

Bremerton Wastewater Treatment Plant Bremerton, Washington

PROJECT DATE
2005 - Ongoing

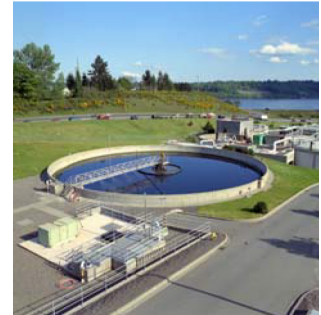
SUBSTRATE
Carbon Steel &
Concrete

INTRODUCTION

The City of Bremerton owns, operates, and maintains the Westside Wastewater Treatment Plant. Their system provides service to approximately 37,000 customers and produces 700 tons per year of a Class B biosolids product that the City uses on municipally owned forest lands. This is an activated sludge, secondary wastewater treatment facility. It is designed to receive and treat combined sewage during wet weather periods and all of the City's domestic and industrial wastewater. It has reported an average annual flow of 7.6 mgd, a hydraulic peak capacity of 32 mgd, and has seen flow in excess of 38 mgd. A hard-working plant that remains in operation year round.

Part of the on-going O & M program the City required for this facility was a durable coating system that was easy to apply and maintain by in-house personnel.

The sustainable solution came from Wasser's MCU wastewater coating systems for concrete and steel. The City not only achieved outstanding systems that were easy to apply and maintain in-house, but also reliable systems that minimized down-time and maintenance costs.



OWNER
Bremerton Municipal
Department...

PROJECT
...

CONTRACTOR
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Concrete Substrate
SURFACE PREPARATION
SSPS SP12/NACE No. 5
LPWJ
Application Method:
Spray

Carbon Steel
Substrate
SURFACE PREPARATION
SSPS SP7/NACE No. 4
SSPS SP6/NACE No. 3
Application Method:
Spray, Brush and Roll

Coating System
Concrete
PRIMER
MC-Aroshield 1.5-2 mils
DFT
FULL COAT
MC-Tar Red 5-7 mils DFT
TOPCOAT
MC-Tar Black 5-7 mils DFT

Coating System
Carbon Steel
SPOT PRIME
MC-Miozinc 3-5 mils DFT
FIRST FULL COAT
MC-Prepbond 1.5-2 mils
DFT
SECOND FULL COAT
MC-Tar Red 5-7 mils DFT
TOP COAT
MC-Tar Black 5-7 mils DFT

