



IMPROVEMENT PROJECT AT THE SOUTHEAST WATER CONTROL PLANT IN SAN FRANCISCO

The [Public Utilities Commission](#) in San Francisco was looking to improve the wastewater treatment facilities at the [Southeast Treatment Plant](#). A new solids treatment, odor control, energy recovery, and associated process and maintenance facilities were a part of the plan.



The proposed 'Biosolids Digester Facilities' project will replace the outdated existing solids treatment facilities with more reliable and modern technologies. The new, state-of-the-art digesters and other equipment will produce higher quality biosolids, capture and treat odors more effectively, and maximize biogas utilization and energy recovery to produce heat, steam, and energy.

[Webcor Concrete](#) (as acting general contractor of the project) hired DN Tanks to tackle the construction of the Digester Tanks. [DN Tanks](#) brought Symons onboard early in the process to pre-engineer and design the forming of the concrete for the five digester tanks. Working closely with DN Tanks, our engineering team designed and utilized our standard Flex-Form® system with laser cut ribs to address the skirt walls, with assistance from Symons Technical Sales Representative, Blayde Penza.



They also put together a custom design to address the lower conical hopper and upper conical and cup. Using a series of custom steel and wood forms, they created a clean and precise concrete finish.

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...IMPROVEMENT PROJECT CONT'D

These were supported by a series of unique shoring tower configurations utilizing Hi-Lite aluminum frame shoring, Soldier Beam and bracing systems.

A project of this scope was not without its challenges: countless hours of design work, fabrication of the custom steel and wood forms, and procurement of five different standard fleet items to name a few. This required just-in-time delivery - no small feat with the resource and logistical issues our industry faces in our current environment.

Regardless of the challenges, the Symons team has provided world class customer service and engineered solutions, allowing DN Tanks to meet their demanding schedule and produce finished product results that Webcor Concrete and the San Francisco Public Utilities Commission required throughout the project.

A project of this size requires an amazing amount of teamwork from design through delivery. Many thanks to our design team of Ahmed Jumaili, Hector Olivas and Blayde Penza. Jobsite service and equipment coordination was handled by Patrick Clow and David O'Brien, with equipment procurement assistance by Amanda Engelke. Operations was overseen by Max Freedman and Jenifer Briggs took customer service to the next level. *No matter what the project entails, the team at Symons is ready to provide best-in-class engineered solutions that will keep your project on time AND within budget.*



Symons® Links:

[Symons Home Page](#)

[Soldier Beam](#)

[Hi-Lite Aluminum Shoring](#)

[Flex-Form®](#)

THE POWER OF RED™ RESIDES IN RUBIDOUX

Our Symons rental facility in Rubidoux, California has been servicing the forming industry for over 20 years. Located in the greater Los Angeles area, our team includes engineering, sales, customer service, as well as insightful warehouse staff to ensure seamless communication – we have over 300 years of combined industry knowledge in this one location!

The rental yard provides 20+ acres with easy yard access and organized systems. At any given time, we have 80% of our fleet ready to ship, our objective is 100% CUSTOMER SATISFACTION. Servicing the Pacific and Mountain Zones, as well as Hawaii and Alaska, our geographic footprint covers most of the western United States.

Forming rentals include:

- Max-A-Form® STS
- Steel-Ply®
- Flex-Form®
- Sym-Ply®
- Soldier
- Space-Lift®
- Drop Head
- Aluminum Shoring
- Backbone™



Proudly celebrating **6+ years with a safe track record**, the motto in Rubidoux is: *start safe, work safe, finish safe – our families need us.* We take safety seriously – for our team AND for our customers.

For more information on available forming rental services in Rubidoux, please call 951-224-8623 or contact your Symons Representative.

SYMONS WELCOMES BACK TRISHA MADRIGAL



Trisha was a former Symons team member for six years (from 2003 to 2009) and recently rejoined our team this past October as a customer service representative in our Rubidoux, CA facility.

She has been married to her high school sweetheart, Gary, for 31 years. They have three daughters and four grandchildren. As a big sports fan, Trisha loves the Raiders and LA Dodgers. She also enjoys traveling around the world, weekend getaways and riding with her hubby on their Harley.