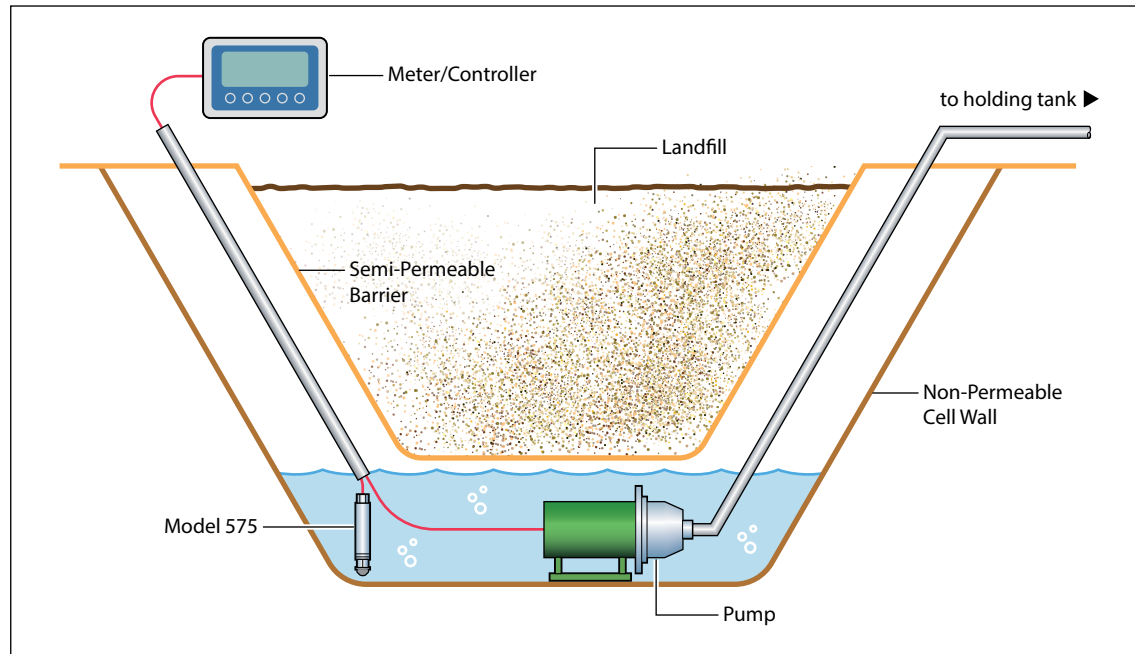


Disposal of Liquid Seepage at a Landfill



Potential Customers

Environmental Contractors; Environmental Consultants and Engineers; Waste Treatment Facilities.

► Problem

Many landfills are made up of a series of non-permeable cells used to hold the fill. A separate semi-permeable barrier is positioned several feet from the inner walls of the each cell allowing natural runoff and rainwater to seep through the barrier and accumulate in the bottom of the cell. The liquid seepage then has to be eliminated.

► Solution

A Model 575 Intrinsically Safe Submersible Transmitter and a meter/controller are used to eliminate the liquid seepage. The transmitter is positioned in the bottom of the cell by means of a PVC pipe. Both the transmitter and a local pump are connected to the meter/controller. The transmitter sends a signal representing the level of liquid to the meter/controller and, at the desired level, the meter/controller activates the pump. The pump then expels the liquid to a holding tank for future treatment and disposal.



The 575 is available in multiple ranges with various sensing ports. See our [website](#) for more details.