

MEETING MINUTES

Aug 12, 2025

In-Person Meeting

ATTENDEES: See Attachment 1 for copy of attendee list

Announcements and General Business:

Dustin opened the meeting and provided the following announcements.

1. Participant introductions
2. Reminded the group about signing up for monthly presentations.
 - a. Membership is \$400 per organization, and you can send as many people as you want to monthly meetings. Membership also provides a link to your firm on our website and reduced fees for our annual training in the fall and our annual seminar in February.
3. Call for PUG Presentations
 - a. If you'd like to present, we are scheduling for Jan 2026, plus a last minute opening for Sept 2025.
4. Annual seminar abstract submissions are currently due/open!
5. Upcoming conference dates:
 - a. USEI (ASCE) PIPELINES 2025 - Tampa, Florida, August 9-13 2025.
 - b. CWEA Contra Costa Sanitary District. Collection System Open House -Training Seminar, August 13th 2025.
 - c. WESTT Seminar, Scottsdale, Oct 15-16.
 - d. NASTT No-Dig North 2025 - Vancouver, BC, October 27-29, 2025.
 - e. PUG Training - November 2025, more info to come!
6. James Kohne provided a recap of July's monthly presentation (7 deadly sins of data collection).
7. Adam Brown provided the financial summary report.
 - a. End of June \$81,801.92
 - b. Total Income, \$9,412.15
 - c. Total Expenses, \$1,466.49
 - d. Remaining balance, \$89,747.58

Attendee Announcements and Project Discussions:

- NASTT 2026 will be in Palm Springs. Municipal scholarship is open.
- WEFTEC is beginning of Oct, in Chicago.
- Fidel talked about a recent bid opening/results for a Delta Diablo project (vault structural rehab)
- Recently finished HDD FM project – City of Richmond changed their paving repair requirements to include full depth grind and place. 40% increase in restoration cost. Very difficult to work with on encroachment permits/traffic control.

Minutes by James Kohne, Woodard & Curran
Secretary, Nor Cal PUG

Page 1 of 4

2025 NASTT No-Dig Conference Recap provided by Adam Brown

Reviewed the following 4 presentations:

1. Close pipe slurrification of AC pipe.
2. Trenchless Replacement of Distribution Watermain in North Branch, Minnesota
3. Pipe Bursting Provides Solution for Difficult Ductile Iron Force Sewer Main Replacement in Minnesota.
4. Key Takeaways from WSSC Water Pilot Project: Proving Pipe Bursting for Water Mains

Presentation:

“West County Wastewater’s Clean and Green Upgrading to the Future”, by Guyton Durnin (HDR).

Overview:

West County Wastewater’s (WCW) 60-year-old 12.5 MGD wastewater treatment plant being upgraded using a progressive design-build (PDB) contract. This project aims to reduce energy consumption and GHG emissions, improve operational safety and efficiency, and improve the quality of the biosolids produced. Consistent with the vision and strategic goals, this project will result in the development of sustainability upgrades that support WCW’s strategic initiatives to adopt infrastructure maintenance and modernization strategies that maximize performance, reduce risk, and ensure reliable service in collaboration with local, regional, and national partners to further the mission of WCW.

Highlights from the presentation include:

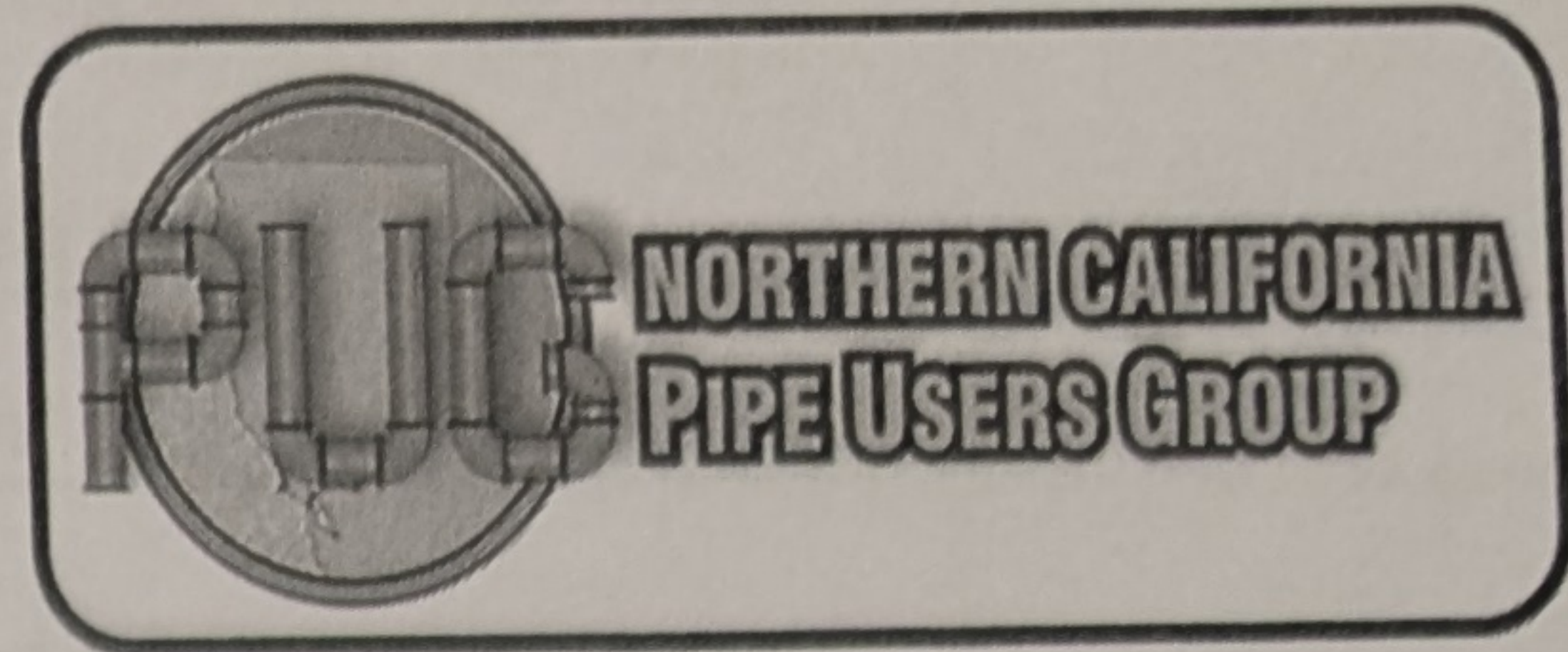
1. Introductions
2. Outline
 - a. Project Overview
 - b. Progressive Design Build (Optera Services)
 - c. AWWA D110 Type I Prestressed Concrete Digesters
 - d. Q&A
3. WCW overview:
 - a. General
 - i. Secondary expansion to handle 12.5 avg MGD.
 - ii. Had old tanks that were very robustly build that needed to be removed.
 - iii. Synegro did they dewatering (5 years at this point). ~\$2-4 M/yr.
 - iv. Use of drying beds means big reduction in methane releases.
 - b. Resiliency and Outages
 - i. Power outages on the rise (from 2018-2019). Project will have emergency backup power available when completed.
 - ii. Communities forced to adapt.
 - iii. Relevant funding sources available
 - c. Clean and Green
 - i. Battery storage, new digesters, RDTs (rotary drum thickener with polymer addition) replace DAFTS (dissolved air flotation), new blower, solids building, cogeneration facility and flare, headworks upgrade & carbon redirection, sludge staging tank
 - d. Project Benefits
 - i. Increased power resiliency and reliability
 - ii. Reduction in GHG emissions (~93% reduction)
 - iii. Reduction of annual utility power cost (\$4.2M kWh/yr and \$83M project savings)
 - iv. Be a community leader for sustainability and resiliency.
 - e. Why is WCW Doing this? Comprehensive Climate Resiliency Upgrade Plan
 - i. Install sewer pipe to reduce I&l
 - ii. Construct the clean and green project

- iii. North Richmond Living Levee project to protect investments
 - f. New Aeration Blower Successfully Started Up
 - g. Component Review
 - i. Construct new EQ Basin – delayed a year due to a big storm
 - ii. New Digesters and Solids Building
 - iii. Planned Resiliency and PV (Battery storage system, cogen, solar, generator)
- 4. Progressive Design Build Contract Considerations
 - a. Challenges on Clean and Green Project
 - i. Design Build w/an ESCO – moving quickly
 - ii. Construction staff new to WWTP work
 - iii. Storms and keeping the plant operational. Plant must stay operational at least 12 hr shutdown.
 - iv. Poor/limited as-builts
 - v. Construction impacts plant operations and visa versa
 - vi. Permit impacts and outside agencies (BAAQMD and PG&E interconnects)
 - vii. Communication and coordination
- 5. Q&A
 - a. What is “ESCO”? It’s an Energy Services Company (they’re they prime - Optera)
 - b. What this your first PDB? Yes, and had a steep learning curve. Know what you can do and what you can’t do at particular times of the year. Created a “shutdown notice”.
 - c. How did you manage deliverables? Started by system, but switched to component
 - d. Did you get legal council and OA? Yes, both. Process took 1 year just to set up.

Next Meeting:

The next general meeting will be at the Brown & Caldwell office on Tuesday, August 12th, 2025. Due to a last-minute scheduling change, the presentation topic is TBD.

Please email pugnocal@gmail.com for additional information.



Meeting Sign-In Sheet: August 12, 2025

Name	Company	Email Address	Present?
Dustin La Vallee	EBMUD	dustin.lavallee@ebmud.com	✓
Anika Young	AMERICAN	awyoung@american-usa.com	
Lisa Zou	Central San	lzou@centralsan.org	✓
Kevin Jim	EBMUD	kevin.jim@ebmud.com	✓
James Kong	Central San	jkong@centralsan.org	
Diego Soto Lopez	Central San	dsotolopez@centralsan.org	DSL
Nancy McWilliams	Solano Irrigation District	nmcwilliams@sidwater.org	✓
Sasha Mestetsky	CCCSD	smestets@centralsan.org	AS
kurt chirbas	Geotree Solutions	KURT.CHIRBAS@HENKEL.COM	KSC
Casey Smith	SAK Construction, LLC	csmith@sakcon.com	
James Kohne	Woodard & Curran	jkohne@woodardcurran.com	✓
Khang Nguyen	CCCSD	knguyen@centralsan.org	✓
Nancy Molina	CCCSD	nmolina@centralsan.org	
Mike Anderson	McGuire and Hester	manderson@mcguireandhester.com	
Ed Aldine	McGuire and Hester	ealdine@mcguireandhester.com	
Robert Speidel	City of Oakland, Wastewater Engineering Division	rspeidel@oaklandca.gov	
Anna Chun	Contra Costa Water District	achun@ccwater.com	✓
Jason Fitch	CCCSD	jfitch@centralsan.org	
Christopher Rodriguez	Central Contra Costa Sanitary District	crodriguez@centralsan.org	✓
Akira Kaku	EBMUD	akira.kaku@ebmud.com	✓
Andrea Bautista	CCWD	abautista@ccwater.com	✓
Maribel Gibson	Contra Costa Water District	mgibson@ccwater.com	✓

Travis Packer RINKER
 Keith Reynolds WCW
 Alexandra Watson

Travis.Packer@rinkerpipe.com ✓
 kreynolds@ccwd.org
 hydroscience Eng. ✓

Tau zhey	EBMUD	tau.zhey@ebmud.com	✓
Weili Du	Central Contra Costa Sanitary District	wdu@centralsan.org	✓
Maggie Mei	EBMUD	mmei@ebmud.com	✓
Bao Nguyen	Alameda County Water District	Bao.Nguyen@acwd.com	✓
Daniel Wilkins	West Valley Construction	dwilkins@wvcc.com	DU
Dorothy Bechler	Central San	dbechler@centralsan.org	DB
Max David	Delta Diablo	maxd@deltadiablo.org	
Demi Pacifuentes	Brown and Caldwell (Membership to be paid this week)	dpacifuentes@brwnald.com	
Tony Park	Lee+Ro	Tony.Park@lee-ro.com	✓
Dustin Rainey	Jacobs	dustin.rainey@jacobs.com	
Nayeli Basulto	Delta Diablo	nayelib@deltadiablo.org	✓
Rosie Delgado	Central San	rdelgado@centralsan.org	✓
Amelia Berumen	Central San	aberumen@centralsan.org	✓
Fidel Salamanca	Harris & Associates	fidel.salamanca@weareharris.com	✓
Joe Heavin	Shannon & Wilson	joseph.heavin@shanwil.com	✓
Kate Gibbs	West. County Wastewater	kgibbs@wccd.org	✓
Shea Herndon	West County Wastewater	sherndon@wccd.org	✓
Amelia Taylor	Structural Technologies-Pullman	ataylor@pullman-services.com	
Leo Gudina	Repcor	leo@repcor1.com	
Sean Williams	Delta Diablo	seanw@deltadiablo.org	✓
Stephanie Wong	Brown and Caldwell	swong@brwnald.com	✓
Alisa Tseng	Brown and Caldwell	atseng@brwnald.com	✓
Marjan Javanmard	City of San Jose	marjan.javanmard@sanjoseca.gov	✓
Amanda Lee	EBMUD	amanda.lee@ebmud.com	
Karen Lee	EBMUD	karen.lee@ebmud.com	✓
Adam Brown	BKF	abrown@BKF.com	✓
Alex Belles	SID	alexnbelles@gmail.com	✓
Max David	Delta Diablo	maxd@deltadiablo.org	✓
Emmanuel Gomez	Central San	egomez@centralsan.org	✓

~~Adana Zoro~~ CCCSD AZARO@centralsan.org
 Beatriz Lozano Shannon + Wilson beatriz.paulay@shanwil.com ✓
 Max Dickerson EBMUD max.dickerson@ebmud.com ✓
 Guybn Durbin HDR Guybn.Durbin@HDR.com ✓

