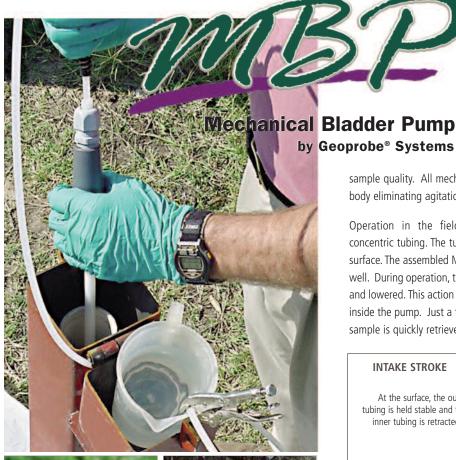
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The easy to use Mechanical Bladder Pump from Geoprobe® Systems requires no expensive or cumbersome equipment. Forget about heavy generators, compressors, or pneumatic controllers, this simple to assemble pump collects representative samples of VOCs and other environmental analytes without compromising

sample quality. All mechanical movement of the pump is contained inside the pump body eliminating agitation of water in the well and formation.

Operation in the field is simple, all you need is the bladder pump and concentric tubing. The tubing is attached to the top of the pump and extends to the surface. The assembled Mechanical Bladder Pump is then lowered into the monitoring well. During operation, the outer tubing is held in place while the inner tubing is raised and lowered. This action alternatively expands and compresses the corrugated bladder inside the pump. Just a few seconds of pumping brings the fluid to the surface, and a sample is quickly retrieved.

## INTAKE STROKE SAMPLE STROKE At the surface, the outer At the surface, the outer tubing is tubing is held stable and the held stable and the inner tubing is inner tubing is retracted... As the inner tube is raised, the upper check ball seats and prevents water from flowing As the inner tube is lowered, the back down into the bladder.. upper check ball opens and water is pushed up the inner tube to the surface... The corrugated bladder expands, filling with water... The corrugated bladder compresses as the inner tube is lowered and water is forced up As the bladder expands, the and out of the bladder... lower check ball opens and water is drawn from the well through the intake screen into As the bladder is compressed, the lower check ball is closed the bladder. preventing water from flowing out of the intake valve.

GroundTech Solutions® is the exclusive distributor for Geoprobe® Systems in Canada. For more information or to purchase the Mechanical Bladder Pump, call 1-877-877-1862 to speak to your technical service representative today.