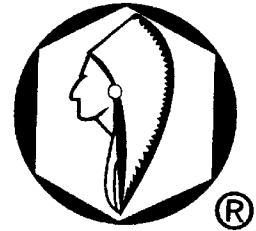


Piston Pumping Solutions - Tar Pitch

*Difficult Pumping Applications from
Blackhawk Environmental Company*



BLACKHAWK ANCHOR PUMPS, THE "NO-STICK" SOLUTION TO COAL TAR RECOVERY, KEEP GROUNDWATER REMEDIATION FLOWING

In most instances, thick, viscous coal tar is a stinking mess to recover from groundwater. This is not the case for a major Midwest tar manufacturer. At the company's Ohio manufacturing facility, Blackhawk Pumps® have assisted in removing the major clog in the works that coal tar poses to groundwater remediation efforts.



Blackhawk Pneumatic Anchor Pump
pumping tar pitch.

Since 1995, August Mack Environmental Consultants, Columbus, Ohio, has handled the corrective actions for the remediation project at this Ohio facility, from conceptual design to implementation to maintenance. August Mack provides a full range of environmental and health and safety services to clients nationwide. Their highly qualified and trained staff works with clients, from inception to completion of a project, to assure that environmental concerns have been fully addressed.



Thick, viscous tar that has been removed from
groundwater at tar manufacturing company.

"As we began recovering groundwater from a perched aquifer, coal tar appeared in our recovery wells. In order for remediation efforts to be successful, we had to get rid of the coal tar. The positive displacement diaphragm pumps could not handle the viscous material we encountered and electric pumps were not an option in this situation," said Bill Glaze, environmental scientist for August Mack.

"We knew we had to find pumps that could pump sticky, viscous material. The tar refining company was familiar with Blackhawk Environmental Co. and their pneumatic top head jack pumps, and suggested we contact them. Based on their previous success in providing solutions for recovering coal tar, the folks at Blackhawk understood the problem and were confident they had the pumps that could handle the situation," Glaze continued.

“August Mack installed two of Blackhawk’s Pneumatic Pumps® on-site nearly a year ago; the pumps have worked great pumping tar pitch and proved to be relatively maintenance free ever since. They sure are easy to install and take care of. Our custom-designed control panel lets us control the cycle of pumping. The pumps are cycled every 30 minutes — 25 on, five off, for eight hours every week,” said Glaze. “Any questions we have, Blackhawk responds promptly.”



Tar refinery site in Ohio where Blackhawk Pneumatic Pumps are pumping tar pitch.

The Blackhawk Pneumatic Pumps® are pneumatically driven piston pumps with the pump inlet at the bottom of the pump, so that the pump acts like a syringe extracting product from the bottom of the well with every stroke. Liquid is pulled into the pump intake; the pump works consistently and reliably whether the pumping action is clean or dirty. The positive displacement action resists slowdown or stoppage in the most sticky — like coal tar, or oily situations. The pump drive mechanism, located on top of the wellhead, makes it easy to see the pump working.

This company is one of the world’s leading producers of specialty and pyridine chemicals, is headquartered in the Midwest, with operations throughout the U.S., Europe and Asia. The company has been producing health, agriculture and performance chemicals for more than 100 years.

August Mack Environmental Consultants specializes in environmental consulting, process engineering, construction management and health and safety services with a full range of services and capabilities.

Blackhawk Environmental Co. specializes in manufacturing quality pumps and controls for demanding applications. For more than a decade, Blackhawk pumps have been custom manufactured and successfully operated in a wide range of pumping operations.

The company is headquartered in Glen Ellyn, Ill.



Blackhawk Pneumatic Pump is relatively maintenance-free even after pumping tar pitch at oil refinery site.



Blackhawk Environmental Company
21W161 Hill Avenue
Glen Ellyn, IL 60137

630.469.4916
630.469.4896 fax
blackhawkco.com