



Project Spotlight
Municipal Water

PROJECT:
CITY OF TEMPLE, TX

LOCATION	Temple TX
APPLICATION	Direct Filtration of Surface Water for Potable Use
FEED SOURCE	River
PROJECT TYPE	Retrofit of Pall Microza UNA-620A
SYSTEM CAPACITY	1.5 MGD (per rack) – 11 racks total
START-UP DATE	June 2017
PRODUCT	Scinor TIPS PVDF UF
MODULE TYPE	SMT600-P50
MODULE QUANTITY	78
REASON FOR REPLACEMENT	<p>Reduced capacity</p> <p>End of service life (10 years)</p> <p>Demonstration for TCEQ approval for future replacement</p>
RESULT	<p>20% increase in production capacity compared to original module flux rate</p> <p>Demonstrated > 4 LRV through weekly integrity testing</p> <p>Qualified for future replacement</p> <p>Received first-ever TCEQ approval to conduct testing for approval while sending UF filtrate to distribution</p>