Settling Basins

Settling basins separate solids from a flowing liquid by slowing flow and allowing solids to settle. The settled solids are periodically removed and land applied. Manure solids and sand traditionally have caused solids buildup in lagoons. Once in the lagoon, these solids can be difficult to remove.

A properly designed and operated settling basin can remove 80-85 percent of the solids. They should be sized to contain the maximum flow for 30 minutes with a slow discharge such as through a porous fence.