References

Minnesota Zoo Built Safe Walkways with an Uponor Snow Melt System



Uponor involvement

Installed Products:

- Wirsbo hePEX™ pipe
- Manifolds

Applications:

- Hydronic snow and ice melting system integrated below outdoor concrete paths
- Automated operation to reduce manual snow removal and improve guest safety
- Energy-efficient design optimized for Minnesota's long winters

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Installed in 2015, the Uponor snow and ice melting system at the Minnesota Zoo enables safe, year-round accessibility for guests by eliminating the need for constant snow removal. Designed to withstand harsh Minnesota winters, the hydronic system continues to help the zoo maintain consistent operations while protecting guests, staff, and infrastructure, even after more than a decade of use.

Customer Challenge
Keep outdoor pathways safe and accessible for guests and staff year-round with a solution that offers convenience, efficiency, and reliability

Uponor Solutions
A reliable, low-maintenance solution, the Uponor snow and ice melting system supports guest and employee safety by continuously removing surface snow and ice that can cause slips and falls. The automated operation eliminates the need for plowing, salting, and shoveling, which reduces labor and equipment costs while ensuring consistent access to walkways, even in extreme winter conditions

Sustainability
By minimizing the use of salt and chemicals, the radiant system also helps protect landscaping, extend the life of the concrete and surfaces, and directly supports the zoo's environmental and sustainability goals.

Additional Projects
Uponor has been chosen for additional needs around the zoo, including radiant heating in the Komodo Dragon Habitat, installed in 1994, designed to mimic their natural environment with multiple zones.

Project Facts:

Location	Completion
Apple Valley, USA	2015
Building Type	
Cultural institutions	
Address	Website
13000 Zoo Blvd, Apple Valley, MN 55124	https://mnzoo.org/

MN Zoo Image Gallery









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