A renewable heat source for your community is right under your feet.

PROVEN
SUSTAINABLE
RELIABLE
Free access to a sustainable heating source may be available near your real estate development.

- Hot water from homes and businesses travels down the drain and enters wastewater pipelines underground
- The heat available in wastewater pipelines is a proven thermal energy source
- The thermal energy in these pipelines offers a low carbon option for indoor heating, similar to other geothermal exchange systems
- This innovative technology uses reliable, well-established heat transfer technology to extract the heat and distribute it to nearby homes and businesses

A MODEL FOR SUSTAINABLE HIGH-DENSITY DEVELOPMENT

- Reduces greenhouse gas emissions compared to natural gas or electric baseboard heating
- Offers an opportunity for LEED credits
- Aligns with city sustainability goals and the potential to attract an eco-conscious clientele
- Contains ample energy for even campus-scale developments. The District’s pipeline system could supply enough energy to heat the cities of Arvada and Thornton combined

There are hundreds of installations that use wastewater for thermal energy recovery in operation globally. These systems have been installed at both the campus energy scale (10kW) and the district energy scale (20kW) in cities like Vancouver, B.C., Oslo, Norway, and Colorado’s very own town of Avon.

ARE YOU IN OUR SERVICE AREA?

Interested?
If your future real estate development is in our service area, reach out to us to learn more about this opportunity.
THE PROCESS

- Hot water from showers, sinks, dishwashers, and laundry machines goes down the drain and into sewer pipelines
- A building or campus-scale system captures heat as it flows by
- A circulation loop transfers heat energy to homes and businesses as a reliable, safe, and efficient energy source

ABOUT METRO WASTEWATER RECLAMATION DISTRICT

The Metro Wastewater Reclamation District was formed under Colorado law in 1961 and is the largest wastewater treatment provider in the Rocky Mountain West. We serve nearly 2 million people in a 715 square-mile service area in metropolitan Denver. Our mission is to protect the region’s health and environment by cleaning water and recovering resources.

WANT MORE INFORMATION?

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