







# The Epic Journey of Water in York Region

## Water Works

On York Region's YouTube channel, watch the following videos and use the questions to engage in group discussion.

**Water Works: [Source It](#)** [3:15 mins]

1. Where does York Region's water come from?
2. What are some activities that help protect our water sources?

**Water Works: [Move It](#)** [3:55 mins]

3. Where does our treated water go?
4. Where is treated water stored?

**Water Works: [Treat It](#)** [3:32 mins]

5. What are the three main stages of treating water?
6. What is SCADA, and what does it do?

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## Water Works

**Water Works:** [Source It](#) [3:15 mins]

### 7. Where does York Region's water come from?

**Answer:** All water comes from the natural environment. York Region's source water comes from Lake Ontario, Lake Simcoe and groundwater pumped up from wells

### 8. What are some activities that help protect our water sources?

**Answer:** Keeping chemicals and contaminants out of water sources, monitoring the quality of water sources, minimizing rainfall runoff from parking lots, fields and roofs (which can carry pollutants) into our water sources

**Water Works:** [Move It](#) [3:55 mins]

### 9. Where does our treated water go?

**Answer:** Taps, toilets, hydrants and hoses

### 10. Where is treated water stored?

**Answer:** Reservoirs (a building on or just under the ground that holds water) or elevated tanks (water towers)

**Water Works:** [Treat It](#) [3:32 mins]

### 11. What are the three main stages of treating water?

**Answer:** Screening (remove the big chunks), Filtration (remove the little chunks), Disinfection (kill bacteria)

### 12. What is SCADA, and what does it do?

**Answer:** SCADA stands for Supervisory Control and Data Acquisition, which is a system of computers that lets staff monitor various parts of the water and wastewater treatment, distribution and collection process