

MEMORANDUM

To: Board of Directors
From: Gary B. O'Connell, Executive Director
Date: August 12, 2010
Re: GIS and Sewer CCTV Presentation - Maintenance
cc: James M. Bowling, IV

As part of our ongoing efforts to make the Board aware of some of our operational best practices, we will be doing a brief presentation on another use of our Geographic Information System (GIS). We will focus on how our sewer crews are using Closed Circuit Television (CCTV) pipeline inspection equipment to evaluate the condition of the sewer system, and where Infiltration and Inflow (I/I) may be occurring.

The camera (CCTV) looks like a small TV robot that, under control, goes through the sewer lines and visually inspects and records each line section for any defaults. We have two trucks and crews out daily inspecting our system. All of this is televised and the data recorded in our GIS mapping and computerized database. The information from the inspections gives us a basis for scheduling our I/I reduction program, repairs, our sewer rodding and vacuum/flushing preventive maintenance efforts, and capital project line rehabilitation or replacement.

Board Action

No Board action is required at this time.

GBO/dbh