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| Project Name: | Slurry Wall Installation |
| Project Location: | Port Arthur, Texas |
| Project Completion Date: | March 1999 |
| Project Duration: | 2 Months |
| Project Value: | \$189,150 |
| Client Name: | Cecos International - Browning Ferris Industries Chemical Services, Inc |
| Client Contact: | Mr. Joe Whelan |
| Client Phone Number: | 318-527-6857 |
| Technology Utilized: | Slurry Wall Installation |

Project Description

SEMS, Inc. was contracted to perform the installation of a bentonite slurry wall trench 2,374 feet long, 2.5 feet wide and 51 feet deep. The trench/slurry wall is being placed using a Linkbelt 4300 Long Boom Excavator in combination with a Cat D6 Bulldozer.

SEMS performed preliminary site operations which included installation of haul roads, clearing and grubbing of the trench right of way, removal of existing concrete slabs, construction of run off berms, plugging and abandoning of various pipelines, and set up of a slurry batch plant.

Upon completion of trenching operations, SEMS placed a slurry wall cap over the 2,374 linear feet of trench with a 3 foot compacted clay liner.

The major equipment/materials utilized for the project included the following:

- \$ One Linkbelt 4300 Long Boom Excavator
- \$ One Cat 416 Rubber Tire Loader
- \$ One Cat D6 Bulldozer
- \$ One CMS-04 Chemical Mixing Trailer
- \$ One XXR6172 Mixing Tank
- \$ One 6 Inch Water Supply Pump
- \$ Two Pick Up Trucks
- \$ One Box Van
- \$ 40 Tons of Bentonite
- \$ 5,000 Cubic Yards of Offsite Fill

The location of the slurry wall encircles a series of closed landfill cells and pits. The slurry wall is intended to prevent offsite migration from the closed landfill cells. The project with all changes was completed within the adjusted schedule and budget.