

Subject Groundwater thermal heat exchange devices

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Overview

A groundwater thermal heat exchange device is a heating or cooling device that extracts and reinjects groundwater from an aquifer to operate. To install a groundwater thermal heat exchange device, a property owner or agent must obtain a permit from the commissioner of health. This bill requires groundwater thermal heat exchange devices to comply with natural resource water-use requirements, provides a permit from the commissioner of health is not valid if the project needs but does not have a water-use permit from the commissioner of natural resources, and makes other changes to the permitting and regulation of groundwater thermal heat exchange devices.

Summary

Section	Description
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1	Permit.
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Amends § 1031.621, subd. 1. In a subdivision governing permits for groundwater thermal heat exchange devices, requires small systems and larger systems to comply with the water-use requirements in chapter 103G, in order to obtain a permit to operate a groundwater thermal heat exchange device. Allows up to 100 permits to be issued for larger systems, rather than up to ten permits as in current law. Changes the capacity parameters for larger systems from systems with a maximum capacity of 20 to 50 gallons per minute to systems with a maximum capacity of over 20 gallons per minute. Removes requirements that small systems are subject to inspection twice a year and larger systems are subject to inspection four times a year (systems must still agree to allow inspections by the commissioner as a condition of obtaining a permit). Requires property owners or agents to submit permit applications on forms provided by the commissioner. Specifies a permit under this section is not valid if the project requires but does not have a water-use permit from the commissioner of natural resources.

Effective date: This section is effective the day following final enactment.

Section	Description
2	<p data-bbox="316 262 730 294">Water-use requirements apply.</p> <p data-bbox="316 304 1429 420">Amends § 1031.621, subd. 2. Provides that water-use permit requirements and penalties under chapter 103G, rather than chapter 103F as in current law, apply to recipients of a permit for a groundwater thermal heat exchange device.</p> <p data-bbox="316 451 1429 491">Effective date: This section is effective the day following final enactment.</p>



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