

## **Title: Sewer Infrastructure Inspections and Rehabilitation – So Many Options!**

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With limited resources and competing demands for those resources, municipal staff are, more now than ever before, being pulled in numerous directions to meet multiple, and sometimes conflicting, demands. On a daily basis, highly motivated and professional municipal staff strive to satisfy all of the public, political, regulatory and internal support needs of their organizations.

It is in this environment that municipal staff are tasked with preparing specifications for projects and/or contracts that they hope will best serve the needs and expectations of their stakeholders. With so many vendors and contractors in the marketplace, it can be overwhelming to stay abreast of the latest industry advancements and opportunities while simultaneously meeting all other stakeholder needs.

A practical approach for municipalities is to secure an expert, unbiased and independent review of their sewer infrastructure inspection, condition assessment and rehabilitation needs that fully considers the applicability of all available technologies and/or products. This approach ensures municipal staff obtain the best solution for each particular circumstance and avoid costs associated with unnecessary or inappropriate technologies. All technologies and products have a role to play but no one solution will fit every problem.

In this presentation, A.E will outline its on-going training program where municipal staff and product suppliers are brought together to review and discuss owner’s needs and suppliers resources. The training objective is to present new technologies and products in a completely open and transparent way so that both users and suppliers can develop a better understanding of each other’s needs. A recent case study will be used to illustrate the program.

Source One Environmental’s (S1E) PipePatch system was showcased at a recent A.E training session. This system offers a no-dig, trenchless pipe rehabilitation solution for large diameter pipes (up to 1800 mm). An alternative to ‘dig and replace’ methods, the PipePatch product line challenges traditional pipe repair methods as an efficient long-lasting solution that meets NSF standards, ICC-EW-PMG standards, and is environmentally friendly. S1E will provide an overview of how PipePatch can be used to effectively repair isolated areas that require rehabilitation; thereby expediting repairs and reducing labour and costs in comparison to full section linings.