

FABCO INDUSTRIES, INC
BEACH / HARBOR STORM WATER
TEST PROGRAM



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Executive Summary

Under an agreement between a local municipality and Fabco Industries, a Long Island based manufacturing firm, during the summer of 2006 a series of tests were performed on the Fabco catch basin inserts to evaluate their effectiveness in reducing certain identified bacteria contained in the surface water runoff. The product testing took place over a 90 day period at a beach front parking lot with known high levels of bacterial contamination. The device being tested was Fabco's StormBasin product which was supplied with two filter cartridges configured for maximum bacteria reduction.

The testing protocol focused on collecting efficiency data under real storm conditions. Only minimal maintenance was performed during the 90 day period and the same filtering cartridges were used from start to finish in order to better represent actual conditions. Sampling was also varied so that effectiveness could be measured during first flush as well as during the storm event. The report data presented here confirms that the StormBasin product was highly effective in reducing 3 types of indicator bacteria: E.Coli (77%), Enterococcus (49%) and Fecal Coliform (77%) .

Although not reported as part of the test, the StormBasin also collected considerable trash and debris such as plastic bottles and caps, candy wrapper, cigarette butts, and other material that would have been directed into the harbor.

Table A: Fabco Industries, StormBasin: effectiveness on E. coli bacteria

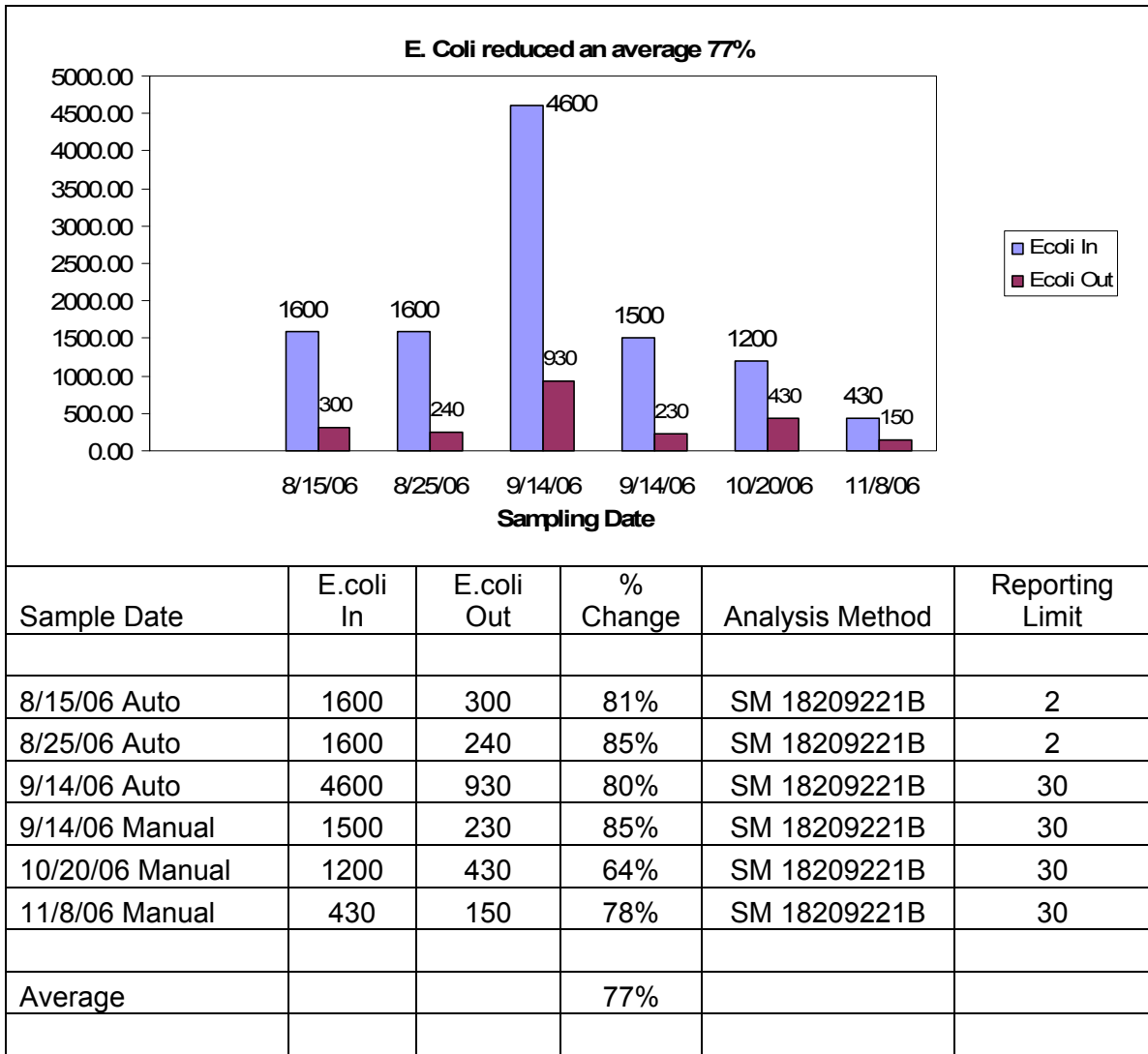


Table B: Fabco Industries, StormBasin: effectiveness on Fecal coliform bacteria

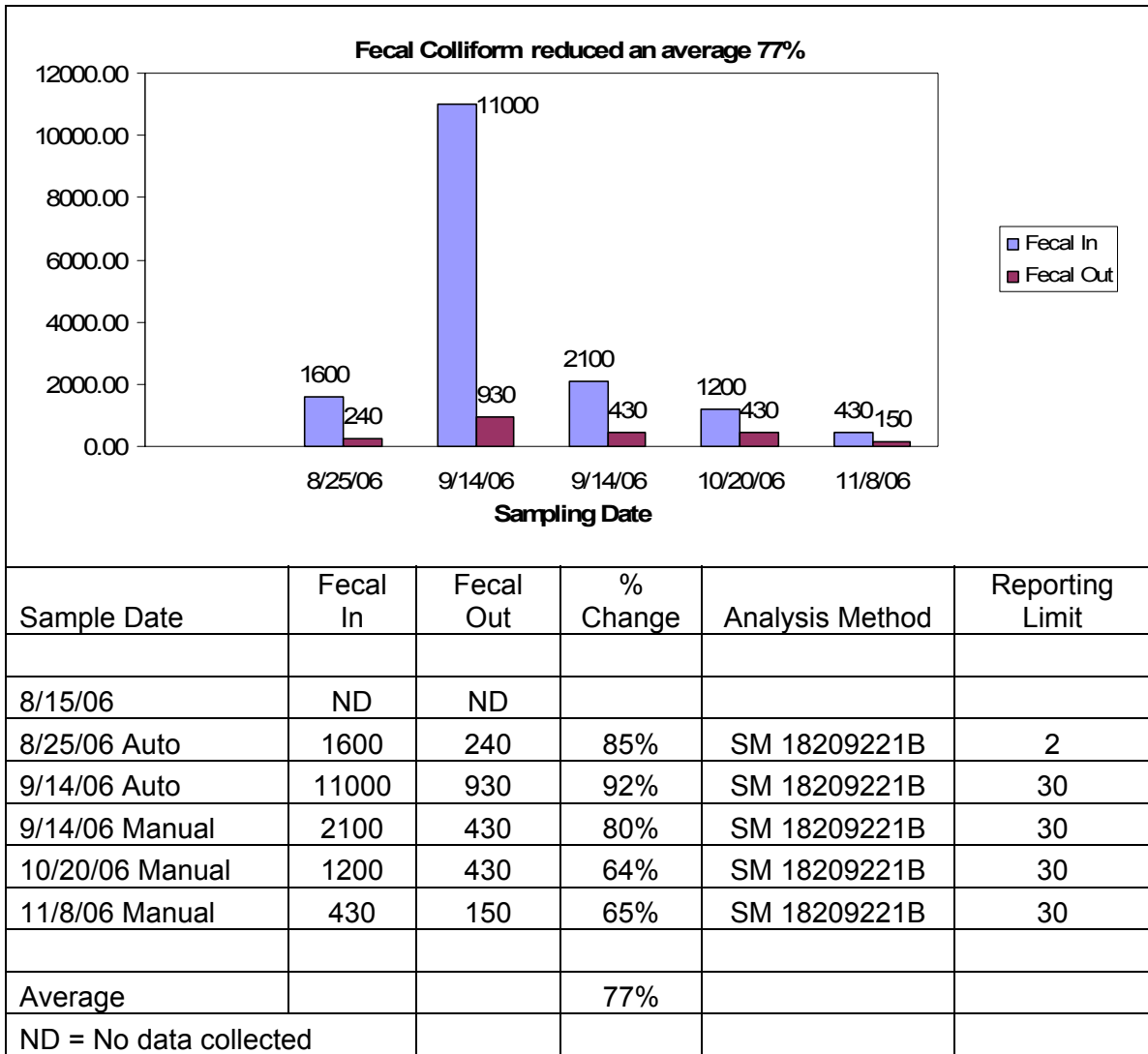


Table C: Fabco Industries, StormBasin: effectiveness on Enterococci bacteria

