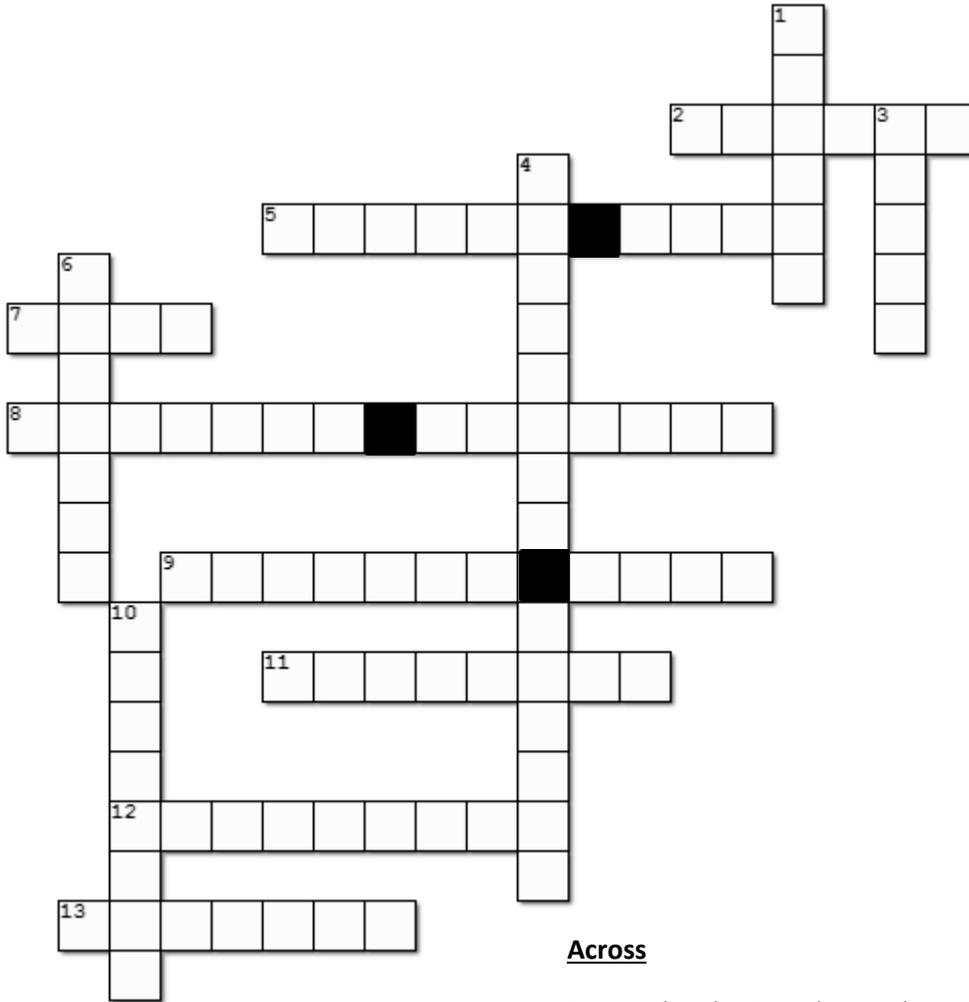


## Barry's Water Treatment Crossword

Watch Barry's water treatment video (linked below) and complete the crossword to learn how the Region of Peel treats its water. <https://www.youtube.com/watch?v=xc4zoS9EgY4>



### Down

1. Prevents large debris from entering the water treatment plant
3. The gas that liquid oxygen is converted into
4. In the third step of the process, water travels through tiny units of these, similar to small pool noodles (2 words)
6. In the cassettes, fibers are grouped into these
10. A chemical added to keep the water clean

### Across

2. Harmless bacteria live in the crevices of these small particles and eat bad bacteria to filter the water
5. This extends two kilometres offshore to bring water into the facility (2 words)
7. How many times a day water is tested
8. What pushes water into a network of underground water mains that connect to your tap (2 words)
9. Where all steps of the processes including chemical dosages are monitored (2 words)
11. This is added to promote dental health
12. A huge storage tank for water that can be located all around the Region of Peel

## Answer Key

### Down

1. Screen
3. Ozone
4. Membrane fibers
6. Modules
10. Chlorine

### Across

2. Carbon
5. Intake pipe
7. Four
8. Pumping station
9. Control room
11. Fluoride
12. Reservoir
13. Ontario

### Additional Resources for Parents

Check out **Peel's Water Story**, a student resource for exploring Peel's water systems. Use online learning modules and handouts to develop an understanding of the local watersheds, sources and their quality, as well their influence of water supply and distribution.

<https://www.peelregion.ca/waterstory/>

**Ever wonder how your water is cleaned?** Learn more at our website on tap water in Peel and its benefits: <https://www.peelregion.ca/pw/water/tapwater/about/>