

The



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Project

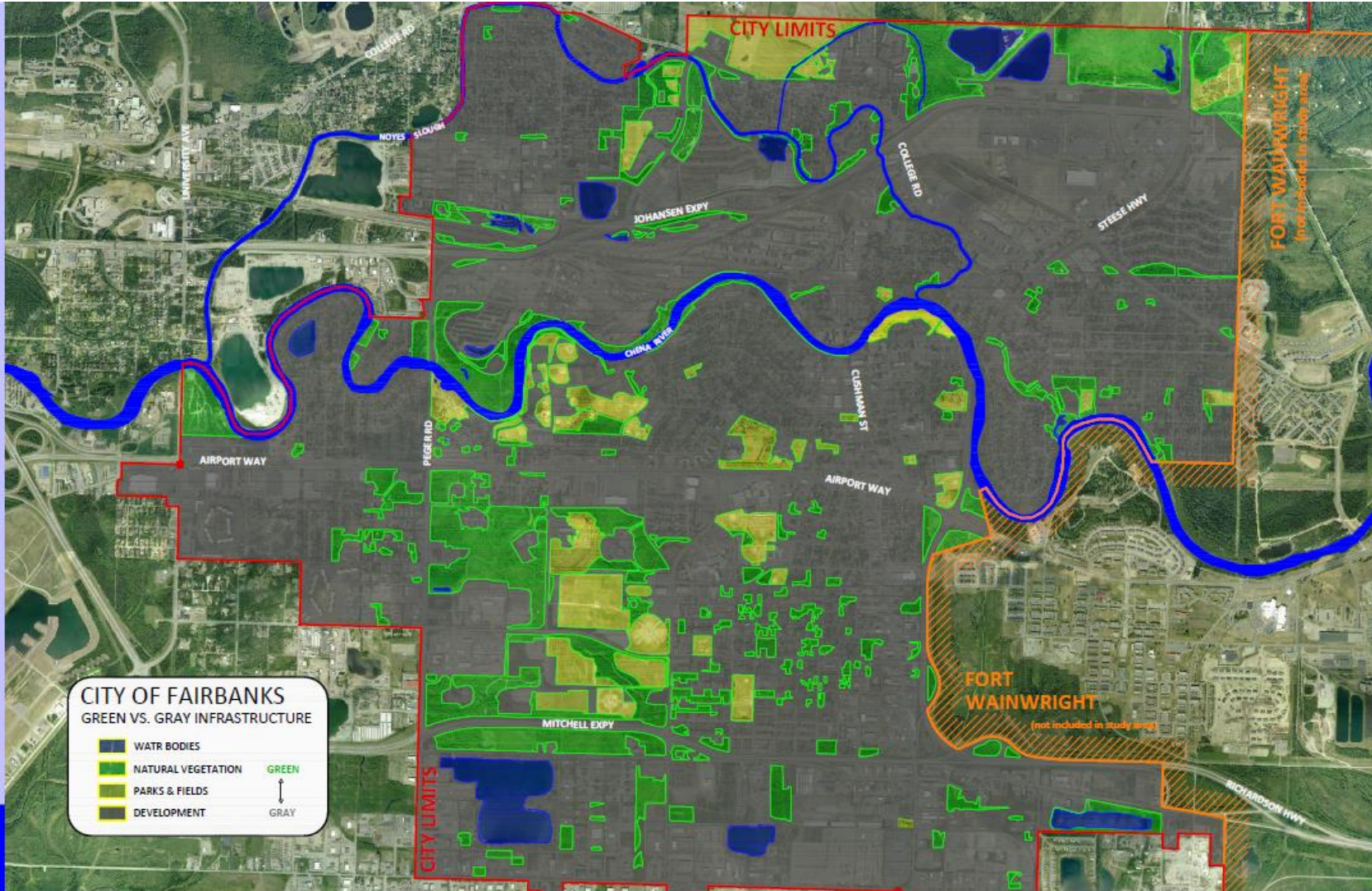
Fairbanks, Alaska

# Highlights

- ▶ What is the Green Map project?
- ▶ Green VS Grey Map
  - ▶ What is Green Infrastructure?
  - ▶ What is Gray Infrastructure?
- ▶ Why is Green Infrastructure important?
- ▶ Examples of local Green Infrastructure
- ▶ Fairbanks Green Map
- ▶ How to get involved!



# Green VS Grey



GREEN VS. GRAY INFRASTRUCTURE

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June 2016

GREEN INFRASTRUCTURE OPPORTUNITIES

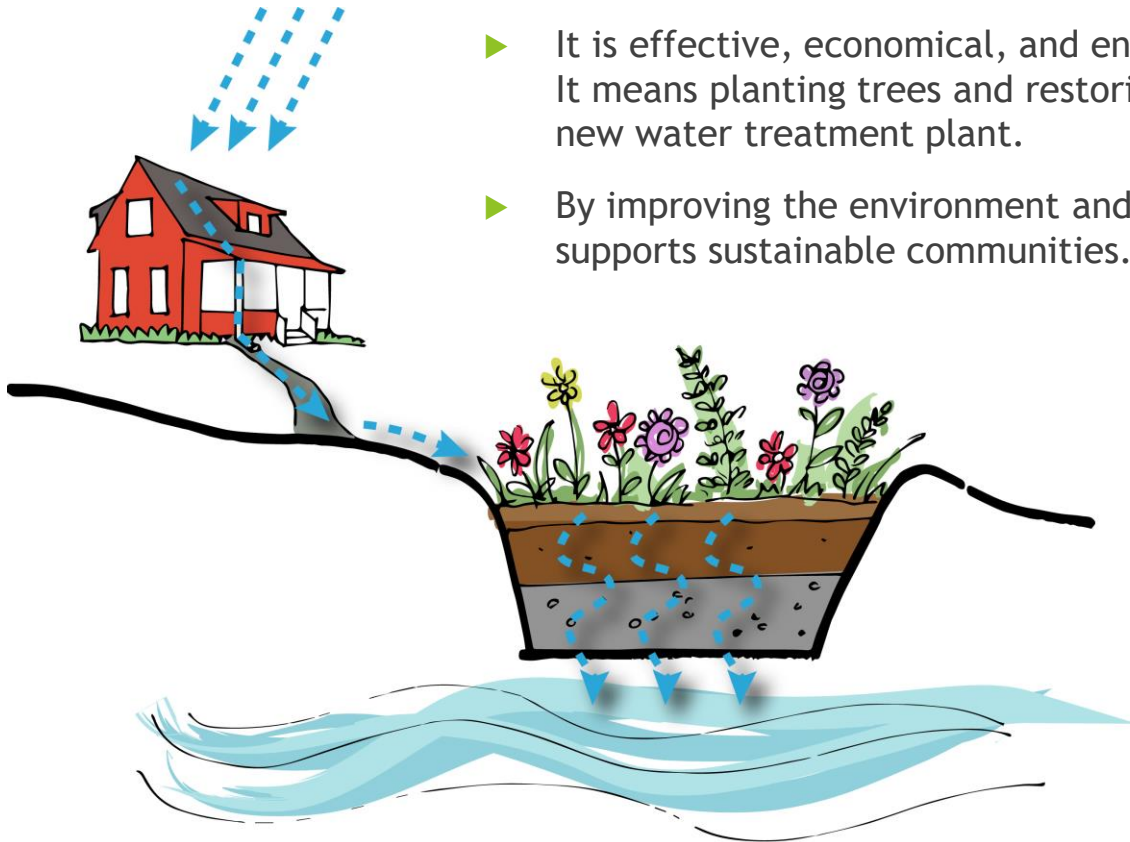


FAIRBANKS, ALASKA

# What is Green Infrastructure?

**Green Infrastructure** is an approach to water management that protects, restores, or mimics the natural water cycle.

- ▶ It uses natural hydrologic features to manage water and provide environmental and community benefits.
- ▶ It is effective, economical, and enhances community safety and quality of life. It means planting trees and restoring wetlands, rather than building a costly new water treatment plant.
- ▶ By improving the environment and preserving open space, green infrastructure supports sustainable communities.

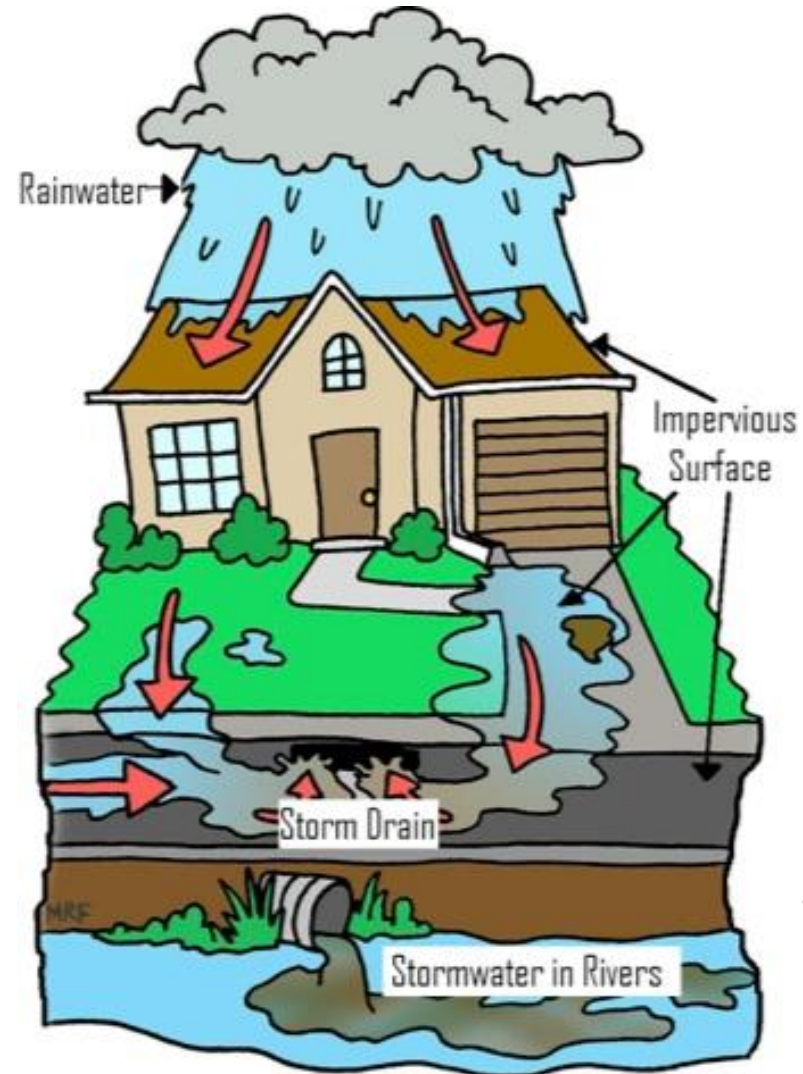


# What is Gray Infrastructure?

While green infrastructure refers to projects that draw from nature to achieve desired results, **grey infrastructure** includes:

pipes  
pumps  
ditches  
and detention ponds

engineered by people to manage stormwater.

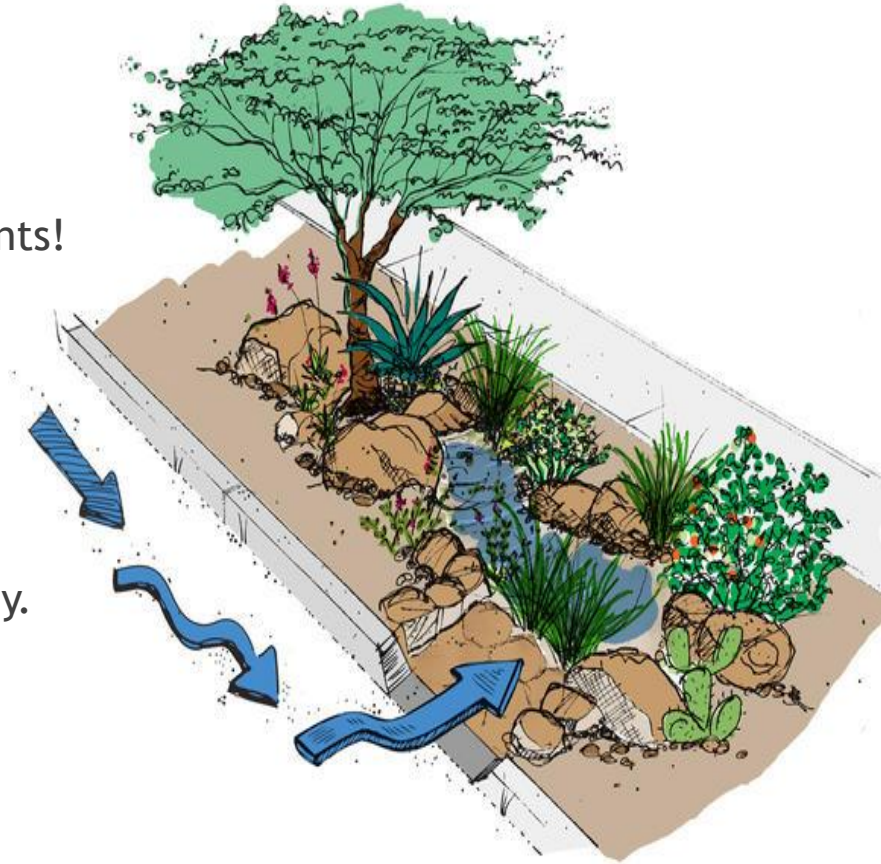


# Why is Green Infrastructure Important?

As communities grow, nature (**green**) is replaced by buildings and infrastructure (**gray**), causing storm drain runoff and pollution issues.

**Green Infrastructure helps by:**

- ▶ Keeping valuable water on YOUR site for YOUR plants!
- ▶ Reducing erosion - it keeps your soil on your site, where it belongs.
- ▶ Reducing flooding.
- ▶ Recharging groundwater.
- ▶ Allowing rain water to filter into the ground quickly.
- ▶ Minimizing pollutants being carried into nearby waterways (like the Chena River).



**By improving the environment and preserving open space, green infrastructure supports sustainable communities.**

# Examples of Local Green Infrastructure



Rain Barrel



Rain Garden



Permeable Pavers

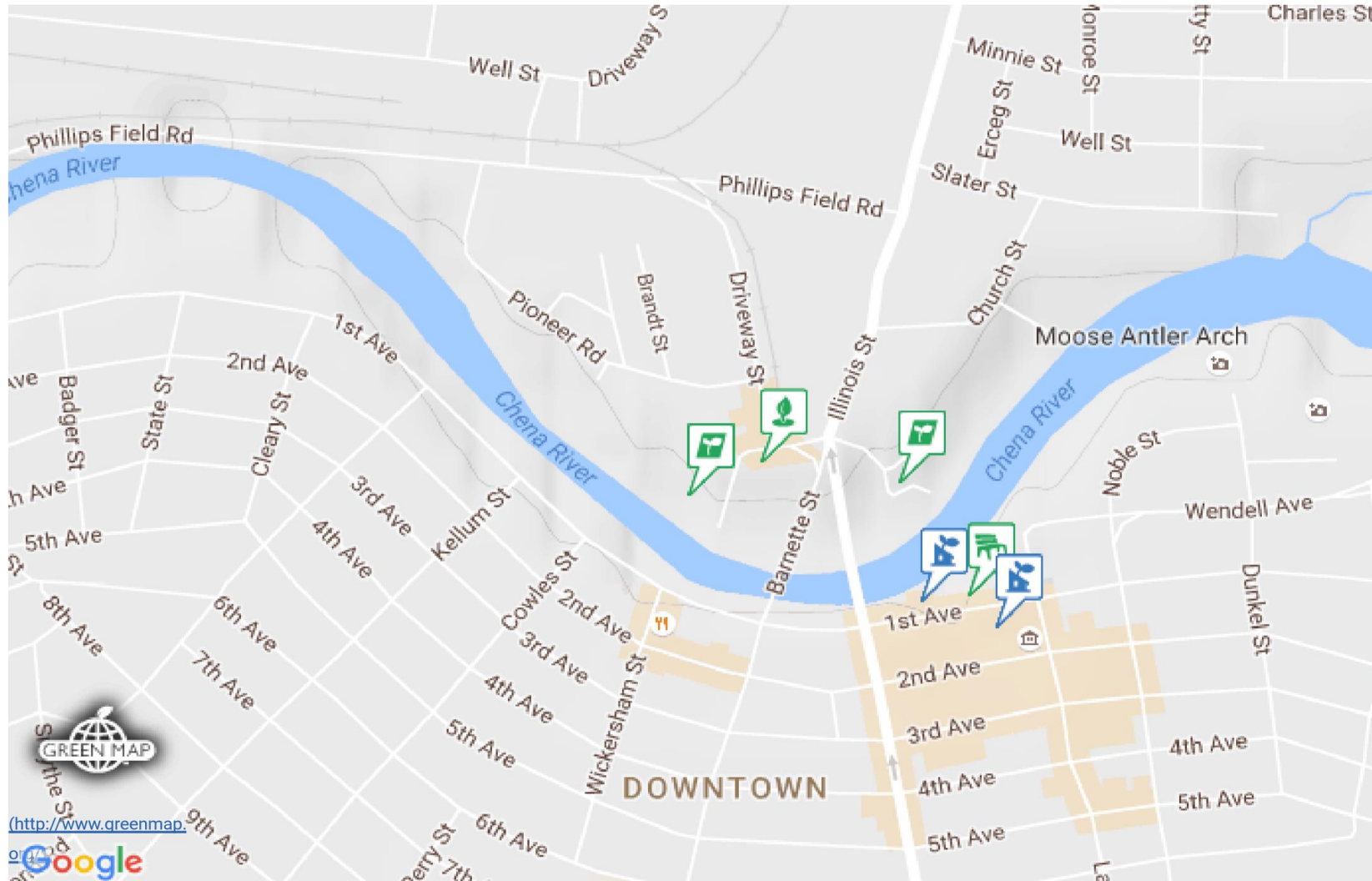


Flow Through Planter



# Fairbanks Greenmap.org

Fairbanks Green Map celebrates our region's progress toward becoming a healthy, sustainable urban center. It provides information about local green infrastructure, parks and open spaces through an interactive map.



# How to get involved!

## Two ways to add to the Fairbanks Green Map



### 1. Do it yourself.

- ▶ Go to [m.opengreenmap.org](http://m.opengreenmap.org)
- ▶ Allow the website to locate your position - it uses GPS coordinates to place the green infrastructure spot on the map.
- ▶ Select map - “Going Green in Fairbanks, Alaska”
- ▶ Fill in the Green Infrastructure or open spaces information you want to add.
- ▶ Hit ‘Submit’.

### or 2. Let us do it for you!

- ▶ Contact us at [fairbanksgreenmaps@gmail.com](mailto:fairbanksgreenmaps@gmail.com) with pictures and locations of the green infrastructure.

**Think Global**  
**Map Local**

The Tanana Valley Watershed Association, in partnership with other local agencies, with funding from the Alaska Clean Waters Act created the Fairbanks, Alaska portion of the Green Map. We invite you to participate in this fun interactive experience!

For more information on how to get involved - please visit the following links:

[www.TVwatershed.org](http://www.TVwatershed.org)

[www.FairbanksGIG.com](http://www.FairbanksGIG.com)

<https://dec.alaska.gov/water>

[www.co.Fairbanks.ak.us/pw/pages/Storm-water.aspx](http://www.co.Fairbanks.ak.us/pw/pages/Storm-water.aspx)

