

Test Results- Todd Giddings & Assoc., Inc. Letter

Clear Water Enviro Technologies

1166 Kapp Drive
Clearwater, FL 33765

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Dear Gentleman,

Following are the results of both lab and field testing of your Scale Blaster SB 50 device.

Using a soap drop titration test utilizing tincture of green soap on a water supply containing an initial hardness of 345 ppm as CaCO₃ in a 150 ml sample of water, results ranged from 27 drops into rawwater-22 drops into water processed only through the SB 50 coiled around a 3/4" pipe (PVC) to produce equal amounts of soap suds (a reduction of 19%) to 29 drops into raw water-22 drops into processed water to produce equal amounts of suds. (a reduction of 25% less soap processed through the SB 50)

A 90 day field test resulted in a noticeable difference in the overall feel of the water similar to that of a conventional salt softening system. Skin was less dry and hair was softer using less soap and shampoo. Soap curd and scum rings in the tub and shower were greatly reduced. Most noticeable was the loosening and gradual disappearance of the hard water lime scale deposits on plumbing fixtures, shower heads etc. No salt, chemicals, additives or maintenance were necessary after installation and required a very small amount of installation space. The field test unit was installed on water ranging from 258 ppm to 425 ppm depending on the wells being used by the municipal water company. The white lime scale did not return after the unit had "cleaned" the plumbing. Instead, the precipitation that resulted was in the form of a white powder which was easily wiped away without chemical solvents; a result of the SB 50's transforming the initial calcite molecule into the aragonite molecule, giving it the different physical properties that produced the above lab and field results.

In general, the Scale Blaster SB 50 tested to be an effective and economical alternative to conventional chemical and salt softening without the maintenance and expense of a conventional salt system. In addition, the fact that sodium is not introduced into the water like a conventional softener could be considered by many to be a health benefit. The Scale Blaster SB 50 should be considered when looking to address the problems associated with hard water caused by calcium-lime minerals.

SCALE BLASTER™

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