

PACTEC

PACTEC GEOPAC REDUCES PLANT MAINTENANCE COSTS

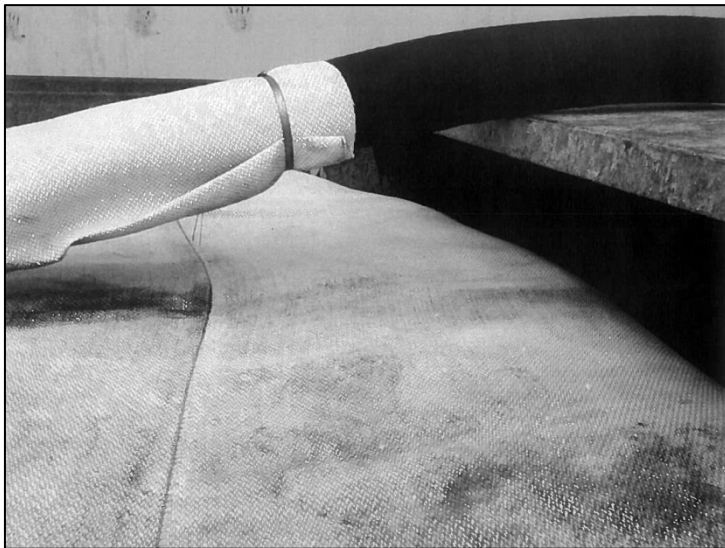
Superior solution saves labor and pump damage while removing solids from equipment.

BACKGROUND

A large refinery needed to remove coke fines from a major piece of equipment while also protecting the pumping equipment and keeping the fines from reaching the storage tanks. Several filtration options were evaluated by the process engineers, including their existing solids removal system and a continuous backflush mechanical filtration system. While all seemed promising on a small scale, when tested full-scale, the filtration data collected clearly shows that PacTec's GeoPacs were the most efficient and cost effective solution.

OUTCOME

PacTec, Inc. worked with the refinery to custom manufacture several GeoPacs that would meet their existing space and flow-rate constraints. In addition to the larger filtration tubes, 2 smaller filters were utilized for a circulation loop to remove fines from the tanks. Information provided by the refinery showed that the annual cost savings were in the \$450 million range over alternative filtration options presented.



CUSTOMER FEEDBACK

"We could not be more pleased with the results of utilizing the GeoPacs for removing solids on site. Not only is this filtration method efficient, but the cost savings were astronomical. Best of all, PacTec was an invaluable vendor, providing us with a custom solution in a timely manner."

HIGHLIGHTS

- Annual cost savings of over \$450 million dollars compared to alternative solutions.
- Custom manufactured products to meet space constraints.
- Provided proactive approach for new project, and recommended reactive solutions to remove fines from existing tanks.