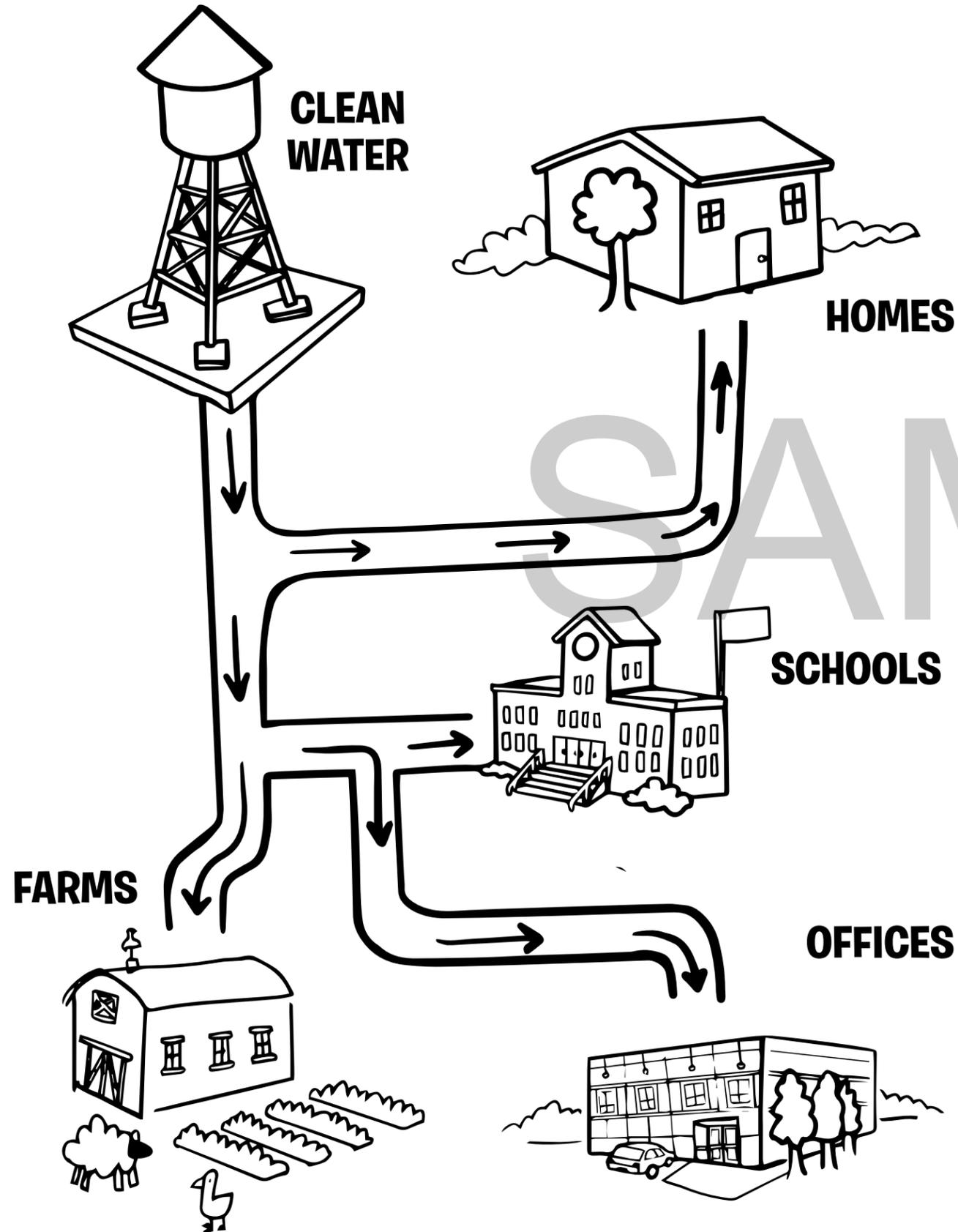
We depend on clean water for lots of things: drinking, bathing, brushing teeth. All that clean water comes from pipes.



The workers at your local water utility work hard to make sure everyone has clean, safe drinking water. We all can help them by preventing backflow.



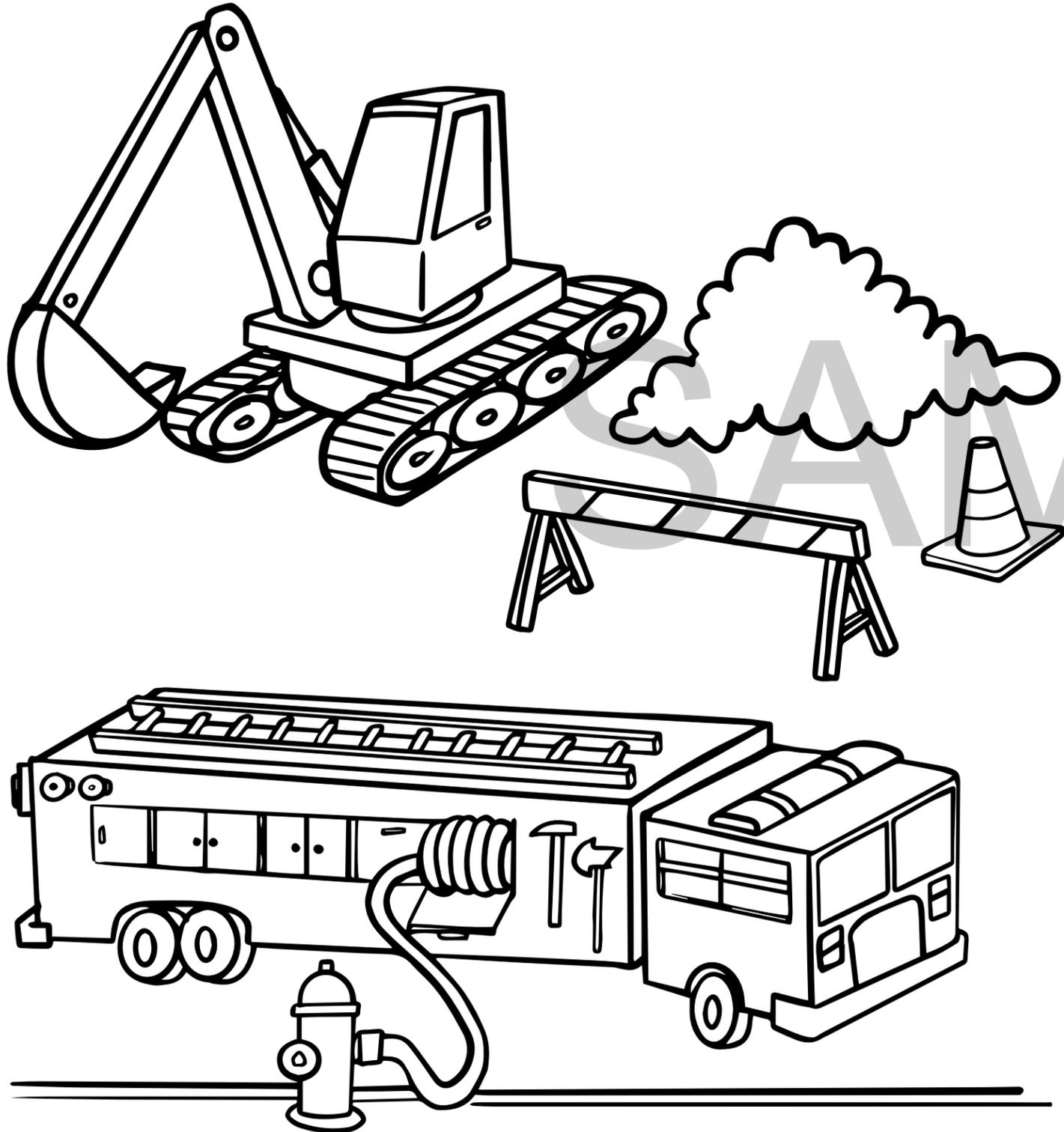
Water utilities bring clean water to schools, business, farms, and our whole community through a set of pipes.



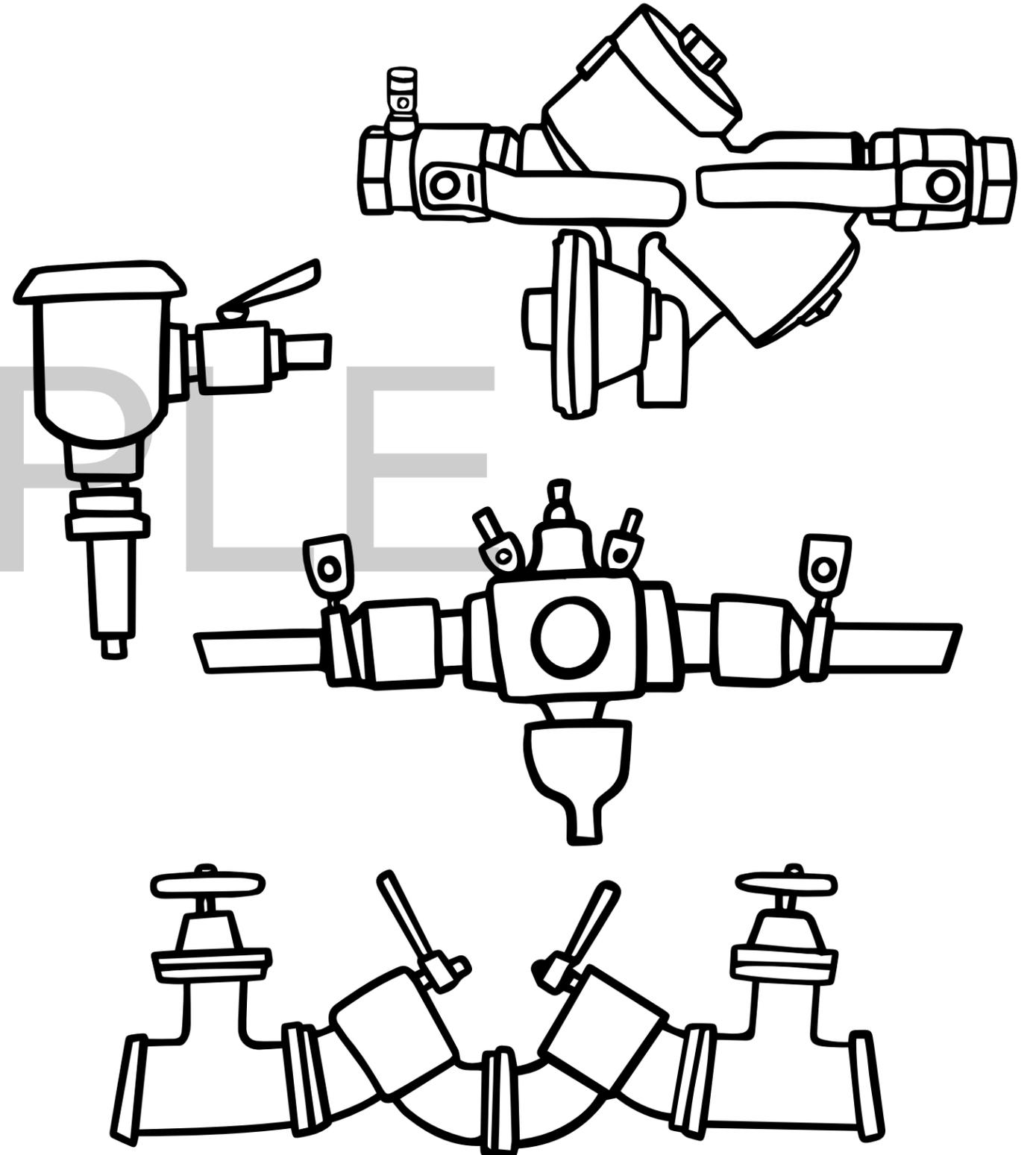
Just like traffic on a one way street, water should go only in one direction! If it goes the wrong way, that's called backflow, which can make our clean water dirty.



Sometimes the water pressure in the pipes drops, and that can lead to backflow. Pressure can drop for lots of reasons. Sometimes it's because of construction projects or accidents like broken pipes or fires.



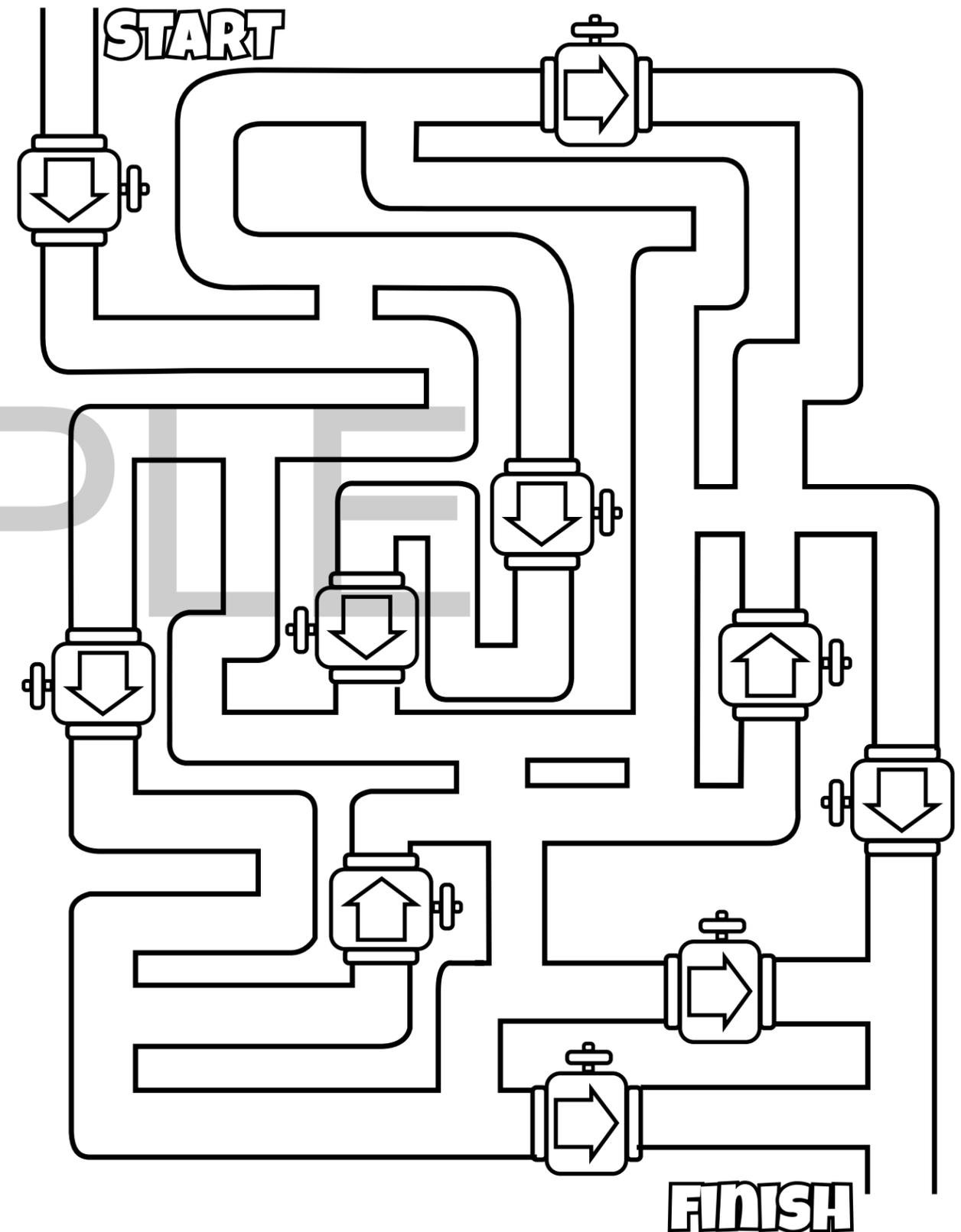
To protect us from backflow, there are special devices called backflow preventers. They attach to pipes to stop water from going the wrong direction. That protects your home's clean water!



Without backflow preventers, things like soap, chemicals, and dirt could get into our drinking water. Backflow preventors are important!



Can you help the clean water get through this maze of pipes? It can only flow one way through the backflow preventers!

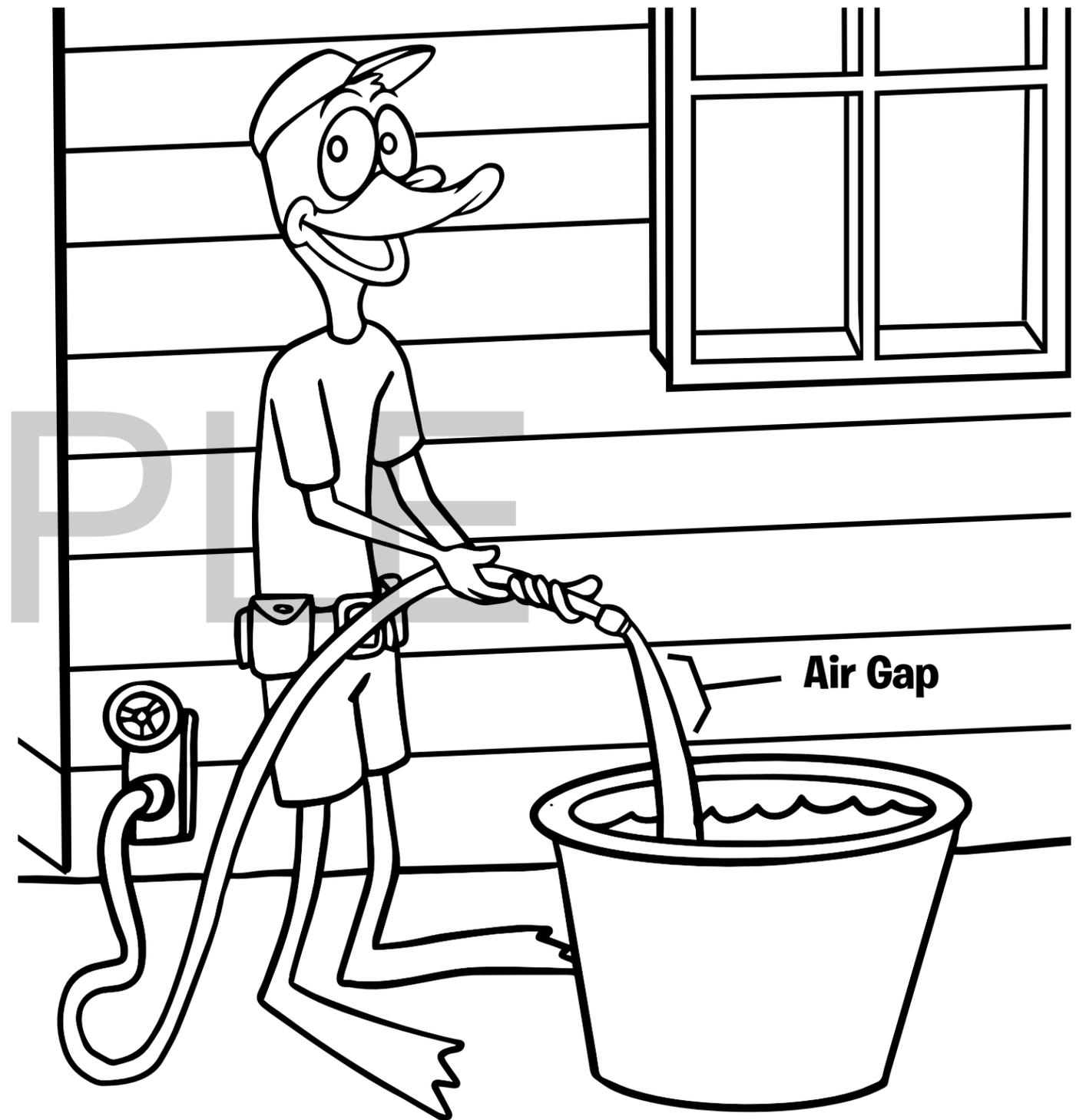


There are things we can do in our homes to avoid backflow.



If backflow occurs, dirty water could be pulled back through the hose and get into the clean water supply.

Always leave at least a 1-inch air gap between the hose, faucet, or tap and whatever you're filling with water.



An air gap is always your best protection against backflow.

Thanks for learning about backflow with us, and remember, water should go only one way!



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