

Town of Pagosa Springs Geothermal Heating District

Connection Request Form

Date: _____

Applicant/Customer Name: _____

Customer Billing Address: _____

Connection Address: _____

Phone Number: _____

Email address: _____

Contractor Name: _____

Contractor Phone Number: _____

Submit this form to:

Town of Pagosa Springs - Public Works
Department PO Box 3249
550 Pirate Drive
Pagosa Springs, CO 81147
970-264-4151 extension 400

District Overview

The Geothermal Heating District utilizes a main well to extract geothermally heated water (approx. 144 degrees F). Due to the corrosive nature of the geothermal water, we first send the water through a heat exchanger in order to heat fresh water to around 136 degrees F. The fresh water is then pumped through a loop system to supply heated water and return the cooled water back for reheating. Geothermal heat appears vast in capacity, but we are limited by design and water rights. The heating of sidewalks and driveways is possible but are considered a secondary use, as the intended usage of this resource is for affordable building heat.

Customer connection requirements

There is a Tap Fee of \$5,000 to connect to the geothermal system. A \$1,000 Tap Fee Retainer is required to be added to the geothermal waiting list and will be credited to the tap fee when connected. The 2024 residential rate is \$61.20/month. Commercial rates are based on square footage. The owner is responsible for all excavation and material to complete the tap. The District will make the physical connection to the supply and return main lines and install curb stops using customer supplied parts. Most homes can be serviced with a 1" feed and return line. The lines shall be insulated PEX pipe. Curb stops for both the feed and return lines are required to be located at the property line and in such a way as to prevent damage by road maintenance or snow removal operations. Connections to the system are typically only performed during the non-heating heating season.

For further details contact the Public Works Director at 970-264-4151 ext. 451 or the Utility Supervisor at 970-264-4151 ext. 412.

Please read the Rules & Regulations for the Pagosa Springs Geothermal Heating District.

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Agreement Form

Per the regulations, some important reminders include:

Design and Construction Standards

Design, construction and maintenance of the Customer Tap connection and the Customers Facilities shall be approved in advance by the District and shall comply with the requirements of the Town. The customer must utilize a heat exchanger to extract heat from the Town's supply line. Use of geothermal system water for uses other than in the customer's heat exchanger is prohibited.

Service Connection Standards and Inspections

The Customer is responsible for all supplies and excavation. Town staff will perform the physical connection to the supply and return lines. Prior to covering the Tap, curb stops or any in-ground Facilities, the Customer shall notify the Department to request a service connection inspection. Before a connection to the Geothermal system can be made, all fees must be paid, proper material must be on site, an 811 line locate completed, and any other required permits must be approved.

Inspection:

All requests for inspection must be made to the Department at least one (1) working day in advance. Inspections shall be made between the hours of eight (8:00) A.M. and four (4:00) P.M., Monday through Friday, excluding holidays.

TERMS AND CONDITIONS OF GEOTHERMAL SERVICE

The Town's responsibility for operation and maintenance of Facilities ends at the Point of Delivery and at Return Point connections. The Town shall not be liable for any direct, indirect, or consequential damages due to failure of the Geothermal Facilities.

By my signature below, I hereby certify that I have received either a written or digital copy of the most current version of the Town of Pagosa Springs Geothermal Heating System Regulations. I further certify that I have read and understand the regulations and am bound by them as a condition of receiving geothermal heat service from the Town of Pagosa Springs.

Printed Customer Signature

Town Official Signature

Date: _____

Town Official Printed

Date of Service Connection: _____