

CITY OF DELRAY BEACH



ENVIRONMENTAL SERVICES DEPARTMENT

434 SOUTH SWINTON AVENUE • DELRAY BEACH, FLORIDA 33444
407/243-7300 • FAX: 407/243-7060

1993 December 15, 1997

TO WHOM IT MAY CONCERN:

Sub: Lime Cleaning

The City of Delray Beach's Water Treatment Plant has been working with Trac Ecological Products since May of 1997, using their new chemical treatment to de-scale lime sludge blowdown lines and drains. In May of 1997, they completed 45 feet of 6" blowdown line that had a 2" scale buildup on our Eimco clarifier and 142 feet of 4" drain line in our lime slaker room. This line was completely plugged solid with only a 3/4" opening. Both systems were cleaned back to original size.

In September of 1997, Trac cleaned 37' of 10" blowdown drain on clarifier #3, which had a 2" buildup of scale. They used a modified chemical and jet nozzle process that removed 90% of the existing scale successfully. Our lime softening process had been in service since December 1992, so the buildup was a five year growth. We are now cleaning the clarifiers on an annual basis and will be using this process to keep our scale buildup under control.

Trac has been a vendor that wants to help solve our scale problem and maintain the system. They were very easy to work with. If anyone would like to view the post videos of their work, you may contact me at (561) 243-7318.

Sincerely,

A handwritten signature in black ink, appearing to read "Don Haley".

Don Haley,
Manager of Water Treatment Plant

DH:dk

cc: trac.doc

THE EFFORT ALWAYS MATTERS