



North American Society for Trenchless Technology
2007 No-Dig Conference & Exhibition



San Diego, California
April 15-20, 2007

Paper E-2-05

OPTIMIZATION OF SEWER INSPECTION AND CLEANING PROGRAMS USING ZOOM CAMERA TECHNOLOGY

Prasad Samarakoon,

¹ PWS-Utilities, City of Waterloo, Waterloo, ON

ABSTRACT: The City of Waterloo cleans approximately 85 km and CCTV inspects approximately 35km of sewer mains ranging from 200mm to 825mm each year. In an effort to reduce costs and the possible detrimental effects of high pressure flushing, the City conducted an analysis of the effectiveness of using zoom camera technology as a pre-inspection tool to determine the need to employ cleaning and in-line CCTV inspections. This presentation provided the results of this analysis