Abstract

Large portions of San Diego's sewer system have been in use longer than they were designed for. Aging sewers have been posing serious problems in recent years. Structural failures and root invasion have caused them to fail, become blocked, and overflow, resulting in hazards to public health, beach closures and contamination of endangered species habitat. A program to inspect these sewers and manholes was implemented utilizing ArcGIS and custom ArcPad applications along with the functionality of Microsoft Access to collect inspection data, generate statistics, and publish meaningful reports. This paper discusses the general and technical aspects of this program.

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