

# BREMERTON WASTEWATER TREATMENT PLANT

## BREMERTON, WASHINGTON

PROJECT DATE  
**2005**

SUBSTRATE  
**CARBON STEEL & CONCRETE**

CATEGORY  
**WATER & WASTEWATER**



#### OWNER

Bremerton Municipal Department

#### PROJECT

In House Maintenance

#### SURFACE PREPARATION: CARBON STEEL

SSPS SP12/NACE No. 5 LPWJ

**APPLICATION METHOD:**  
Spray

#### SURFACE PREPARATION: CONCRETE

SSPS SP7/NACE No. 4

SSPS SP6/NACE No. 3

**APPLICATION METHOD:**  
Spray, Brush and Roll

#### 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

#### 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

## 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.

