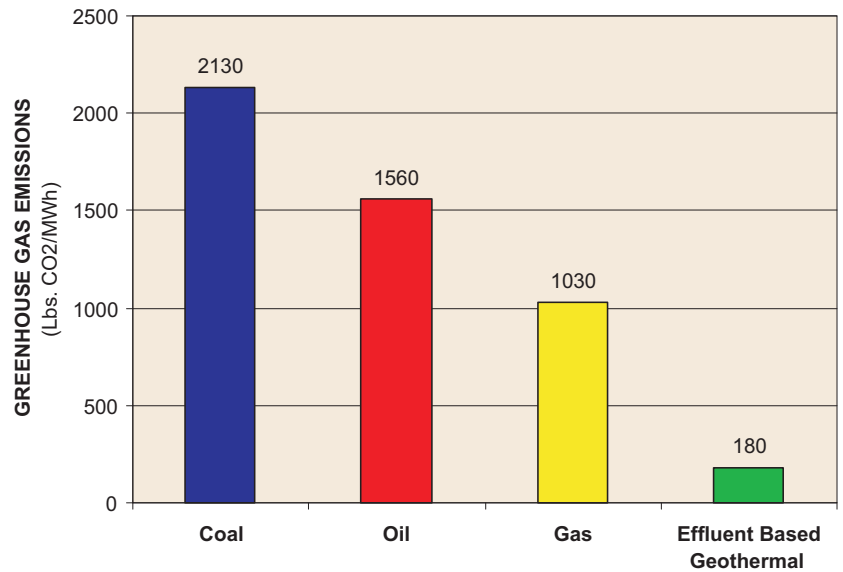


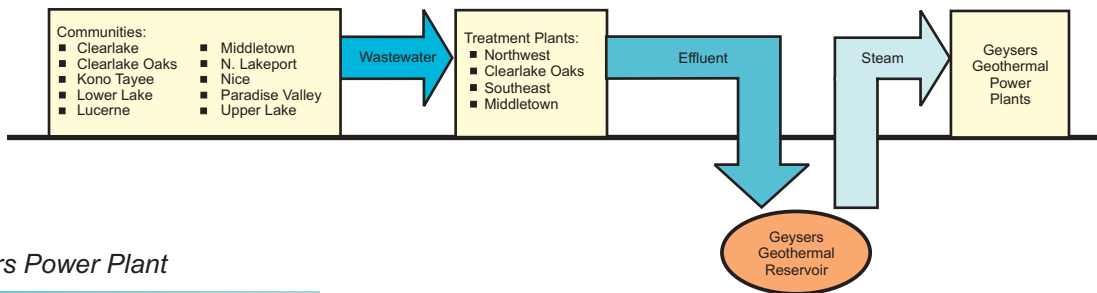


# Reusing Wastewater to Reduce Global Warming

Since 1997, Lake County has led the nation in recycling its wastewater for environmental and energy benefits. Over the past 10 years, wastewater recycling has avoided over **8 billion pounds** of greenhouse gas emissions due to the lower CO<sub>2</sub> content of geothermal steam.



## Lake County's Award-Winning System



NCPA Geysers Power Plant



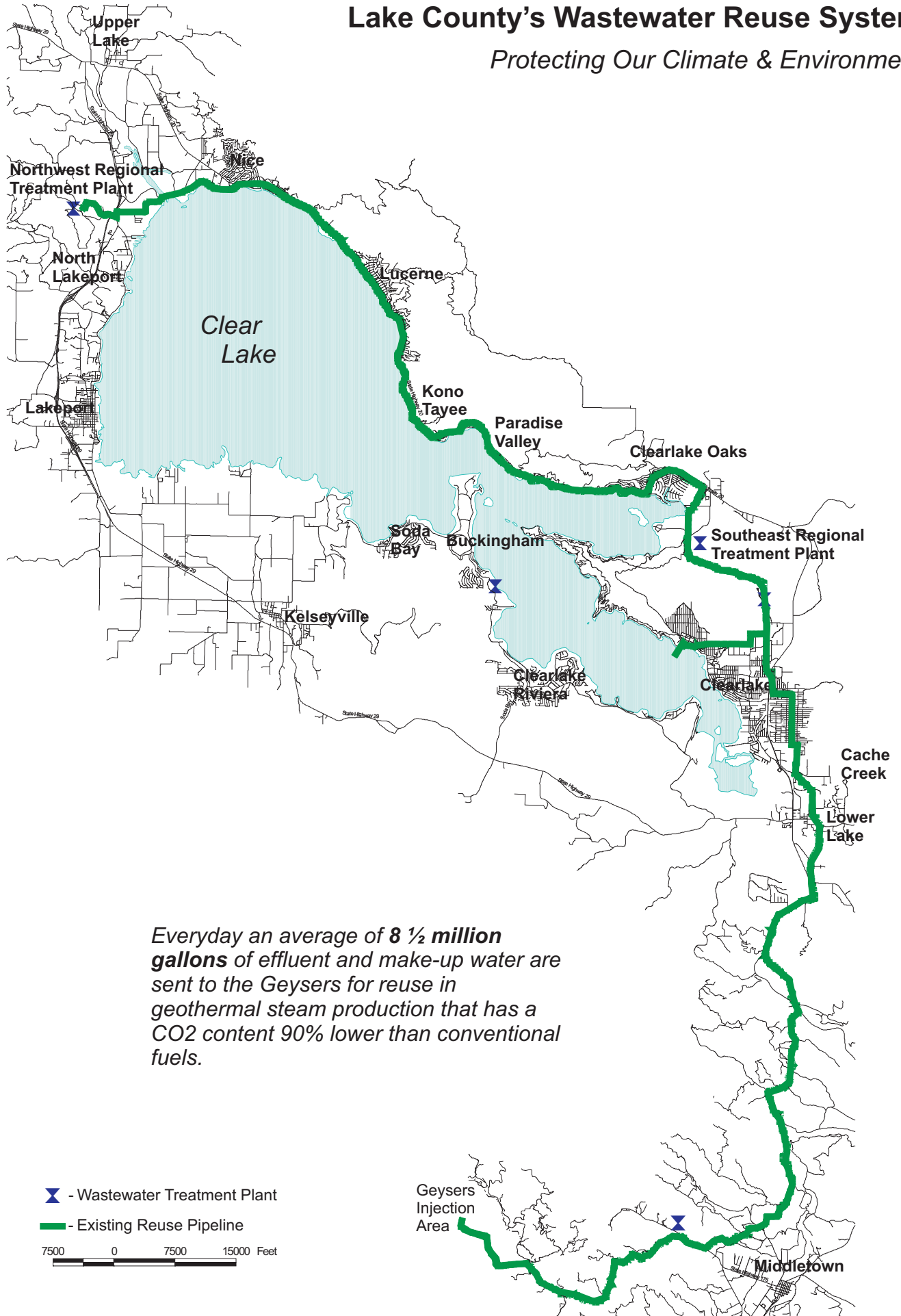
Recycled effluent and make-up water is currently supporting approximately 100 MW of geothermal power generation, or the annual equivalent of **1 billion pounds** of greenhouse gas avoided each year.



Lake County's Water and Wastewater Agency

# Lake County's Wastewater Reuse System

*Protecting Our Climate & Environment*



Everyday an average of **8 ½ million gallons** of effluent and make-up water are sent to the Geysers for reuse in geothermal steam production that has a CO<sub>2</sub> content 90% lower than conventional fuels.

- ✕ - Wastewater Treatment Plant
  - - Existing Reuse Pipeline
- 7500 0 7500 15000 Feet