



## CASE STUDY

CUSTOMER

CONSUMER

LOCATION

ELK, CA USA / JAN 2010

EQUIPMENT

RESIDENTIAL RADIANT-FLOOR HEATING SYSTEM

APPLICATION

HOT WATER

ROI



NO LONGER  
THE NEED FOR  
EXPENSIVE  
DISPOSABLE  
FILTERS, &  
PROLONGED  
THE INTEGRITY  
OF SYSTEM  
COMPONENTS

“The amount of contamination the magnetic filter trapped was amazing. I will now be installing an OEI Magnetic Y-Strainer on my main house water to extend the life of the expensive traditional filters

-Karl Waidhofer

## CHALLENGE

Reduce iron levels in well water used in radiant floor heating system to prevent clogging of the heating lines. The piping system and the oil-fired cast iron boiler are plumbed with copper and Poly PCX tubing. Iron in the hot water corrodes the radiant piping. The corrosion and wear contamination prematurely wears pumping components, damages seals and valves, and plugs off radiant heating lines.

## SOLUTION

Install an OEI magnetic y-strainer prior to the pump and mixer.

## RESULTS

The application of the magnetic filter successfully removed a significant amount of rust contamination from the system. The photo indicates 1 month of contamination collected.



PRODUCT  
RECOMMENDATION

**MAGNETIC FILTER  
Y-STRAINER**



403.242.4221



QUOTES@ONEEYEINDUSTRIES.COM

