

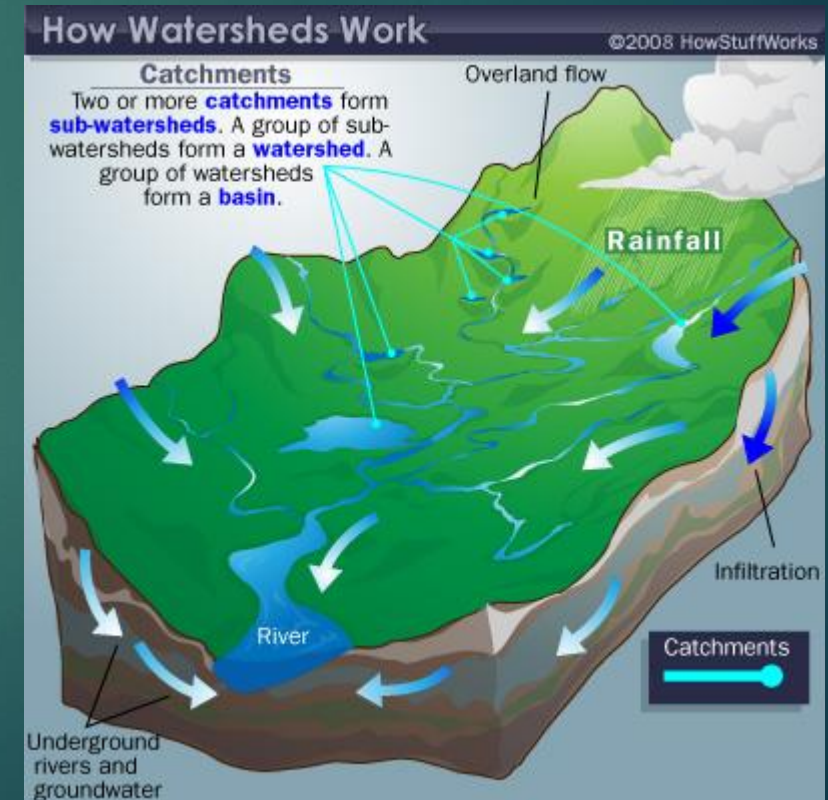


Watershed Concept and Maps

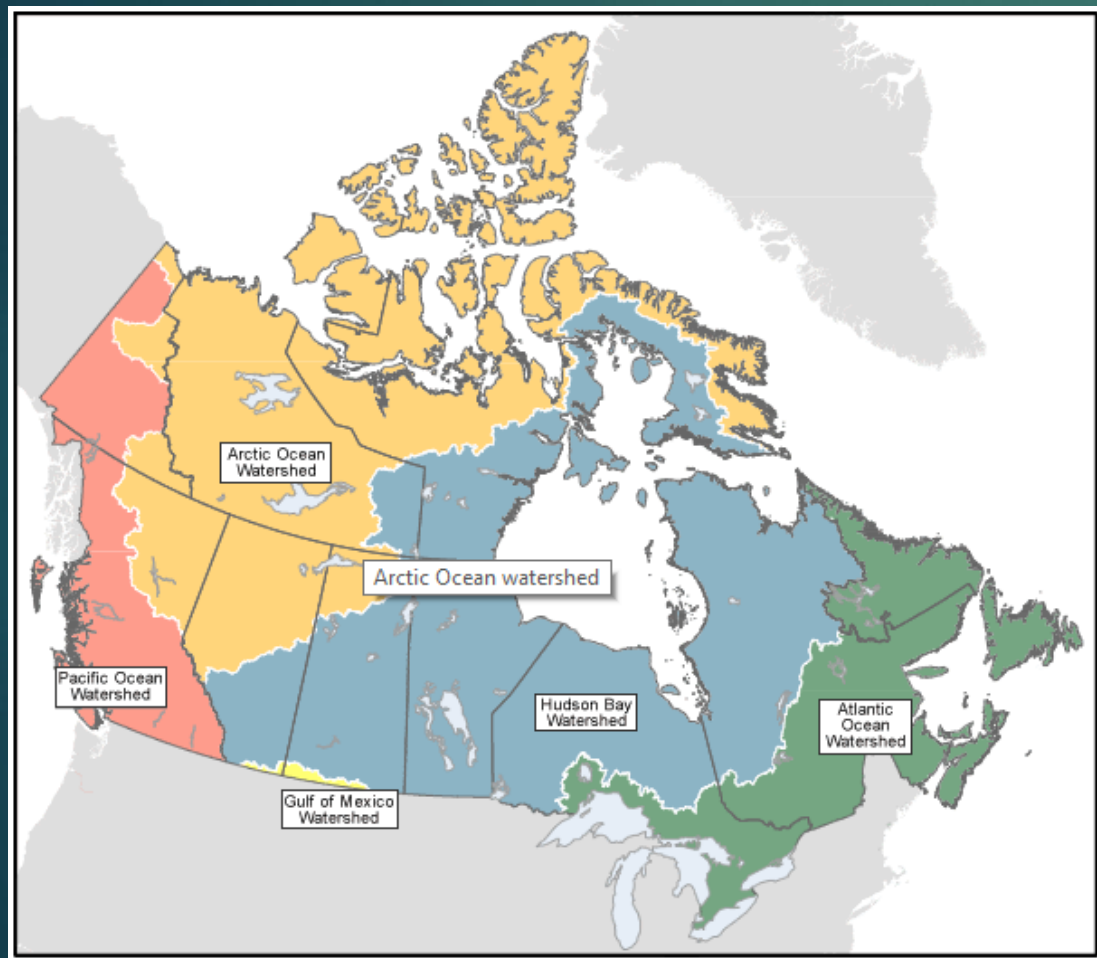
THE FOLLOWING SLIDES SHOULD GIVE YOU AN UNDERSTANDING OF THE CONCEPT OF WATERSHED AND HOW THAT APPLIES TO THE AREA IN WHICH WE LIVE.

Definition

AN AREA OF LAND THAT IS DRAINED BY A GIVEN RIVER, STREAM, OR ONE OF ITS TRIBUTARIES. ALL RUNOFF FROM A WATERSHED LEAVES THE WATERSHED FROM THE SAME EXIT. It is like a bowl that drains out into another area. Remember that there can be watersheds that are huge (drain into an ocean) and ones that are tiny (your back yard).



Watersheds in Canada.

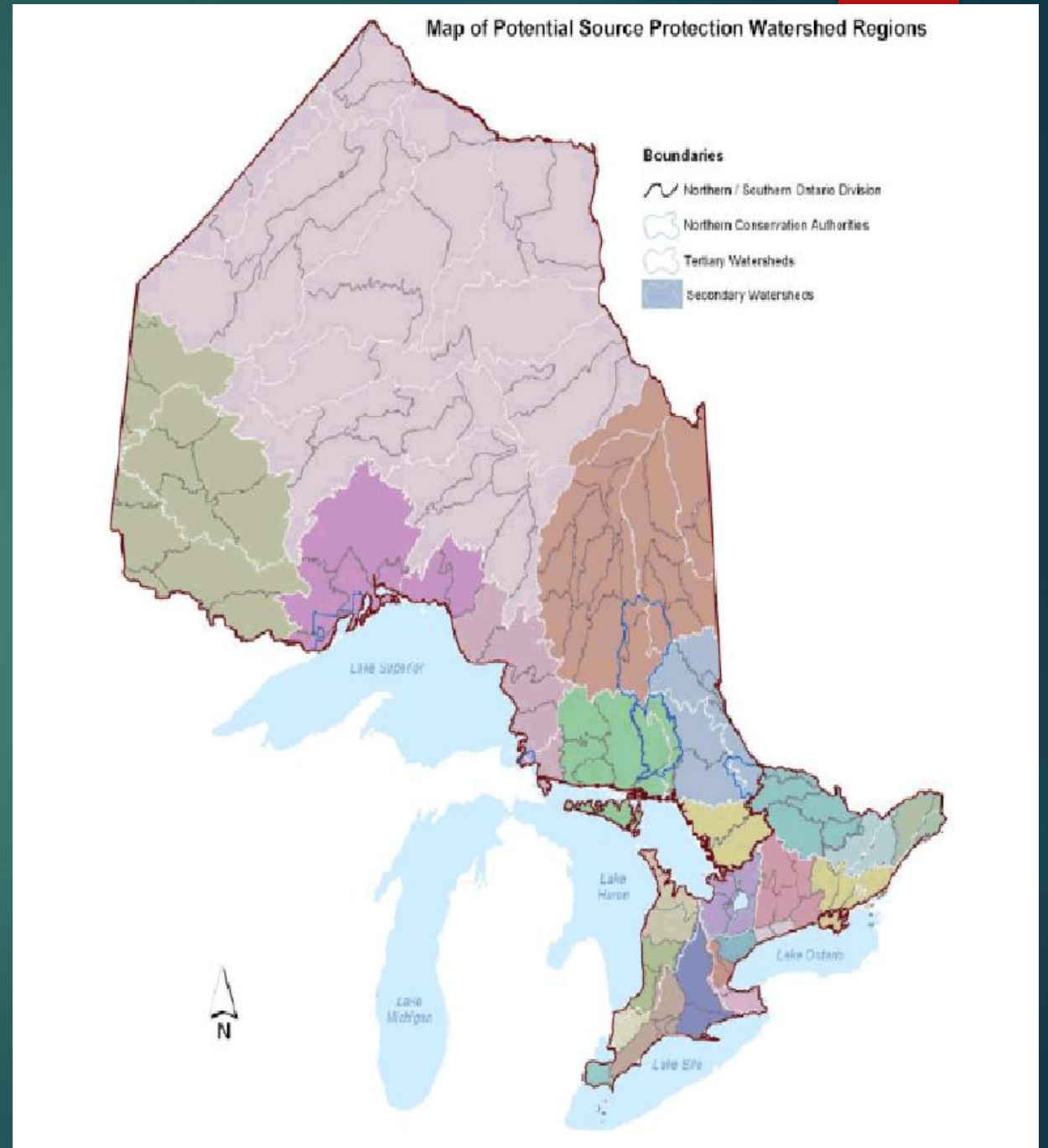


What are the 5 watersheds in Canada?



Ontario Watershed

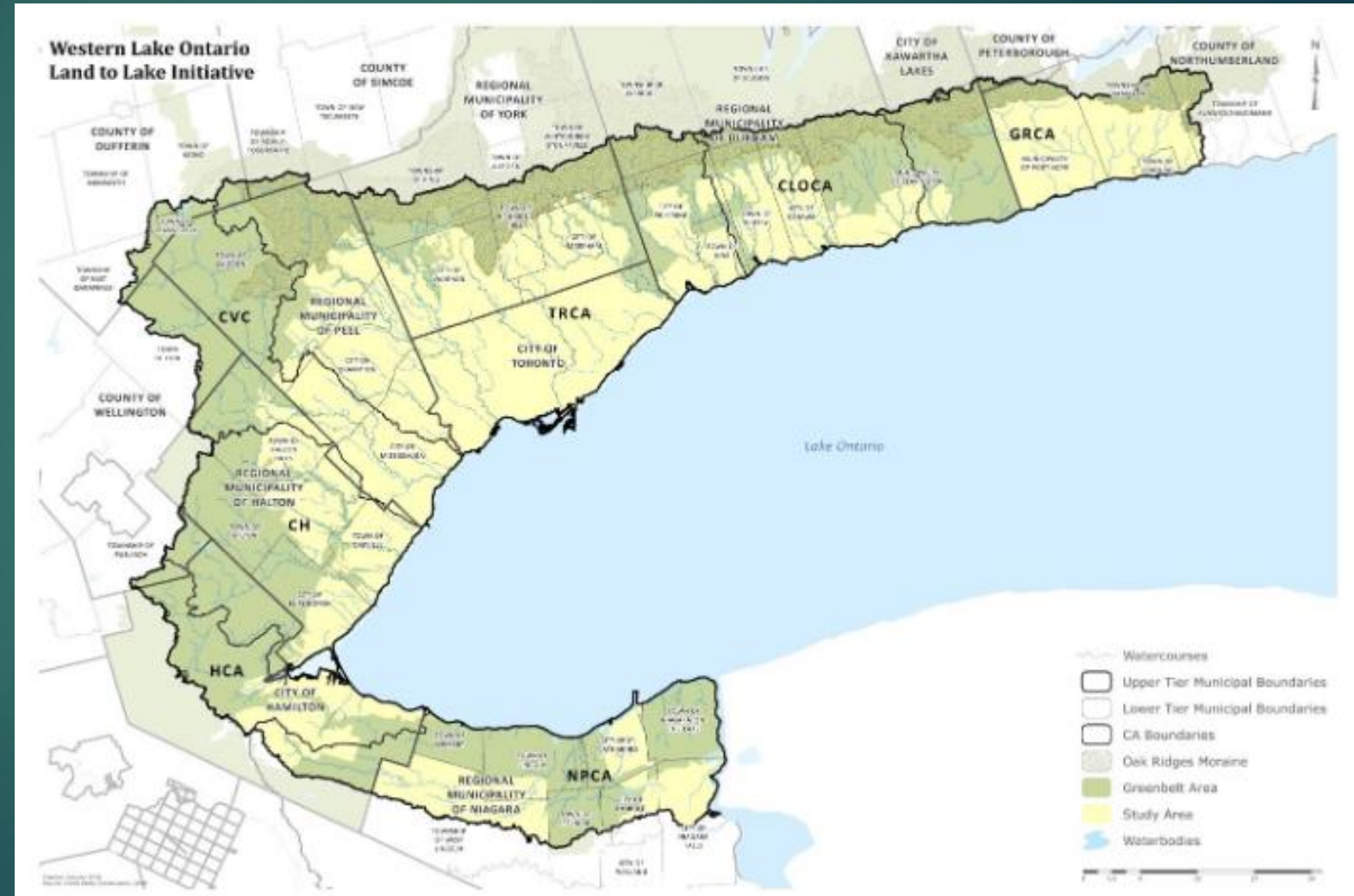
Notice that there are a lot more Watershed areas in the south than in the north of Ontario.



Western Lake Ontario Watershed Authorities

In Ontario, the regional watersheds are controlled by local municipal governments – often called a ‘Conservation Authority’.

What is the name of the one in Hamilton?

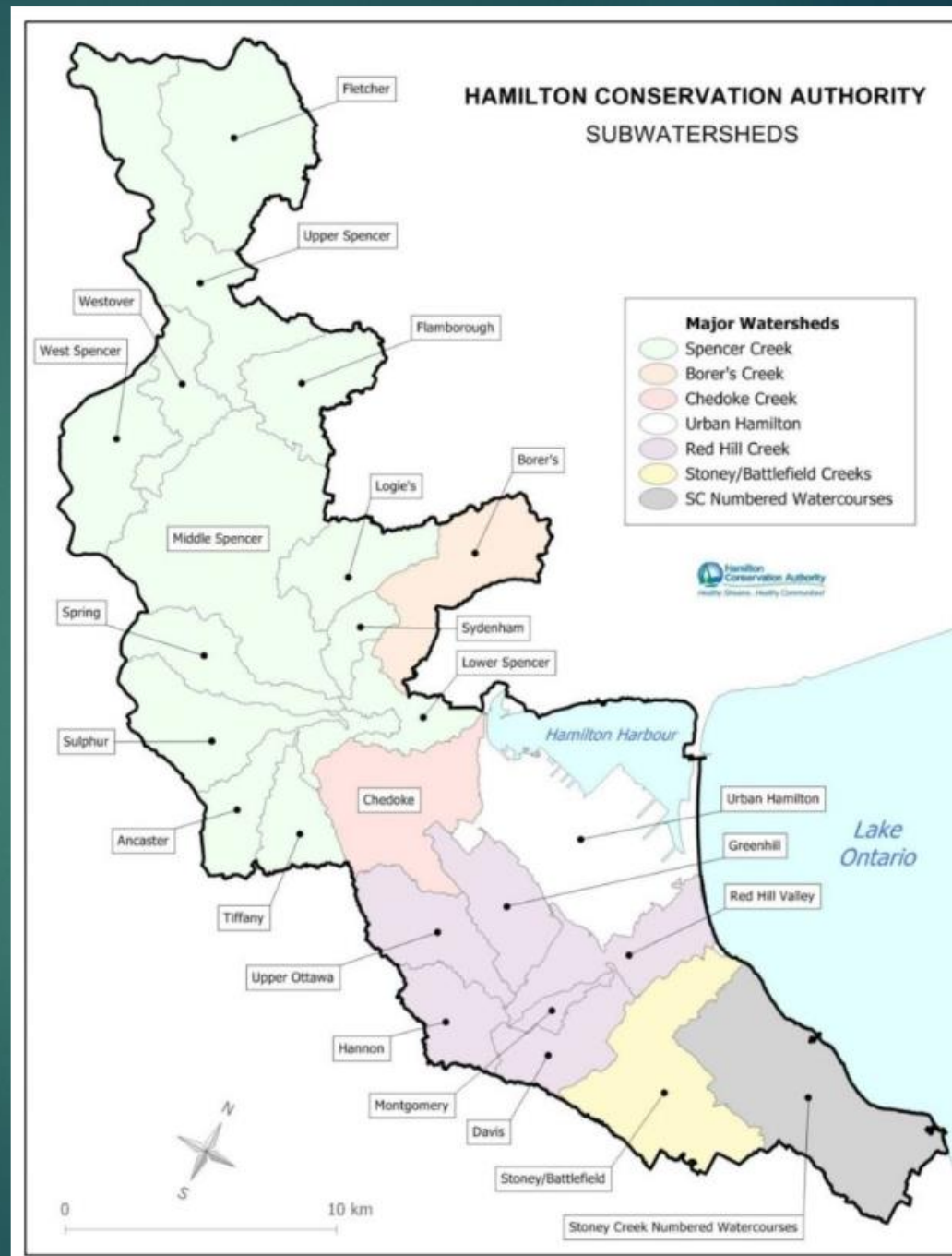


Hamilton's Watersheds

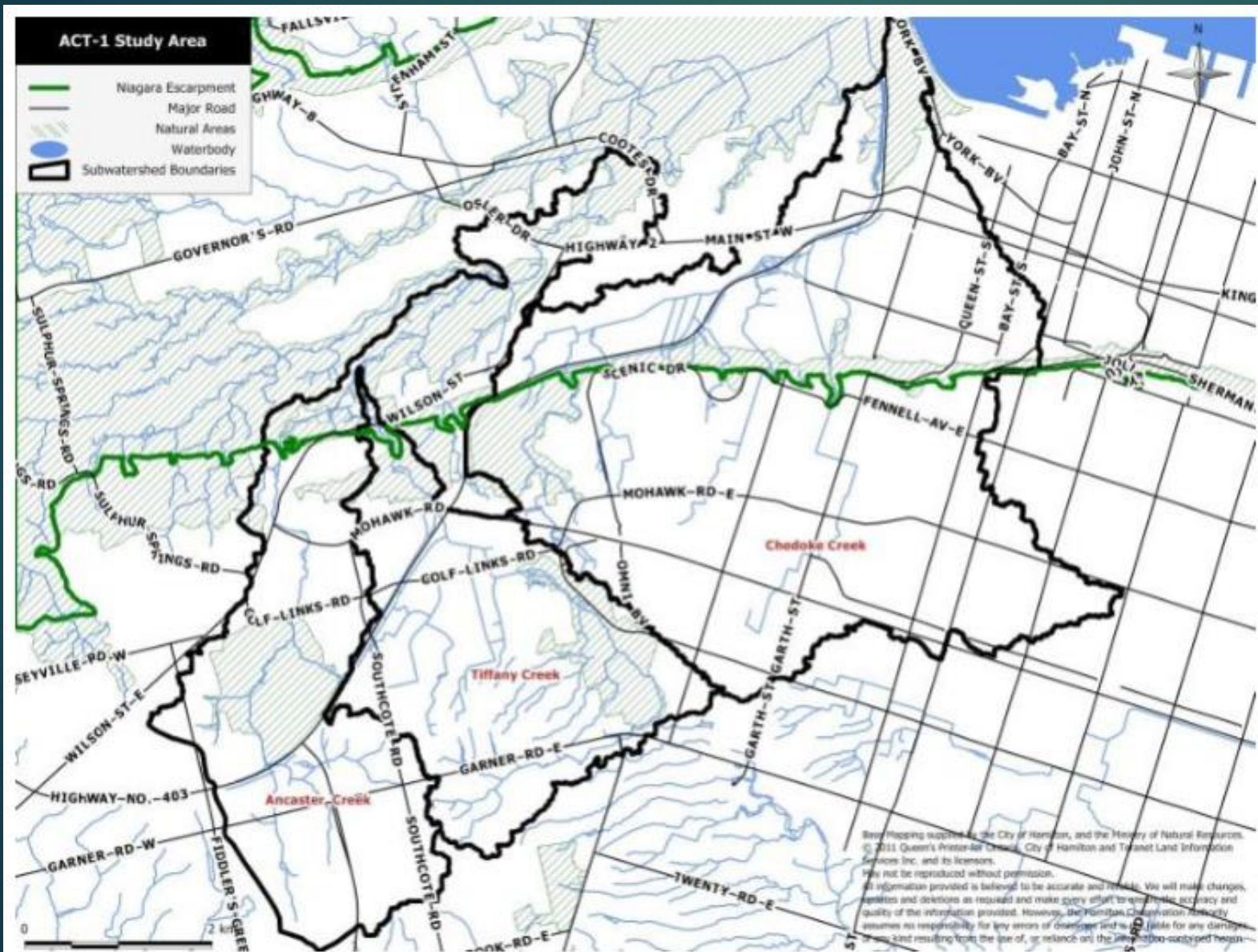
Notice that there are several watersheds for Hamilton.
Ancaster is in which Watershed?

At this level, the watersheds are at the creek level.

<https://conservationhamilton.ca/hamilton-watersheds/>



Ancaster, Ontario Watersheds



What sub watershed are we in at Ancaster Meadows School? (Hint: it is a creek name.)

<https://conservationhamilton.ca/wp-content/uploads/2018/04/Tiffany-Creek-Factsheet-2018.pdf>

Where Does the Water Go?

- ▶ Water will continue to flow until it cannot flow any more. Let's trace the water that runs off of our back field naturally. We can do this by following the watersheds from the smallest to the largest.
- ▶ Ancaster Meadows is in the Tiffany Creek sub watershed.
- ▶ That watershed flows into the Spencer Creek Watershed.
- ▶ These waters flow over Tiffany Falls and into Cootes Paradise and Lake Ontario.
- ▶ From Lake Ontario (as part of the Great Lakes watershed), its waters flow into the Atlantic Ocean along the St. Lawrence River.

