

Please Join Us... **Jun 13th, 2017**

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Date

Tuesday, June 13th

Location

Zio Fraedo's Restaurant
611 Gregory Lane, Pleasant Hill, CA.
(925) 933-9091

Time: No Host Bar 5:30 pm • Dinner 6:30 pm • Program 7:15 pm

**Cost: \$15 NACE members, NACE retirees, and students.
\$25 non-members**

Please RSVP by Thursday, June 8th by email to Michelle Anderson at MichelleA@accuratecorrosion.com, or by phone at (925) 719-1285.

Cancellation deadline is Friday, June 9th.

Visit the Section Website at www.nace-sf.org

**INTEGRATING ACOUSTIC INSPECTION INTO SEWER
ASSET MANAGEMENT PROGRAMS**

George Selembo, PhD, PE – InfoSense, Inc.

Preliminary acoustic inspection of sanitary sewer lines was developed as a concept over 10 years ago as part of collaboration between Charlotte Mecklenburg Utilities and the University of North Carolina – Charlotte. The resulting commercial product from this effort is the Sewer Line Rapid Assessment Tool (SL-RAT®). This patented technology can quickly determine the extent of blockage in a pipe and enables the user to deploy cleaning resources much more effectively. There are more than 160 customers using this technology worldwide and over 60 million feet of pipe have been inspected.

Results from acoustic inspection show that 70% of pipes on average receive a "Good" score, indicating no immediate risk of blockage or overflow. This creates a significant opportunity to re-allocate resources to help avoid "cleaning clean pipe". It's important to note that acoustic inspection does not replace cleaning or detailed inspection, it helps to prioritize where and when to use more expensive resources. The impact of integrating this tool into asset management programs has been tremendous. Municipal operators are seeing both better performance (reduced SSOs) and lower operating costs. Economic analysis and productivity measurements will be presented that evaluate the effectiveness of using this preliminary inspection tool. Limitations of the technology will be reviewed as well, so that an understanding of what acoustic inspections can do (and what they cannot do) will be developed. Multiple case studies will be presented that show effective use of the technology as part of an asset management program.

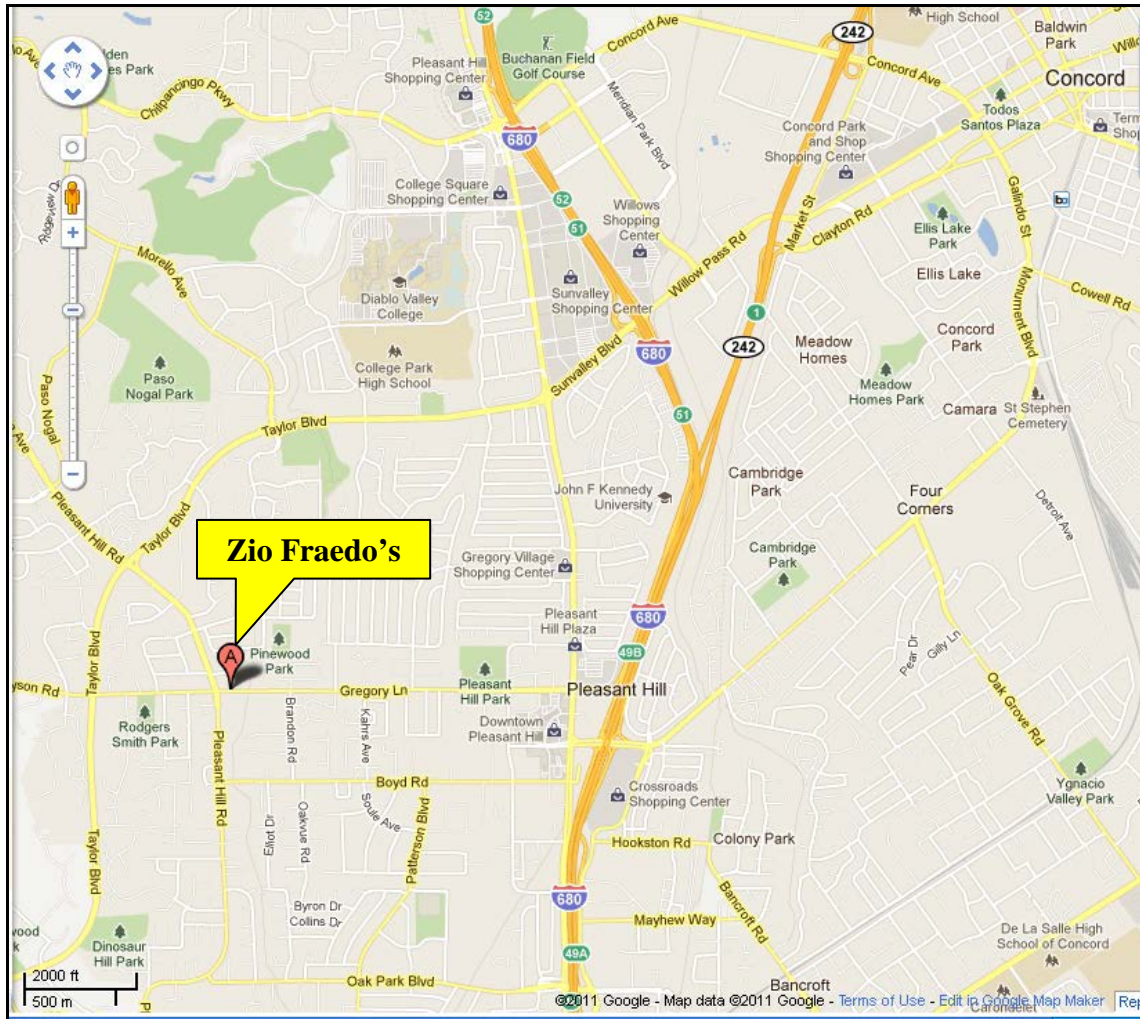
Speaker bio:

George Selembo is the CEO and a co-founder of InfoSense, manufacturer of the award winning Sewer Line Rapid Assessment Tool. George has a PhD in Chemical Engineering and MBA from Penn State University; he is a professional engineer in Pennsylvania. He has over 20 years of experience in wastewater applications with a focus on bringing new technology to the industry

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Corrpro	Mesa	West Coast Consulting
CSI Services	NorthTown Company	
Dampney Company Inc	Northwest Pipe Company	

San Francisco Bay Area Section Meeting Location and Directions



Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091

Directions

- Take I-680 north to Contra Costa Blvd. Exit 49A in Pleasant Hill and drive north. Pass Monument Blvd. then turn left onto Gregory Lane. Pass Brandon Rd. on left in 1 mile. Look for Zio Fraedo's on the right just before Pleasant Hill Rd.
- Take I-680 south, exit at Sun Valley/Willow Pass Rd. Drive west and turn left on Contra Costa Blvd., then right on Gregory Lane. After 1 mile drive past Brandon Rd. on the left; Zio Fraedo's will be on the right before Pleasant Hill Rd. intersection.