

The Northern California Pipe Users Group (PUG) is pleased to offer a special one-day training course on:

Practical Considerations for Pipeline Design and Construction

Thursday, November 13th, 2025
8:00 a.m. to 5:00 p.m.

Location:
Central Contra Costa Sanitary District's Training Room
5019 Imhoff Place, Martinez, CA 94553

General Course Information:

Description

This training opportunity is great both for industry newcomers and industry veterans alike. The seminar will cover several aspects of pipeline design and construction from data collection, installation methods, standards and specifications, to project management, inspection and contract administration. The seminar will also offer ample time for Q&A. **Breakfast and lunch will be provided!**



Please visit the following link for registration and pricing information:
<https://norcalpug.ticketspice.com/norcal-pug-2025-fall-training-event>

All registrations shall be made at the link above. Payments can be made by credit card or check per the instructions on the registration site.

Please plan to join us for a networking event at Headlands Brewing immediately following the training!

2999 Oak Road, Walnut Creek, CA 94597

(Training attendance not required to attend the networking event)

Course Instructors:

Nancy McWilliams, PE

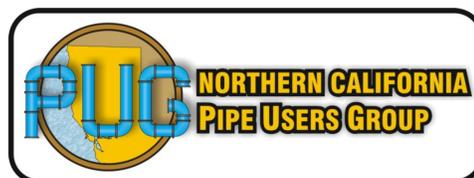
Nancy brings nearly 40 years of experience in infrastructure design and construction. Her primary focus for the last 20 years has been pipeline design including open cut and trenchless construction in both the public and private sector. She is currently a District Engineer for Solano Irrigation District overseeing pipeline design for in-house construction, managing pipeline construction projects built by contractors, development review, CIP management and engineering support for maintenance and operations.

Adam Brown, PE

With nearly two decades of experience, Adam is a civil infrastructure design engineer specializing in pipeline design/rehabilitation and civil site design. With broad experience working for both public agencies and private developers, he has prepared plans, specifications, and cost estimates for a variety of projects throughout Northern California and has also assisted with Construction Management and Inspection activities. Adam currently plays a key role leading BKF's Water Resources group, managing projects and serving clients to help tackle a wide range of technical challenges related to water, sewer, and stormwater projects.

Michael Jaeger, PE

Michael Jaeger is a principal founder and construction manager at Tanner Pacific, Inc. and brings over 35 years of project and construction management experience to the leadership of the firm. He has delivered over 50 wastewater treatment facility and conveyance projects throughout Northern California, utilizing both traditional and collaborative delivery methods. Mike is a certified partnering facilitator and has proven experience to foster an inclusive team across all stakeholders providing value to the project and its owner by identifying and resolving issues and leveraging opportunities.





Practical Considerations for Pipeline Design and Construction

(final topics are subject to minor changes prior to the event)

Morning Session Design

CHECK-IN / BREAKFAST 7:30 TO 8:00AM

8:00—9:45 AM Design Elements

- Data Collection
- Alignment Selection
- Right-of-way
- Material Selection
- Installation Methods
- Basis of Design

9:45—10:00 AM BREAK

10—11:45 AM Construction Documents

- Drawings
- Specifications
- Standard Specifications
- Quality Management

11:45 AM — 12:00 PM Q&A

Afternoon Session Construction

LUNCH 12:00 TO 1:00 PM

1:00—2:45 PM Construction Management

- Partnering
- Managing Schedules
- Managing Submittals
- Prevailing Wage & Buy America

2:45— 3:00 PM BREAK

3:00—4:45 PM Construction Mgmt Con't

- Inspections & Reports
- Unforeseen Conditions
- Force Account
- Change Orders

4:45— 5:00 PM Q&A

