

## **SOIL-PLUS® ELIMINATES SCALE BUILD-UP IN FILTRATION SYSTEM! Phoenix, Arizona- USA**

Calcium and Magnesium bicarbonate clogging is a common problem in the southwestern USA due to their high presence in irrigation waters. These mineral salts easily precipitate on metallic surfaces due in part to electrolytic reactions and this process eventually clogs the filter pores and pose a maintenance nightmare and reduces irrigation or sprinkler efficiency. Acid washing of the filter is required to remove the calcified material. Additionally constant dismantling of the pump station is costly and robs the golf course & landscape of much needed water.

On 11-6-09 Biofeed Solutions installed one of its Biofeeder L-200 automatic feeding systems which injects **SOIL-PLUS®** into the filter inlet line to organically remove mineral scale build-up at Trailside Point HOA irrigation pump site (Phoenix, Arizona-USA). Excessive minerals in the irrigation water from the Central Arizona Project Canal (CAP) were causing severe mineral clogging issues resulting in system down-time and expensive servicing.

However, from 11-6-09 to 4-28-10 **NO** clogging of the filtration system occurred and on 4-28-10 the filtration system was dismantled to determine the condition of the filter.



Both the filter and the housing assembly were photographed immediately as they were disassembled by a technician from Associated Pumping Systems, Inc. of Phoenix, Arizona and were found to be completely free of mineral scale.

**The Service Technician, as soon as he saw the filters remarked: “The filters have never been so clean- WOW- THAT BIOFEED PRODUCT WORKS!”**

As an alternative to harmful “sulfuric acid”, which requires highly expensive injection equipment, Biofeed SOIL-PLUS® provides a safe formulation not only for the environment but it is also safe to handle. Further, plants, trees, lawns and soil- all benefit from its pro-biologic activity both in the soil and in the plant system.