

Field Service Program

EPG has joined forces with various service providers to offer a Landfill Field Service Program for EPG's line of leachate pumps and control systems. These EPG field service providers will supply factory-trained, certified technicians to service EPG pump systems at landfills across the country.

With over 3,500 installations and years of application experience, EPG advises that only proper maintenance can significantly increase the life of pumping system components and ensure environmental compliance. Even slight adjustments can radically improve long-term performance. Pump systems that are neglected or have been improperly installed can lead to high maintenance costs, equipment failure, and regulatory headaches. Landfill managers and operators that understand the value of on-going equipment maintenance are utilizing EPG's landfill field service program as an "insurance policy" that yields optimum system performance and ultimately reduced operational costs.

Once per quarter, field service technicians follow EPG's detailed key system inspection checklist including:

- Electrical system measurement (voltage, amperage, and resistance)
- Megohmmeter motor lead
- Test run pumps
- Verify function of level sensing and control systems
- Verify function of data collection systems

Cost for the service is based upon site location and number of units to be serviced.



Please call EPG Companies for more information on a field service program near you. EPG's Field Service Program: one more reason why EPG Companies Inc. is the choice among thousands of landfill professionals.

Force Main Sizing

When sizing a pumping system it is vital that the entire discharge piping network be taken into consideration for pressure losses. If more than one pump is connected or may be connected to a common discharge line/force main, the combined flow through a given size pipe multiplies the friction loss. Doubling the flow in many cases more than quadruples the required line pressure.

If pump sizing does not account for the combined flow line losses, the result may be lower flow than needed or even a dead head condition with no flow from the pump(s). To reduce overall capital cost and long term electrical cost, plan ahead and consider upsizing or size the force main appropriately to accommodate all pressure losses. Friction loss charts are available through most pipe suppliers or

EPG Companies Inc. If you need assistance in calculating your pumping system flow and total dynamic head (TDH) requirements optimizing pump selection, please contact your local sales representative or EPG.

Friction Loss in Feet of Head per 100' of Pipe			
GPM	SCH 40 PVC (O.D.)		
	1.5"	2"	4"
25	3.95	1.15	0.04
50	14.25	4.16	0.16
100	--	15.03	0.58
200	--	--	2.08
400	--	--	7.52