



## **Press Release**

**July 27, 2015**

### **Pacific Aqua Technologies, Inc. (PAT) Selected to Treat Colored Water for the City of Signal Hill, CA**

Santa Fe Springs, California – Pacific Aqua Technologies, Inc. (PAT), a world leader and an international designer and builder of advanced water treatment systems is pleased to announce that it has been selected by J.R. Filanc Construction Co., Inc. – the Design & Build (DB) Contractor as part of a team to provide Design-Build services for the construction of a Nano Filtration (NF) Treatment Plant for Well No. 9 for the City of Signal Hill, CA. Tetrattech acts as the Owner’s Engineer whereas DB’s design engineer is Hazen & Sawyer.

The City’s water supply is primarily groundwater from the Central Basin supplemented by imported Metropolitan Water District water purchased through the Central Basin Municipal Water District. The City currently pumps from two wells located in the City of Long Beach. To meet the State’s goal of decreasing the need and use of imported water supplies and increasing the development and use of local water supplies, the City has completed drilling Well No. 9 but has not been placed into service because of color issues that will be addressed by this project.

The NF membrane trains will initially process 1,200 – 1,400 gpm of feed water from these wells and also designed for convenient expansion to enable processing of feed water flow of 1,800 gpm. Each NF membrane train will be configured as a three stage units with inter-stage booster pump before the third stage and partial recirculation of the concentrate stream to the suction of the inter-stage pump. The overall recovery rate of the NF units will be 98%.

PAT is proud to have been selected for this important project that will positively impact the City of Signal Hill for years to come, and we’re pleased that the skill and experience of PAT’s team enables us to serve customers with projects of this scope and complexity. By installing the new nanofiltration membranes facility, the City of Signal Hill will be able to treat colored water with a very effective and energy-efficient system able to produce 800 million gallon per year and increase the City high-quality water reliability, and reduce the need for more expensive, less available imported water.”

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## **About Pacific Aqua Technologies**

PAT is a water treatment system specialist in membrane treatment technology such as Reverse Osmosis (RO), Nano-filtration (NF), Ultra-filtration (UF), Micro-filtration (MF) and membrane-bioreactor (MBR). Though membrane desalination system is our core business, our team is comprised of a group of experienced engineers in the water & wastewater industries, this enables us to provide turnkey solutions to desalination plants and customers anywhere in the world.

Based in Santa Fe Springs, California with offices in Florida, New York, Bahamas and China, PAT derives its capabilities from over 100 years of combined experience in design, manufacturing and installation of large capacity desalination plants.

For additional news and more information on how PAT can solve your most demanding water problems, visit our web site at **[www.path2o.com](http://www.path2o.com)**

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