



DEPARTMENT OF PUBLIC WORKS
CITY OF **CORAL SPRINGS** FLORIDA

UTILITIES DIVISION
9551 WEST SAMPLE ROAD
CORAL SPRINGS, FL 33066
(954) 346-2161

June 12, 1997

Michael R. Hinson
Trac Ecological Products of USA
2000 Tigertail Blvd. Building #8
Dania, Florida 33004

Dear Mr. Hinson:

Situation:

720 Ft. Sewer Force Main

4 Inch. Cast Iron Pipe

10 HP. Flight Pumps. Running at 10 psi.

System pipe was cleaned using Trac 1204 Descaler in a circulated manner from an inflated balloon pass-through at the street manhole to a flange fitting at the lift station and back via 1-1/4 inch hose to Trac's pumps. The time period used was 8 hours.

After Cleaning

Flight Pumps ran at 8 psi. Showing a reduction of 20% in total dynamic head, resulting in a significant reduction in run time for the pumps. The internal camera video shot after cleaning showed a very clean line with no mechanical damage as is possible with other methods. The camera could only be inserted a couple of feet prior to cleaning.

The City of Coral Springs is pleased with these results and is awaiting future applications.

Sincerely,

David C. Moore
Field Operations Supervisor