KEYHOLE PROGRAM MEETING & DEMOS

Location: Gas Technology Institute
1700 South Mount Prospect Rd.
Des Plaines, IL  60018        Phone: (847) 768-0500

Spring 2013 Meeting Agenda – April 24 & 25

Wednesday, April 24th

7:30 am – 8:00 am  Coffee and rolls

8:00 am – 8:45 am  Welcome and Introductions
• Review Antitrust Compliance
• Self- introductions, recognize any guests
• Review meeting agenda and solicit additional items to add to agenda
• Circulate roster; update members’ contact information

8:45 am – 9:15 am  Keyhole Program Overview
• GTI Keyhole Program Initiatives
• Review and status update of program goals

9:15 am – 10:00 am  Avista Utilities (DIMP related)
• Recent replacement programs – Aldyl A and service tees
• Performing tee mitigations through keyholes
• Additional keyhole activities to support replacement programs

10:00 am – 10:15  Break
10:15 am – Noon  Training and Education
• Review training needs
  o Various audiences
  o Training topics
  o Types of training needed
  o Vehicles / Channels of training
• GTI to review training thoughts
• Group to brainstorm on training (who, what, where, how, etc.)

ACTION – Attendees to bring to meeting thoughts on training needs and best ways to meet these needs

12:00 pm - 1:00pm  Lunch

1:00 pm – 1:30 pm  Training Continued
• Review training brainstorming items
• Group to identify training initiatives and objectives
• Reference guide book to support keyhole initiatives?
1:30 pm – 2:15 pm **Keyhole Outreach**
- Review recent Keyhole presentations
- Upcoming Keyhole presentations
- LMK – Keyhole sewer clean out through a vacuum excavation
- Discuss other opportunities to increase the knowledge, acceptance, and use of keyhole

2:15 pm – 2:45 pm **Keyhole Online and Digital Media**
- Review various online Keyhole content
  - GTI and member websites
  - Videos
  - LinkedIn
  - Other
- Quarterly Email blasts (need input/content from members)
- Discuss additional media needs and actions to take

2:45 pm – 3:00 pm Break

3:00 pm – 3:30 pm **Coating and Wrapping in Keyholes**
- Review of latest coating and wrapping evaluations
  - GTI
  - Trenton
  - Tellus Underground
- Discussion of future needs

3:30 pm – 5:00 pm **Presentations and Demonstrations**
  - Indoor- Tellus Underground
  - Utilicor – latest coring technologies and practices
  - Kravitch Machine Co
  - Jameson – Locating unlocatable PE pipe
  - TT Technologies
  - Utility updates
  - Other presentations and demos by manufacturers

5:00pm **Adjourn Day 1 Meeting**

6:00 pm – 7:00 pm Happy Hour at the Residence Inn

7:10 pm – 7:30 pm Drinks & Appetizers at Gino’s East

7:30 pm – 9:30 pm Group Dinner: **Gino’s East**  Phone (773) 444-2244 8725 W Higgins Rd. Chicago, IL
Thursday, April 25th

7:30 am – 8:00 am  Coffee and rolls

8:00 am – 8:45 am  Utility only roundtable discussions (select presentations based on requests)

- DIMP Related Topics -

8:45 am – 9:15 am  Water Research Foundation – Pipe Integrity Evaluation in LA
  • BEM inspection through keyholes
  • Review latest BEM keyhole application tool
  • Discuss field evaluation of 6” water pipe in LA

9:15 am – 9:45 am  Keyhole to Support DIMP and other Integrity Needs
  • Review Aldyl A evaluation possibility through keyholes
  • Discuss other opportunities for keyhole to support utility integrity management needs
  • Cygnus gauge through keyhole to determine wall thickness
  • Fittings to launch a camera through steel pipe without damaging cable?

9:45 am – 10:15 am  Jurisdictional Approval
  • Review Municipality support of keyhole
  • GIROW update
  • Other recent acceptance wins or issues?
  • Discuss efforts by others (utilities)
  • Third party damage from traditional and trenchless excavations
    - Potholing to verify utility locations
    - Laws requiring this?
    - Discuss recent incidents including, Kansas City, Royal Oaks MI, and others.
  • Presentations to state one call meetings?

10:15 am – 10:30 am  Break

10:30 am – Noon  Soil Compaction in Keyhole and Traditional Excavations
  MBW Soil Compaction Supervisor
  • Review the identified needs of the SCS from MBW and ConEd
  • Discuss the needs of utilities regarding compaction
  • Options to verify compaction to meet municipality needs (alternative to nuclear densitometer)

Mitigating Residual Gas in the Ground
Various practices and technologies to address residual gas
• Review various technologies used (air movers, vacuum excavation, VEU, etc.)
• Discuss issues
• Identify potential project to review techniques, practices, and efficiencies.

**Keyhole and Contractors**
• Discuss the latest success and issues with utility contractors implementing keyhole coring
• What is needed to continue the implementation of keyhole with our contractors?

**Round Table Discussions**
• Group discussions on keyhole and other items
• Brainstorm on keyhole needs (tools, practices, jurisdictional issues, equipment, contractors, etc.)

**ACTION** – Participants to bring to the meeting needs and issues that they have

**12:00 - 1:00 pm**  
**Box Lunch**

**1:00 – 2:30 pm**  
**Keyhole Meeting (Cont.)**

**Brainstorm (continued)**
• Review submitted needs and issues submitted by attendees
• Prioritize needs and issues in order to focus future initiatives

**Keyhole Group Discussion**
• Discuss current and future keyhole outreach efforts and methods.
• Review and identify efforts for assisting with implementation of new technologies.
  o Needs, Issues, Developed Solutions, Next Steps
• Identify future priorities for Keyhole Group based on needs identified
• Next meeting planning and funding for next two years of program

**2:30 pm**  
**Adjourn - THANK YOU!**