



Project Spotlight
Industrial

PROJECT:
SHOW ME ETHANOL
BIOREFINING

LOCATION	Carollton, MO
APPLICATION	RO pretreatment for Industrial Use
FEED SOURCE	Groundwater
PROJECT TYPE	Retrofit of Pall Microza UNA-620A
SYSTEM CAPACITY	1 MGD
START-UP DATE	November 2017
PRODUCT	Scinor TIPS PVDF UF
MODULE TYPE	SMT600-P50
MODULE QUANTITY	36
REASON FOR REPLACEMENT	Reduced capacity Significant fiber breakage Severe RO fouling (SDI > 15)
RESULT	Restored design capacity SDI to RO decreased to < 3 Process recommendations provided to optimize backwashing and pretreatment processes, greatly reducing potential for fiber breakage