

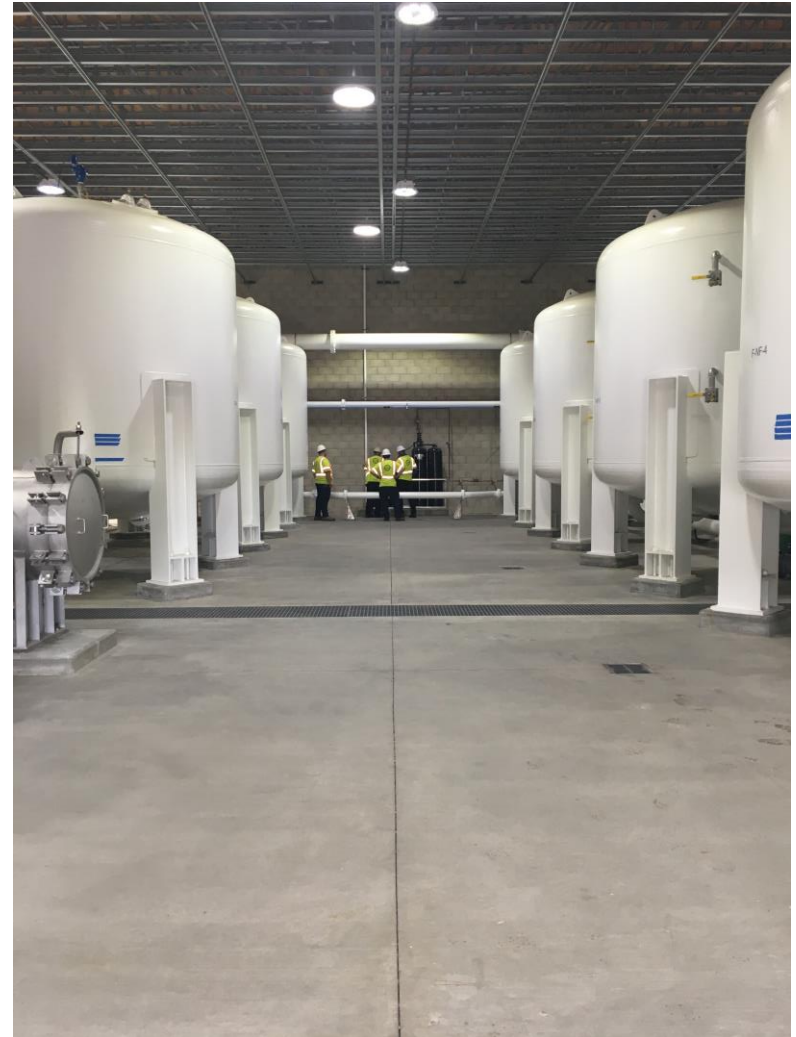


# City of Corona Department of Water and Power

ION Exchange Treatment Plant – Start Up

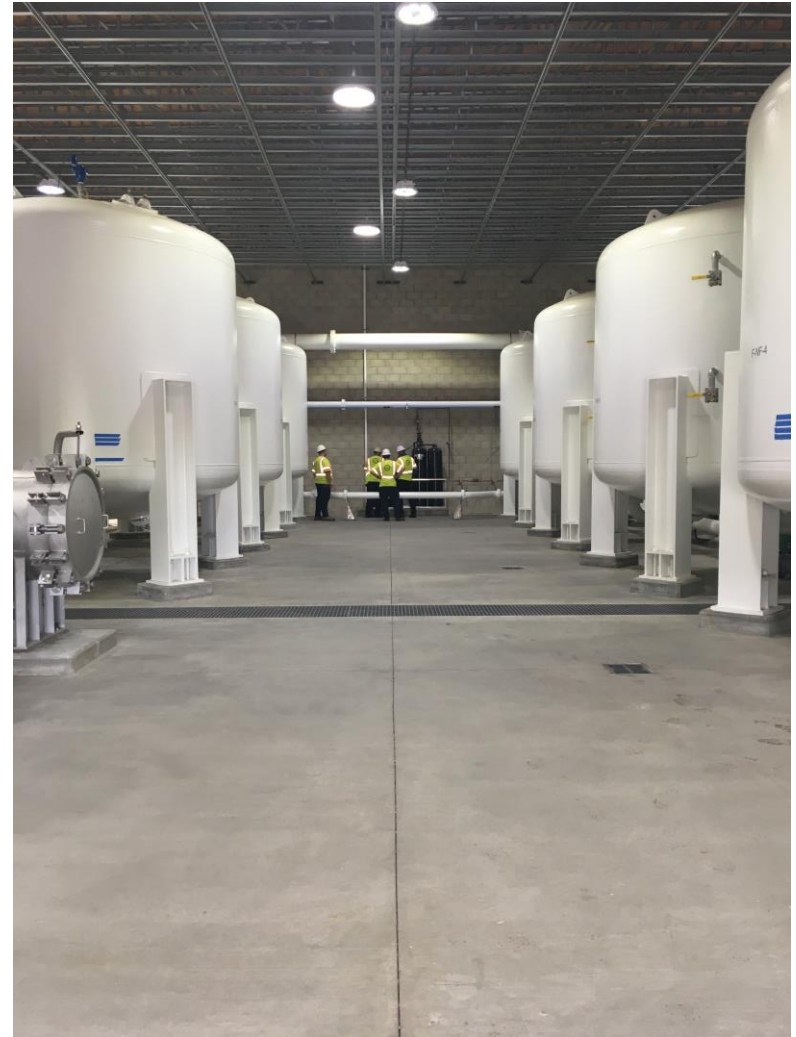
# Ion Exchange Treatment Plant

- ▶ Treats 1,600 gallons per minute
- ▶ Currently fed by Wells 17 and 8
- ▶ New well expected to come online Fall 2018 to provide additional flow to the plant



# Ion Exchange Treatment Plant

- ▶ 4 Nitrate vessels with excellent Nitrate removal
- ▶ Influent Nitrate measured 47.0 mg/L down to <5 mg/L
- ▶ 3 Perchlorate vessels for future treatment



# Ion Exchange Treatment Plant

- ▶ New SCADA screens were created to allow operators quick and easy access to make plant changes
- ▶ Start up scheduled within the next few weeks following disinfection process





# Ion Exchange Treatment Plant

- ▶ Staff training occurred last week
- ▶ DWVP employs a chief operator, lead operator and 12 full-time operators
- ▶ Corona has four unique water treatment plants
- ▶ Staff is well-trained and highly motivated for success





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Ion Exchange Treatment Plant – Start Up