

# Schnitzer Steel Sheet Pile Bulkhead

## Burbank, Washington



### Client:

Schnitzer Steel Industries  
Portland, Oregon

### Contract Value:

\$1,273,897

### Project Timeline:

Started: November 2008  
Completed: March 2009

### Project Highlights:

- Installed 580 LF of open-cell, sheet pile dock system
- 500 CY / 15,000 sq. ft. of concrete apron
- 8,500 CY of dredging & spoils removal
- Installed 300 LF of steel face beam & 120 LF of steel pipe bull rail
- Installed 7 bulkhead bollards
- Installed 8 large rubber tire fenders



AAC worked together with Schnitzer and PND Engineers to install a new open-cell sheet pile dock system at their Burbank, Washington scrap yard. Schnitzer Steel uses the current dock to load steel on to barges that get delivered to their Portland scrap yard to be processed.

The project involved driving 350 new sheet piles that make up the 8 open-cell system. AAC removed the old system that had failed over the years. This process involved excavating and dredging a total of 8,500 cy of spoil material that was hauled and contained onsite. Installation of top cap, bull rail, concrete, and bollards completed the project.

The project was performed while Schnitzer Steel was still in operation. AAC allowed Schnitzer Steel to load out scrap steel onto barges multiple times without incurring schedule delays. Substantial completion by the end March 2009 was crucial to keep Schnitzer's scrap in production.