

# OKAY, SCIENTISTS!

Now it's time to compare the data you collected with the facts about each pond. We interviewed the people in town who know each pond the best. It's up to you to figure out what's causing the issues with the pond near Franny's Farm. Remember to use evidence and reasoning to support your claims!





# FARMER FRANNY

Hi! I'm Farmer Franny. I grow a lot of corn and raise animals on my farm. I noticed that my pond started to look different a few days ago. There is a lot of green **algae** covering the surface.

There have also been less fish in the pond. The only recent change I can remember is that I switched to a **nitrate**-based fertilizer. I really care about the environment, so I hope we can fix it!



**Algae** (al-jee): small green plants that grow on the surface of lakes or ponds

**Nitrate** (nye-trayt): a chemical used to help plants grow



# RANGER RORY



The rangers and I work at Playful Park, which takes care of the town's wild animals and plants. We carefully protect the pond at the park. I noticed that the water at Franny's farm was really green on top-- I wonder if that has anything to do with the fish? We're really worried about the pond!



**Activated carbon** (car-bin): a natural material used to keep water clean



# MAYOR MORALES

Hello! I'm Mayor Morales. I'm worried about the pond by Franny's Farm. When Waterville used to be mostly farms, we had issues with Lively Lake. Now that the fields have moved outside of town, the water has been much cleaner. The Waterville lab also keeps a close eye on the lake, which helps us keep it clean.







# SAMMY SINKER

I'm Sammy Sinker, and I love fishing! I'm one of the best fishers in town. My trick is where I fish: the Secret Spot! It's far away from the town, so nobody else knows about it. I think it has the best fish in all of Waterville, but don't tell anyone! I have noticed that the further away from town I fish, the better the fish are! I wonder why...

