



CITY OF ATLANTA

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CARDOLYN JACKSON
CLERK

DEPARTMENT OF WATER
AND POLLUTION CONTROL
CARDOLYN HARDY OLSEN, P.E.
Commissioner
BUREAU OF WATER
ROBERT B. RIVERS
Director

February 28, 1992

Mr. Harold Stiefel
Vice-President
International Marketing
Acqua Smart
1316 Logan Circle, N. W.
Atlanta, Georgia 30318

Re: Seaquest

BUREAU OF WATER TEST REPORT

Test Procedures -

To evaluate Seaquest, we obtained three twelve foot sections of 6" diameter pipes which had been in service for several years. The interior of the pipes was completely covered with tubercles formed by various components such as trace metals, calcium carbonate build-up etc. Much of the build-up exceeded 1/2". Two of the pipes were connected and one was held as a "Before". Since we had no practical way to obtain filtered water which had no addition of phosphate compound, we used river water for the test. Seaquest was added at 1 mg/l and a trace of chlorine was added to prevent bio-mass formation. The flow rate was 44 gpm.

Findings -

During the 9 weeks of the test, the effluent from the pipes appeared clear. When the pipes were opened and the sediment flushed out, it appeared that about 80 - 90% of the deposits were removed. About 30% of the original pipe wall was exposed and clean. A large amount of sediment in the pipe was settlement of the turbidity particles from the river water. The effluent valve connecting nipple and gate valve were rusted on the upper portions where no water was contacting the insides. The lower walls in contact with the water were clean and devoid of rust.

Sincerely,

Robert B. Rivers
Director