

**DESALINATION OF OILFIELD PRODUCED WATER AT THE
CHEVRON SAN ARDO WATER RECLAMATION FACILITY, CA**

LNSP Nagghappan*

Veolia Water Solutions & Technologies
250 Airside Drive, Airside Business Park
Moon Township, PA 15108
Voice: 412-809-6681
Fax: 412-809-6188

lnsp.nagghappan@veoliawater.com

Charlie Webb

Chevron
Bakersfield, CA

Rich Franks

Hydranautics
Oceanside, CA

This paper will discuss the successful application of a unique separation process technology incorporating reverse osmosis at the Chevron Water Reclamation Facility in San Ardo, CA, for converting produced water into water suitable for discharge to the local water aquifer. The paper discusses in detail the challenges faced during the start-up of the treatment system, the performance achieved on site by the treatment process, and the effectiveness of the technology for removal of boron and for controlling organic fouling and silica scaling across RO membranes.

###