



**Project Spotlight**  
**Municipal Water**

**PROJECT:**

**CITY OF PORT ST JOE, FL**

SURFACE WATER TREATMENT PLANT

<b>LOCATION</b>	Port St. Joe, FL
<b>APPLICATION</b>	Direct filtration of surface water for potable use
<b>FEED SOURCE</b>	Pretreated surface water
<b>PROJECT TYPE</b>	Retrofit of Evoqua/Memcor S10V/N
<b>SYSTEM CAPACITY</b>	1 MGD per cell
<b>START-UP DATE</b>	March 2018
<b>PRODUCT</b>	Scinor TIPS PVDF UF
<b>MODULE TYPE</b>	SMT600-S26
<b>MODULE QUANTITY</b>	144
<b>REASON FOR REPLACEMENT</b>	End of membrane service life Reduced permeability recovery after chemical cleaning Increased TMP
<b>RESULT</b>	Reduced TMP at same flow rates compared to original modules Increase in membrane permeability by up to 40% Reduction in pressure decay rates by up to 50%