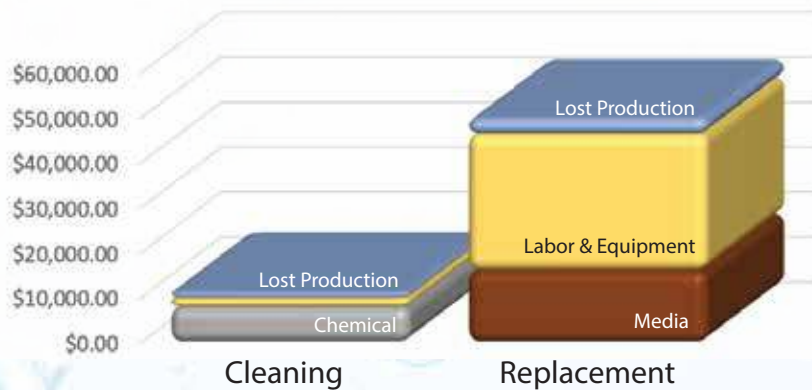


THE QUESTION

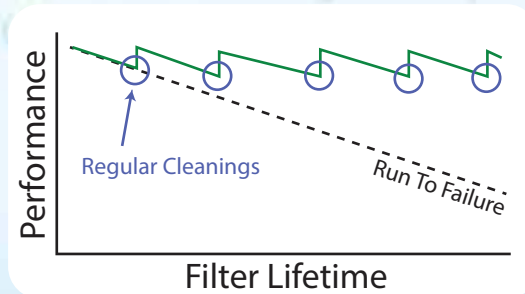
The granular media in water filters are unburdened of the particulates they collect through daily backwashing, however, over time filter effectiveness diminishes as deposits and biofilms accumulate on media surfaces and underdrains. In most cases this occurs long before the media itself breaks down. When this happens should you replace the media before the end of its useful life or is it more cost effective to chemically clean the media?

THE ANSWER

The following cost analysis compares the cost of media replacement of a 12' x 12' sand and anthracite filter with the typical cost of chemically cleaning the media, underdrain, and filter walls.



The cost of chemically cleaning is typically about 1/3 the total cost of media replacement and results in far less down time resulting in less lost production. Proactive utilities schedule regular cleanings to maintain optimal filter performance. The following chart shows the benefits of regular cleanings over the lifetime of the filter media.



DC#1010, V1

Blue Earth Products is a specialty chemical manufacturer with a full line of products specifically engineered to extend the operational life and efficiency of any water infrastructure by removing organic and inorganic contaminants.

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