

Fowler, GA Case Study

Fowler WWTP

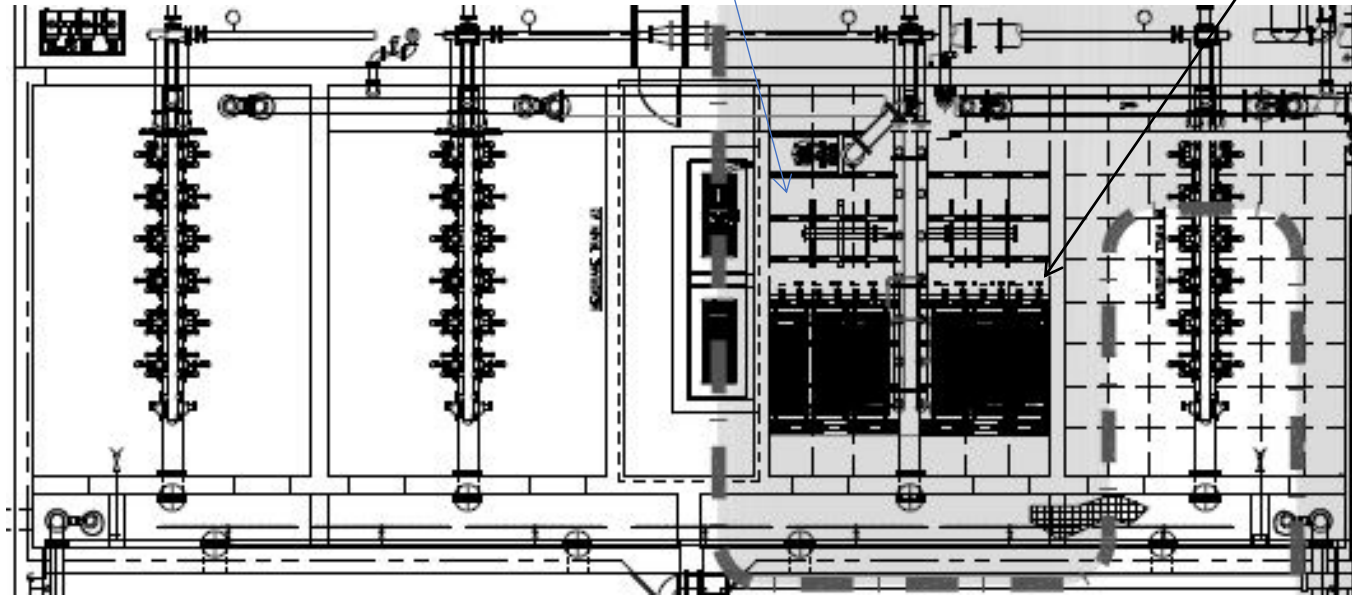
Retrofit	ADF: 2 MGD	(7,571 m ³ /d)
	PF: 4.5 MGD	(17,034 m ³ /d)

- Existing Technology: Hollow Fiber
 - Plant had issues with fouling and processing capacity
- Pre-selected against GE Water & Process Technologies, Koch Membrane Systems, Microdyn Nadir GmbH, Evoqua
- Won based on:
 - Lower capex-opex
 - Increased plant capacity



Applications: Retrofitting a Hollow Fiber MBR

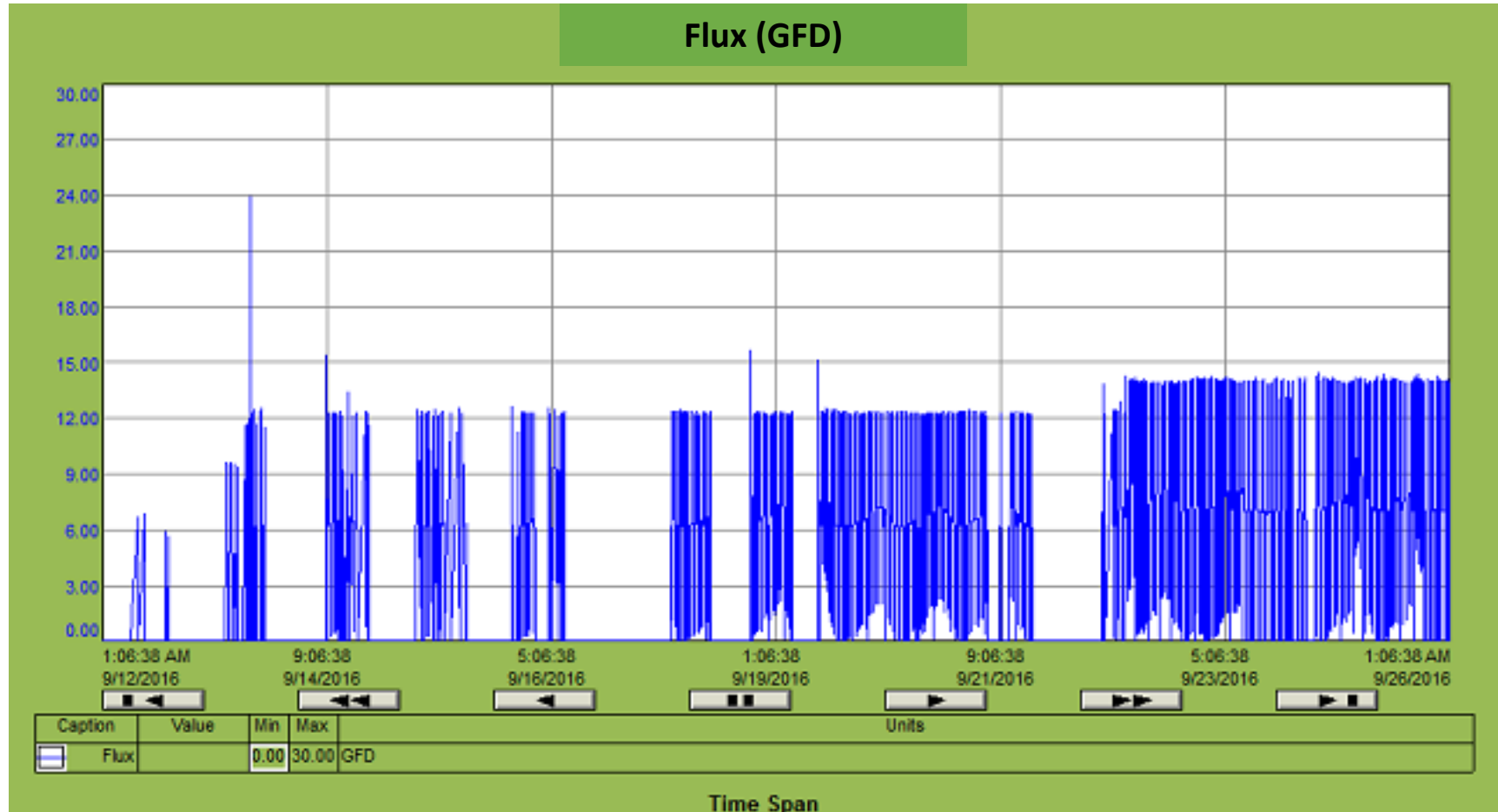
Residual space in train 2 membrane tank is retrofitted with fine bubble diffusers for more efficient biological treatment



- 1 – ½ tank with FibrePlate™ replaces 2 hollow fiber tanks with same capacity
- 1 full tank with FibrePlate™ will treat the plant capacity

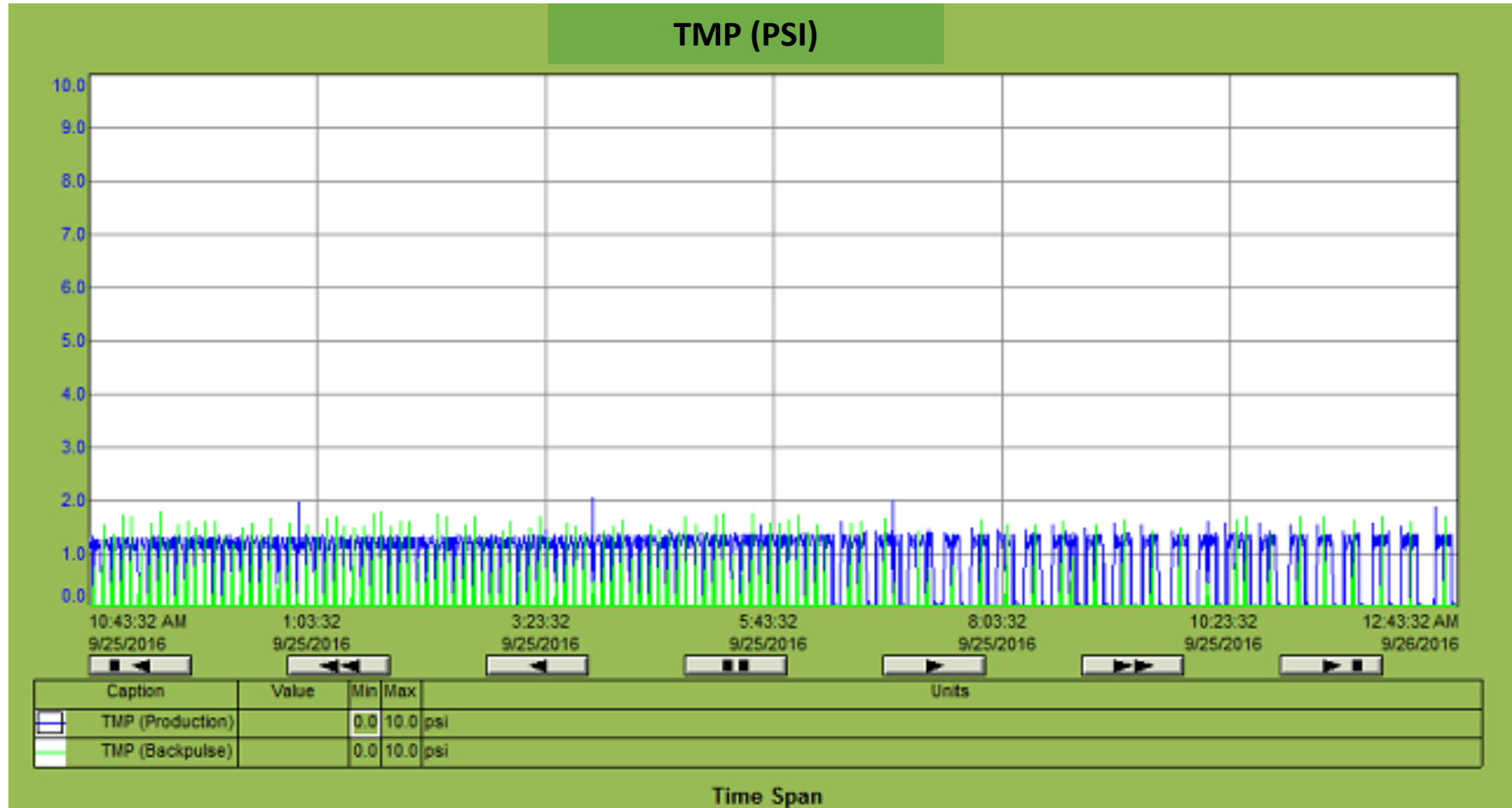
Forsyth County, GA

Fowler WWTP



2 week flux data

Fowler WWTP



2 week TMP data