



Junction Creek  
Stewardship Committee

Comité d'intendance  
du ruisseau Junction

# ACTIVITY 1: WATERSHEDS

## Overview:

This activity will introduce participants to the concept of a watershed while placing a focus on local watersheds.

## Learning Objective:

**After completing this activity, participants will be able to:**

- Define what a watershed is and identify what watershed they live in.
- Explain why a healthy watershed is important.

## ACTIVITIES INCLUDED:

- 1.1 Learning about watersheds
- 1.2 “DIY Watershed Model” activity
- Colouring page

## ADDITIONAL EDUCATIONAL RESOURCES AVAILABLE:

### Science North:

- [Watersheds](#)
- [Water quality and watersheds](#)
- [Science for the Classroom: Watersheds](#) (video)



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# Activity 1.1: Learning About Watersheds

## What is a watershed?

**Prompt:** A watershed is an area of land that water flows as it is directed into a nearby waterbody like a river, stream, or lake. Watersheds cover all of the land. In fact, we are all part of a watershed!

## Find your local watershed.

- Go to [bit.ly/3PEU3rZ](https://bit.ly/3PEU3rZ) for an interactive map to find your watershed. See page 4 for a map of the Junction Creek watershed.

**Prompt:** Even though we may not see water, whether when we are looking outside our window or walking down the street, we are always in a watershed. What happens on the land will have an impact on local streams, rivers, and lakes.

## What can be found in a watershed, and how might it impact the health of the watershed?

### Prompts:

- Waterbodies (e.g., lakes, streams, rivers, creeks, ponds)
- Living (e.g., people, plants, animals, bugs)
- Non-living (e.g., cars, parks, lakes, schools, houses, industry, farms, stores, storm drains)
- What about “things that are big and small” or “things that move and don’t move”?
- Different kinds litter they may have seen.
- Think back to a rainstorm or a windy day, how might things on the ground make its way into a nearby waterway?

## Why is a healthy watershed important?

Healthy watersheds are crucial because they ensure clean water, support diverse ecosystems, protect against flooding, offer recreational activities, boost economies, regulate climate, sustain livelihoods, and hold cultural importance. They are essential for the well-being of both nature and people.

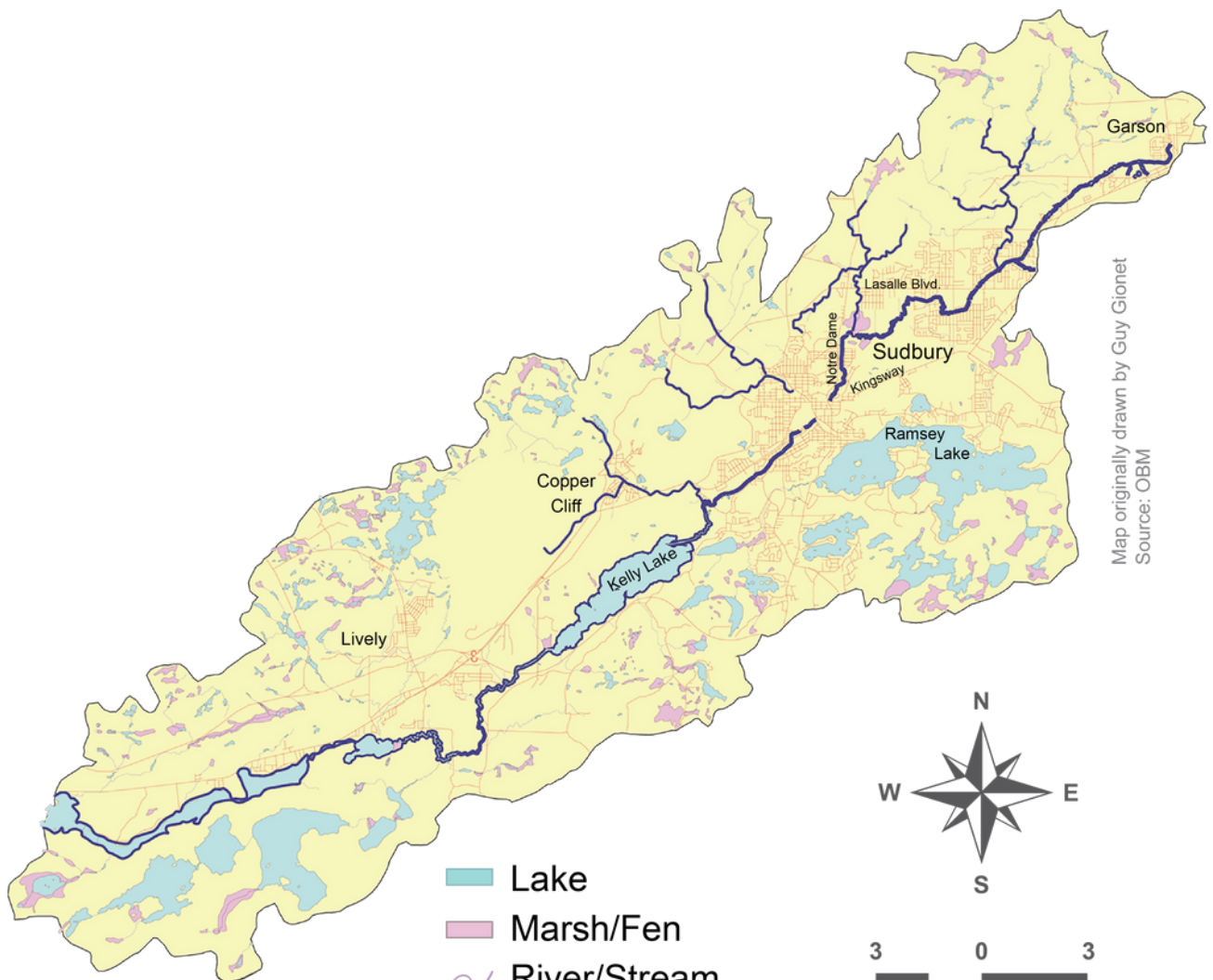


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
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## Map of the Junction Creek Watershed

Greater Sudbury, Ontario, Canada



Map originally drawn by Guy Gionet  
Source: OBM

-  Lake
-  Marsh/Fen
-  River/Stream
-  Junction Creek
-  Road
-  Junction Creek Watershed