

City of Everett, Washington

Weholite Bio-filter Pipeline



Weholite Bio-Filter installation

The Water Pollution Control Facility in the City of Everett, WA is undergoing a major expansion in order to increase its capacity through to 2023.

The first of four phases includes many upgrades including the construction of bio-filters for treating odours from the trickling filters which resulted in the requirement for Weholite Bio-Filter Piping.

The Weholite Bio-Filter Piping for this phase consisted of 214 feet of 48" RSC100 Weholite along with four (4) 450, one (1) 600, and one (1) 900 Elbow plus two (2) flange connections each with Stainless Steel Back-up rings as a requirement for the highly corrosive environment.

One end of the flange connection was linked to the Trickling Filters and the other end was connected to the actual bio-filter medium, which will consist of wood chips when completed. Foul air will be forced into the pipeline through a positive displacement fan. The installation took 7 days to complete.

Project:
Bio-filter Pipeline

Owner:
Public Works Everett,
City of Everett, WA

Consultant:
Brown & Caldwell

Contractor:
Hoffman Construction
Company of Washington

Sub-Contractor:
University Mechanical
Contractors, Inc. (UMCI)