

# **SPIMA**

**Sewer Pipe Inspection & Management Association**

**Thursday, April 16, 2009**

# SPIMA

- Primary Goals:
  - i. Establish Practice which can be used by industry.*
  - ii. Establish Certification & Training*
  
- Initiatives to date:
  - i. Committee formation (Multi Stakeholder) Dec. 2008**
  - ii. Establishment of Industry Support (Private & Public)**
  - iii. Engaged Legal opinion**
  - iv. Initiated Project to Identify Standard of Practice**
  - v. Communicating with other Industry Groups**
    - a. National Water/Wastewater Benchmarking Group**
    - b. National Round Table for Sustainable Infrastructure**
    - c. Infrastructure Canada**
    - d. CSA**
  - vi. Web Site Launch**

# Committee Members

**(6 Municipal, 2 Contractor, 1 Supplier, 2 Consultant, 2 CATT)**

- Kevin Bainbridge – City of Hamilton - Chair
- Frank Badinski – Region of York - Vice Chair
- Dave Crowder – RV Anderson - Secretary
- Mark Knight – University of Waterloo - CATT
- Harry Krinas – City of Hamilton
- Jamie Hannam – Halifax Water
- Prasad Samarakoon – City of Waterloo
- Tim Henry – City of Abbotsford
- Kim Lewis Sr. – Liquiforce
- Bruce Noble – PipeFlo Contracting
- Brian Ratchford – DM Robachaud
- Andy Dalziel – Stantec Consulting
- Ross Homeniuk – AECOM Canada
- Frank D'Andrea - Ratech

# SPIMA Project to Identify Options for Standard of Practice

1. Review of current and pending technical standards from North America and abroad
2. Discussion with industry group stakeholders to identify opportunities for alignment and collaboration.
3. Develop a Sewer Condition Coding and Assessment Standard consistent with best practice and stakeholder needs.
4. Legal Position Paper

# Industry Partners

- **NRTSI**  
(National Round Table of Sustainable Infrastructure)
- **NWWBI**  
(National Water/Wastewater Benchmarking Initiative)
- **INFC**  
(Infrastructure Canada)
- **CSA**  
(Canadian Standards Association)
- **ISTT**  
(International Society for Trenchless Technology)

# CSA Project

- **Canadian guideline or standard addressing common terminology for municipal sewer defect and distress coding**
- ***Provisional Proposal for a Deliverable under the CSA Municipal Infrastructure Solutions Program (MISP)***

- **I. Statement of need:**

Canadian municipalities and related stakeholders have expressed concern over a lack of consistency across jurisdictions in terminology for municipal sewer defects and distress.

- **II. Opportunity for action:**

Through CSA's MISP, the opportunity exists to bring interested Canadian stakeholders together in order to reach consensus on the content of a Canadian national guideline on sewer defect and distress coding.

- **III. Potential inclusions within the scope of the proposed publication:**

- ✓ A body of common language/ terminology for the identification of defects and distress in municipal sewer systems
- ✓ If/where necessary, enumerate within appendices specific regional deviations and/or unique local requirements by individual jurisdictions, along with rationale
- ✓ Identify common requirements related to competency and certification of the personnel who conduct inspections and who identify defects (where possible)
- ✓ If/where necessary, identify where competency or certification requirements must be uniquely defined by individual jurisdictions

## IV. Likely exclusions from the scope of the publication:

- ✓ The document is not intended to address condition assessment methodologies such as:
  - \*condition information compilations and analyses
  - \*triggers for specific intervention activities
- ✓ The document is not intended to address implementation tools such as those being developed through “State, performance and measurement of Canada’s core public infrastructure,” a NRTSI-NRC initiative

- **V. Anticipated benefits of the publication include:**

- Common terminology for use across Canada (with annexes for local deviations where necessary)
- Improved quality and consistency of requirements for sewer inspection service-providers
- Lower administrative and procurement costs for municipalities
- Potentially lower training and/or personnel certification costs via the eventual development of standardized training and testing requirements

- **VI. Intended users of the publication are:**

Identifying the key user categories for this publication – Engineers? Technicians? Trades? Municipal employees only? Consulting firms? Etc)

- **VII. Potential reference sources:**

- ✓ The publication will adopt, adapt or reference content from already available, and proven international and Canadian sources.

- ✓ The NWWBI recently concluded an environmental scan that describes the current state of practice across the country in relation to sewer defect and distress coding. This particular piece of work should be an extremely beneficial input to the work

- **VIII. Listing of the stakeholder / Interest groups that must be involved in the development:**

- ✓ Identify the names of specific stakeholders or interest groups that should be included on a Task Force)

# SPIMA

## Next Steps

- Register SPIMA as National non-profit organization
- Work with CSA & NRTSI
- Move forward with Re-development of practice & Establish training by the end of 2009
- Continue to build a contact database for all people interested in attending future discussions, meetings and information/updates or get involved.
- Continue Building Support for the formation of a Canadian Association
- To discuss the future role of Association
  - ✓ Partnerships

# **SPIMA**

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