



FACT SHEET ON: THE CHENA GARDEN AND GREENHOUSE



Chena Hot Springs is working toward becoming a self-sustaining community, and an important part of making this vision a reality is to strive for greater independence in food production. Chena installed a small test greenhouse in 2004, which has been operating year round and is heated entirely with water from our geothermal resource. Last January, we were able to maintain greenhouse temperatures of 85°F while ambient temperatures dropped to -45°F, which is typical for Interior Alaskan winters. This 130°F temperature differential was the largest recorded for any controlled environment production facility in the U.S. last year.

Chena has recently added to its controlled environment facilities with the construction of a new 4320ft² greenhouse to provide our restaurant with a greater variety of fresh produce on a year-round basis. Crops planned for the greenhouse include tomatoes, lettuce, green beans, peppers, cucumbers, and numerous greens and herbs

Chena Hot Springs is also working in partnership with the University of Alaska Agriculture and Forestry Experiment Station on a controlled environment research project for investigating the opportunities of establishing similar projects throughout the State of Alaska, using geothermal or other waste heat streams.

