

FABCO INDUSTRIES, Inc
VEHICLE REFUELING/STORAGE LOT
TEST PROGRAM



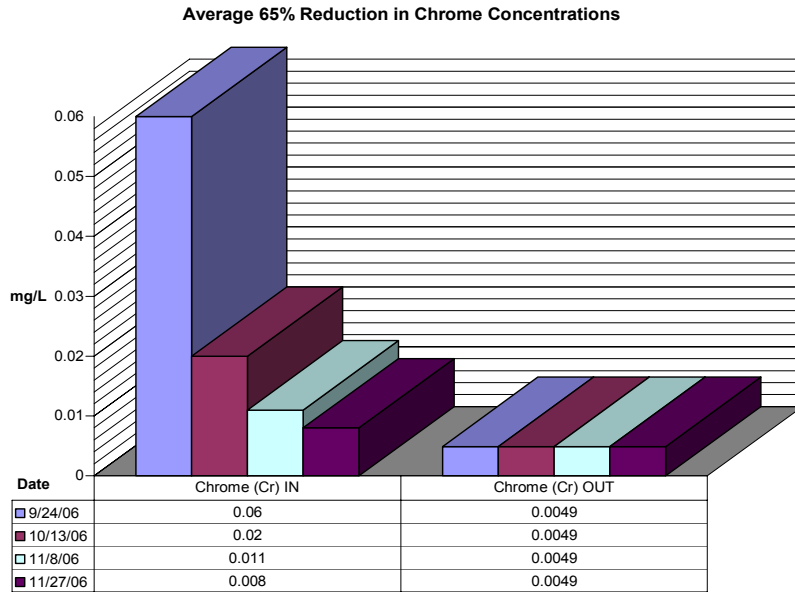
Executive Summary

As part of a cooperative program between a local municipal corporation and Fabco Industries, a Long Island based manufacturing firm, a series of tests were performed to determine the effectiveness of catch basin inserts in preventing the release of pollutants contained in storm water flowing off parking lots. The product installation and performance trials took place over a two-year period at two vehicle fueling and storage yards. The device being tested is the Fabco StormPod, a versatile catch basin insert that can be fitted with a variety of different media cartridges, which can retain various noxious substances and entrained debris.

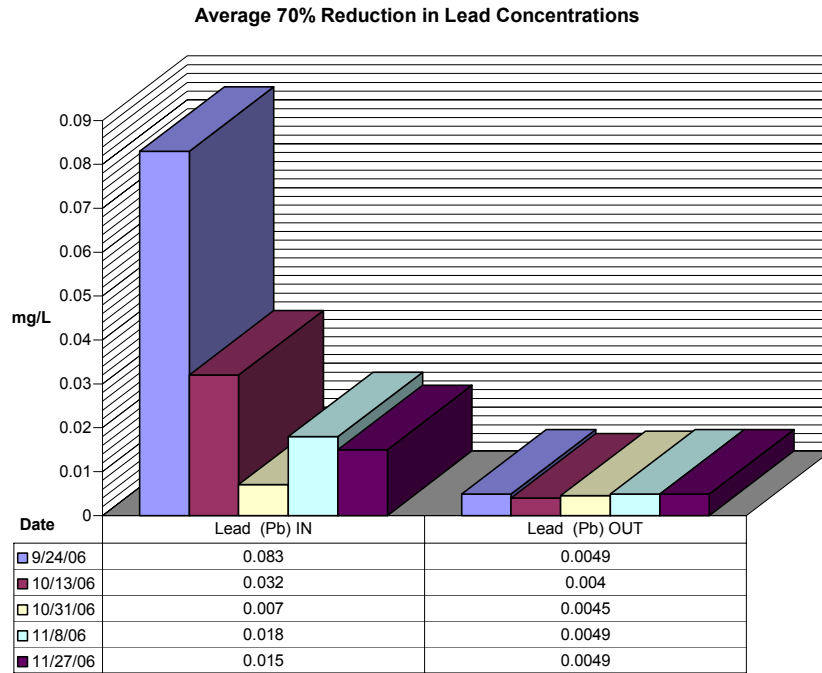
In conclusion, it was found that the Fabco StormPod was effective in the capture and retention of pollutants and debris found in surface water runoff. Specifically, concentrations of 3 types of heavy metals were reduced by an average 65% while trace levels of oil and grease were treated to below detectable limits. Of particular significance is the fact that the individual units operated at an acceptable level of efficiency despite being in service for extended time periods approaching one year.

As a corollary finding, it is interesting to note that the commercially available Nalgene Sampling System employed for these tests was demonstrated to be well suited for this storm water sampling application.

Graph 1: Reduction of Heavy metal Chromium form storm water



Graph 2: Reduction of Heavy metal Lead form storm water



Graph 3: Reduction of Heavy metal Zinc form storm water

