



Project Spotlight
Municipal Reuse

PROJECT:
SOUTH COAST WATER DISTRICT

ALISO CREEK WATER RECLAMATION FACILITY

LOCATION	Laguna Niguel, CA
APPLICATION	RO pretreatment for Recycled Water Irrigation
FEED SOURCE	Treated Municipal Wastewater
PROJECT TYPE	Retrofit of Dow SFD-2880 UF
SYSTEM CAPACITY	1.1 MGD
START-UP DATE	July 2018
PRODUCT	Scinor TIPS PVDF UF
MODULE TYPE	SMT600-P80
MODULE QUANTITY	48
REASON FOR REPLACEMENT	Sharp reduction in permeability Irreversible Fouling Decreased production capacity/feed to RO
RESULT	Restored full design capacity System optimization to maximize production and backwash cycles Chemical cleaning optimization – implement EFM cleanings Consistent, uninterrupted feed to downstream RO