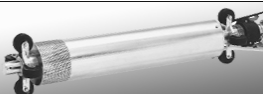




**Home of
the SurePump™**



EPG Connection

Your Resource For Landfill, Environmental and Industrial Solutions!

www.epgco.com

1-800-443-7426

June 2011

Issue No. 18

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EPG Companies Inc. specializes in the manufacture of **landfill leachate pumps & controls, sump drainers, remediation equipment, telemetry hardware and SCADA systems** and other environmental and industrial products.

Dear Mike,

The EPG SurePump™ provides superior performance for both horizontal side slope riser and vertical sump applications. Both models are available in a wide range of flow rates, discharge heads and motor voltages.



Innovative, patented design and accurate level sensing are reasons EPG's SurePump is the leachate pump of choice among landfill professionals. With thousands of successful applications, SurePump offers proven reliability.

As always, EPG welcomes your feedback. If you have any comments or questions, feel free to contact us at info1@epgco.com

Sincerely,

EPG Companies Inc.
www.epgco.com

Product Highlight - EPG SurePump™

The EPG SurePump™ provides superior performance for both horizontal side slope riser and vertical sump applications. Both models are available in a wide range of flow rates, discharge heads and motor voltages.

The SurePump™, constructed of stainless steel, provides resistance to aggressive environments. Factory and field testing has shown that the integral E-Glide™ bearings with better heat and wear resistance outlast Teflon* 4 to 1. The bearings and seal rings are bonded to the stainless steel rather than press fit. This allows the SurePump to work in applications where other designs fail.

- *Unique design and wheel locations places at least four wheels in contacts with the riser pipe surface at all times assuring easy installation and retrieval of the pump.*
- *SurePump sump drainer as a sealed unit with bottom intake provides maximum pump down levels in horizontal, vertical or inclined positions.*
- *Patented vent valve system purges air from the sump drainer preventing pump air lock.*
- *Multistage centrifugal pump permits smaller diameter pumps to be used in high discharge head applications. SurePump™ models are available for flow rates from 2 to 1,200 gpm.*



Vertical Sump Drainer



Wheeled Sump Drainer

Call EPG at 1-800-443-7426 for replacement orders.

FYI - Sump Drainer History

The origin of the EPG SurePump™ began during the early 1980's. The vertical sump drainer was originally developed for the remediation market to pump hydrocarbons. The innovative design allowed the vertical sump drainer to pump down farther than other pumps in the market. EPG was approached by an engineer from Wisconsin in the late 1980's to find or develop a pump for a new landfill design that utilized side slope riser pipes in Indiana. This was in anticipation of more stringent regulations expected to take effect soon (Subtitle D).

After analyzing the problem, EPG designed a pump with skids, so either horizontal or inclined operation was possible. By ensuring that the leachate was drawn past the motor, EPG prevented the pump from overheating.



Early Sump Drainer Design

The design was used but complaints from the field said installing the pump was akin to "pushing a chain down the street". The design was rethought and four wheels were put at each end (90° spacing). This allowed the pump to roll easily down the riser pipe and into the sump.

These innovations led EPG to apply for and receive US Patents #4,966,534 and #4,992,030. These patents cover the level sensor mounted along the central axis of the sump drainer and the sump drainer supplied as a sealed unit.

The sump drainer design is simple, yet effective. Since the unit is sealed, all the leachate is drawn through the bottom intake screen, past the motor and into the pump's intake. The pump is controlled by a submersible level sensor that will turn the pump on and off by sensing the liquid level above the sensor. The sump drainer is equipped with a "vent valve" to vent any air present in the sump drainer and to prevent air lock.

EPG has always been sensitive to comments from the people who use the equipment. These comments have led to several improvements in the design. The first improvement was to replace the retainer clips with retainer pins to better hold the wheels on the axles. The next improvement added durability to the vent valve hose barb by changing it from nylon to stainless steel. Another improvement was to reinforce the wheel assemblies to better support the weight of larger pumps. We then increased the sump drainer wheel diameter for better clearance at HDPE welds in riser pipes. A small diameter Sump Drainer was developed for 6" PVC pipe applications. Finally new impellers were designed for better efficiency.

Upcoming Events

EPG will have representation at the following SWANA and industry related events:

8/23-25 Wastecon 2011 - Nashville, TN

Be sure to stop by and say hello!

2012 Service School dates will be announced later this year. Call us at 1-800-443-7426 to get your name on the waiting list for early notification.



**Solid Waste
Association
of North
America**

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