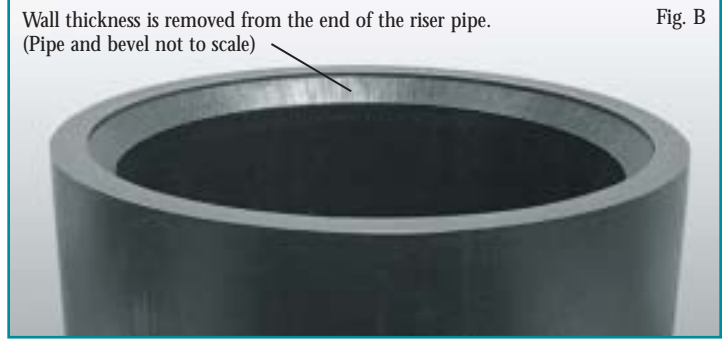


Fusion Seams: continued

this can create quite an irritating, time-consuming pump installation or extraction, especially in small diameter or low-clearance applications.

This problem is seen in many landfills throughout the county. It is not practical to replace the riser pipes so in the case of currently installed side slope risers, the EPG SurePump™ Wheeled Sump Drainer provides the best solution. Why? Because the stainless steel SurePump's design (see Fig. A) places at least four wheels in contact with the riser pipe surface at all times, assuring easy installation and retrieval of the pump. If one wheel contacts an obstructing fusion seam, it is a sure bet that the SurePump can still maintain enough velocity in the wheels to bump and hurdle the obstruction. In addition, the patented submersible level sensor is mounted along the central axis of the sump drainer, protected from any possible obstruction or damage and positioned to give the most accurate liquid level reading. If you are using pumps without wheels, chances are your pumps will get stuck in the riser pipe more often, increasing pump damage, installation and removal time and/or the possibility of a dry* installation and start up.

In the case of new side slope riser pipe installations, a new pipe reaming technique is being used to reduce this problem. The technique is performed with a router. This process removes pipe wall thickness at a bevelled angle inside the end of the high-density polyethylene riser pipe and during the fusion process, internal bead formation settles in the area where the wall thickness has been removed (see Fig B). The result produces an even, concave seam inside the pipe allowing the pump to traverse the seam with less effort (see Fig C).



Although this technique increases riser pipe installation costs, it is becoming a widely accepted practice that facilitates easy pump installation/removal and pipe cleaning.

For more information on this topic, call EPG at 800-443-7426 and ask to speak with a landfill applications specialist.

* It is quite possible to think the sump drainer is fully extended to the base of the riser pipe and submerged in liquid when in fact it is only lodged on a fusion seam and still dry. In this case, overheating and pump damage may occur during start up.



EPG People...

If you've got an EPG Control Panel, chances are Ron Clasen's finger print of approval is on it. Ron has worked with EPG for over eight years and being EPG's Panel Shop Supervisor, leads a team of skilled technicians throughout the manufacturing, testing and quality control phase of all EPG control panels. Because of Ron's skill and leadership ability, the result of his influence reaches far beyond the walls of EPG as approved, long-lasting control panels are delivered to thousands of process control facilities throughout the world. We may never know the full extent of Ron's influence, but with thousands of successful installations and satisfied customers, one thing is

certain, Ron's work is great and has helped EPG to become the preferred choice for thousands of industry professionals.

Ron is married, has 4 children and one grandchild and enjoys hunting, fishing and riding horses.



Ron Clasen