



# IWA PIPELINE

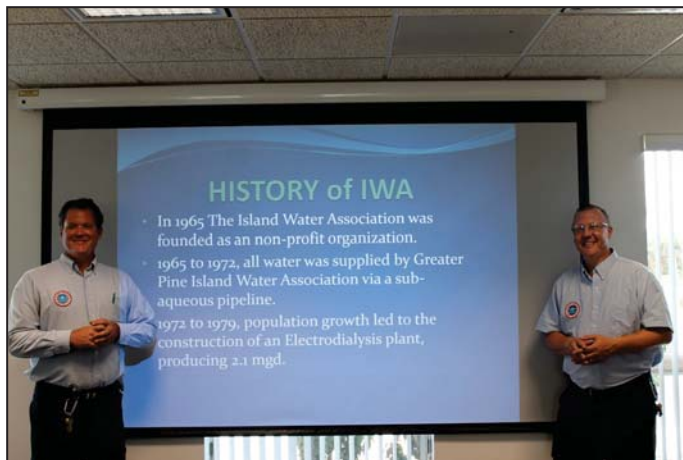


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## SEDA CONFERENCE

The SEDA (Southeast Desalting Association) conference was held on June 4th, 5th, and 6th at The South Seas Resort. Gus Dowd and Neil Erickson made a PowerPoint presentation at the conference on June 4th giving an overview of the chemical processes used for water treatment at the IWA RO Plant. Neil and Gus also talked about the level of customer service provided by IWA and how the office communicates with the distribution techni-



**Gus Dowd & Neil Erickson with their SEDA presentation**

cians in the field. Two tour buses of SEDA participants took a tour of the RO Plant on June 5th. Most of the surrounding utility companies, including Naples, Cape Coral, Fort Myers and Lee County Utilities were also well represented at the SEDA conference.

Nine IWA employees attended the conference as well as our consulting engineer. Each participant received 1.6 Continuing Education Credits toward maintaining his plant operator license. All licensed plant operators are required to earn Continuing Education Credits in order to keep their licenses current. IWA received two awards, one for the best

water plant in Florida over five million gallons and a plant tour award.



**Steve Rensing with SEDA awards**

## HURRICANE FORECAST REDUCED

Thankfully, Southwest Florida is experiencing a lower than normal amount of tropical storm activity this summer thanks in part to a developing El Niño. El Niño is a natural warming of the Pacific Ocean that suppresses hurricane activity in the Atlantic by sending strong winds across the Atlantic and Caribbean that shear apart developing storms. NOAA (National Oceanic and Atmospheric Administration) has lowered their original May forecast for hurricanes in the Atlantic from five – nine to four – seven. Forecasters now say that there is a seventy percent chance that El Niño will form during the hurricane season.

Another factor figuring into the lower forecast is unusually cool water in the Atlantic, since hurricanes rely on warm ocean water to form and intensify. While we have experienced a quiet hurricane season thus far, the official end date of hurricane season isn't until November 30th.

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## EAST ROCKS WATER MAIN REPLACEMENT

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The East Rocks water main replacement is quickly moving along. The new water main has been installed on most of East Rocks Drive and on Boulder Drive. The last section to be completed in the East Rocks project is Durion Court. An adjustment to the size of the water main on Durion Court delayed the start of the project and resulted in some additional engineering costs. Originally, a 6" water main was scheduled to be installed on Durion Court, but the Sanibel Fire Department required a new fire hydrant on Durion Court to meet National Fire Protection Association requirements. According to regulations there should be a fire hydrant every 500 feet. In order to have sufficient water flow for the fire hydrant, the water main on Durion Court had to be upsized to 8". The location for any new fire hydrant is determined by the Sanibel Fire Department. Once the City of Sanibel approves the location, IWA installs it. An additional fire hydrant was also installed on Boulder Drive.

For the East Rocks water main replacement project, IWA used HDPE (high-density polyethylene) piping for the directional boring under driveways and paved roads as opposed to cutting across concrete driveways and roadways, or picking up and reinstalling driveway pavers. HDPE pipe is a flexible pipe that can be pulled under driveways and across roads once an underground bore has been made. The cost of the HDPE pipe varies on the size of the pipe, but for this project the benefits outweighed the cost. Our members weren't inconvenienced by cutting across their driveways and the roadways. Additionally, HDPE's joints are heat-fused creating a leak free seam.



*Directional bore with HDPE Pipe*

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## BRINE CLEARWELL REPLACEMENT

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As mentioned in previous editions of the IWA Pipeline, IWA is in the process of replacing our brine clearwell. Our present brine clearwell is nearing its maximum capacity and the three pumps and motors are located below flood level.

The new clearwell now under construction will have increased capacity and use vertical turbine pumps. The motors will sit on top of the tanks well above flood level.

Our contractor has been on site since August 7th. A large hole was dug approximately 25 yards behind the present brine clearwell, rebar was tied in place and a leak barrier was installed around the perimeter. The concrete slab was poured on August 20th. Presently, the concrete slab is being kept wet to allow the concrete to cure. Framing of the walls was started on August 22nd.



*Pouring of concrete slab for new Brine Clearwell*



*Framing the walls for the Brine Clearwell*

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## HAZMAT TRAINING WITH THE SANIBEL FIRE DEPARTMENT

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The Sanibel Fire Department was onsite for Hazmat training with our RO Plant operators in mid June. One of the training exercises participants engaged in is the "man down" scenario. Here at IWA we take our safety and the community's safety very seriously. It is always helpful for IWA employees to participate in this type of training with the Sanibel Fire Department.



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## OUR INDUSTRIOUS RO PLANT OPERATORS

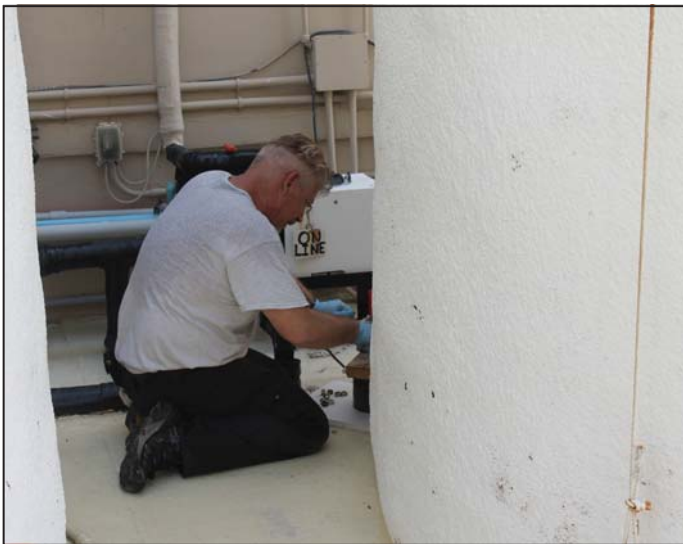
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Over the summer, our RO Plant operators have been busy doing in-house projects, not only making needed improvements and repairs, but saving IWA money by doing projects themselves as opposed to hiring outside workers.



*Reorganized parts room at the RO Plant*

Ron Freitag, our Chief Plant Operator, reorganized the parts room at the RO Plant, putting all the parts in new bins with labels .



*Scott Sheldon replacing a valve on a bulk storage tank*

Scott Sheldon replaced the 2" discharge, the 3" drain-piping and valves on one of the bulk storage tanks when it was discovered leaking. The tank was drained and cleaned by RO personnel. After the repair, the tank was filled with water for a period of three days and pressures checked to verify that it was no longer leaking.



*Chris Krupick with new safety cabinet*

Chris Krupick built a new cabinet to house the safety equipment that is stored at the RO Plant. Previously, the equipment was housed in a cabinet in an unairconditioned space. The cabinet was over twenty years old and needed to be replaced. The new cabinet and safety equipment are now housed in an air conditioned area, thus prolonging the life of the equipment and the life of the cabinet.

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## SOME IWA REMINDERS

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Please avoid planting vegetation in close proximity to and keep any existing vegetation trimmed back from the water meter and any backflow prevention devices. IWA service rules and regulations state that it is the Member's responsibility to provide clear access to the water meter as well as a 2 foot radius clear of vegetation (except for grass) surrounding the meter and any backflow prevention device. At times, our technicians have reluctantly cut vegetation to access the water meter and the backflow prevention device, but IWA technicians are not professional landscapers so IWA would prefer that our Members have the trimming done themselves.

For our Members returning for the winter months, please change your mailing address directly with IWA. Or better yet, sign up for paperless billing so you will never need to worry about receiving your water bill in a timely manner. Call our office at 239-472-1502 or email Kathy at [kathy@islandwater.com](mailto:kathy@islandwater.com).

If you move to a new property on Sanibel or Captiva, check your water bill for your new account number. Your past IWA account number will no longer be a valid account number. The digits to the right of the dash on your account number are the location ID for that property and that number never changes. The numbers to the left of the dash change when the property changes hands or if a new tenant will be receiving the water bills.

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## EMPLOYEE TRANSITIONS

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Two employees have left IWA this summer. Though it always difficult to say goodbye, IWA wishes both Beau Stanley, our former Information Services Coordinator, and Nic Weber, a former Distribution Technician, the best of luck in their future endeavors. Neil Erickson, an "A" plant operator who has been member of the IWA family for almost seventeen years, has moved over from the RO Plant to fill the Distribution Technician position. Neil lives with his wife, Stephanie, and three children on Sanibel and will now be working out in the field. His route will encompass Captiva Island and the northern part of Sanibel.



*Neil Erickson*

Tom Flagiello, a confessed computer and gaming enthusiast and car buff, has moved over to the office to replace Beau as our Information Services



*Tom Flagiello & Beau Stanley*

Technician. Tom lives in Fort Myers and has been with IWA since 2007, also working as a plant operator. Congratulations to both Neil and Tom on their new positions.

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## RO PLANT COMPLIANCE REPORT

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Congratulations to the RO Plant on the recent semi annual inspection of the RO Plant by the Florida Department of Health in Lee County. There were no deficiencies found, meaning that the Health Department could not find any issues that needed to be corrected. This is the twelfth inspection in a row (6 years) where no deficiencies were found at the RO Plant. Following this article is information on how to view our annual Consumer Confidence Report.

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## CONSUMER CONFIDENCE REPORT

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The 2017 edition of IWA's Annual Drinking Water Quality Report, also known as a Consumer Confidence Report (CCR), is available at [www.islandwater.com/wp-content/waterReports/CCR2015.pdf](http://www.islandwater.com/wp-content/waterReports/CCR2015.pdf) New Florida Department of Environmental Protection rules state that as long as we post a direct URL on our website, a direct URL is posted in our quarterly Newsletter at least twice during the year, and a hard copy is available in our lobby, we are not required to direct mail the CCR. We will be happy to mail a copy of our CCR to anyone who requests it by calling 239-472-1502. The EPA-required annual report covers our water quality for 2017

Please read over this information, and if you have any further water quality related questions, give our Production Manager, Pat Henry, a call at 239-472-2113 x122, or stop in to our office anytime from 8:00am-4:30pm, M-F.



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