

## BURIED AND UNDERGROUND PIPING AND TANK INTEGRITY (UPTI) PROGRAM OWNER TRAINING

### CONTACT INFORMATION

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### CLASSROOM INSTRUCTORS

The instructors are previous utility UPTI Program Owners and have more than 30 years of experience in this area. Instructors are also the authors of the original and revisions of the BP and UPTI Initiatives and NEI 09-14.



### INTENDED AUDIENCE

True North Consulting provides UPTI Program Owner training for both the new Program Owner and requalification for existing qualified Program Owners. This training and the instructors can provide FAC training for Level 1, 2, and 3 Engineers.



### TYPE

True North Consulting offers this as classroom training.



### DURATION

3.5 Days

## TERMINAL LEARNING OBJECTIVES

The key learning objectives will cover the following technical areas:

1. History of Buried and Underground Piping and Tanks
2. Key Elements of an Effective UPTI Program
3. Responsibilities and Interfaces for the Program Owner
4. Procedures, Instructions, and Industry Documents
5. Identification of Buried and Underground Piping
6. Risk Ranking
7. Soil Sampling
8. Cathodic Protection
9. Coatings
10. Selection of Inspection and Examination Locations
11. Examination Tools
12. Inspection Tools
13. Excavations
14. Evaluation of Coatings
15. Fitness for Service
16. Buried and UPT Piping Materials
17. Piping Repairs

## KEY INDUSTRY DOCUMENTS

1. NEI 09-14, Guideline for the Management of Underground Piping and Tank Integrity
2. Nondestructive Evaluation
3. Buried Pipe NDE Reference Guide
4. BPIG Position Paper #01
5. Guidance for the Development of Buried and Underground Piping and Tanks Asset Management Plans
6. BPWORKS (Latest Version)