

Better environment in your sewer overflow well with

"SPL module" © 2004-2008

"Patented 2005"

Sewer overflow apparatus for cleaning. Constructed in modules to be mounted in wells of sewer overflow.

This product replaces existing sewer overflow in wood and concrete. In the same area as existing apparatus can "SPL module" give a double edge of the sewer overflow. This means that a combined flow of rain- and sewage water to a purifying plant can be calculated with larger accurates. Costs can be saved on these qualitycontrol of flow. The level of water at the overflow edge can be reduced up to 37 %. This gives better marginals for stormfluids caused by higher rain intensities than the existing apparatus is dimensioned for. Several internal lamella plates in sinking level against overflowedge for separating mud and floating waste when water level is rising. Lower water velocity around depending on the lengthened overflowedge. This together improves the environment compared to conventional sewer overflows. The design can be adapted according to your wishes.

Installation:

Modell "SPL module" has dimension 150-300 mm of outflow hole. Wall height approx. 500 mm and one or several lamella plates according to the model below to the left.

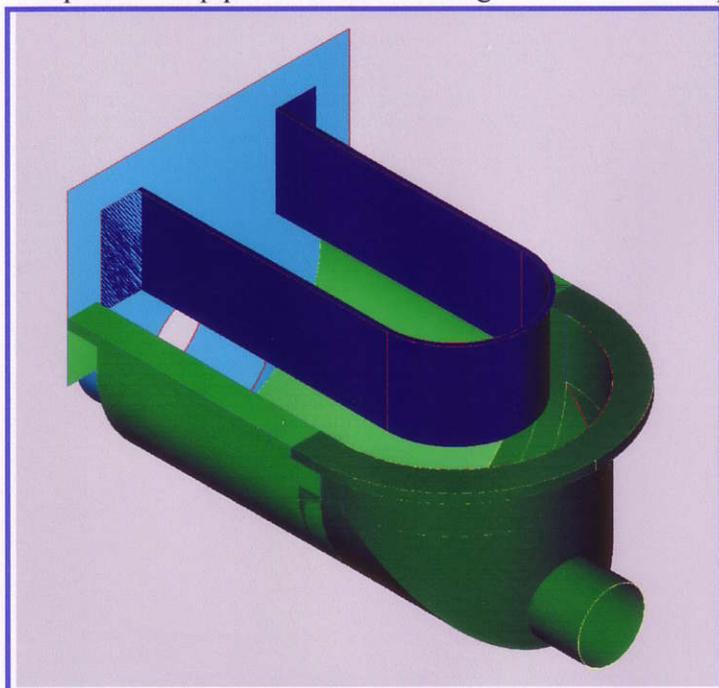
Material: stainless steel SS 2343 and PE plastic.

In picture sample below to the right, sewer system is combined d800 and outflow d200, overflowedge 1,5 m, overflowstart at 90 l/s. To rebuild this well its necessary to adept with a conical pipe to d600 which gives spaces for 100 mm lamella plate around and 100 mm against concrete wall. The outflow hole couple up to in connection of ladder. For stabilization its necessary to cast concrete outside the apparatus.

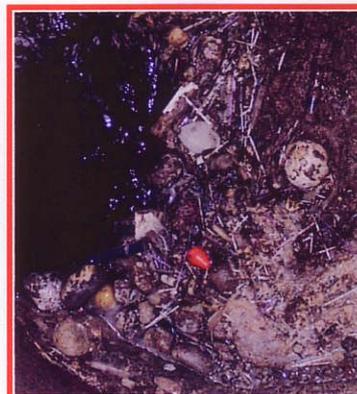
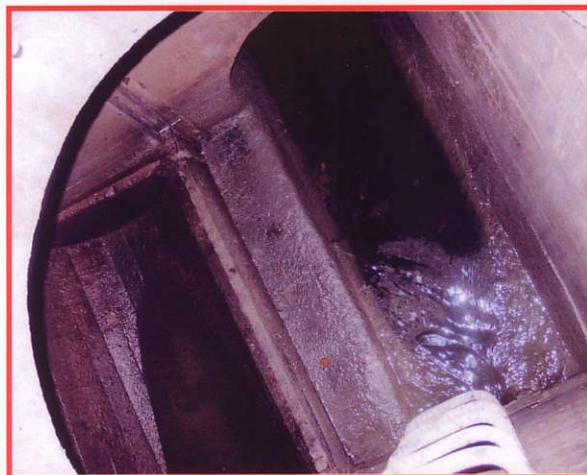
It's also possible to manufacture a separate installation in a prefab. well and dig in the ground nearly on sewer below side

Advantages:

- Better environment and new energy with control of flows
- Lower water level in sewer will reduce the risk for basement floodings in buildings
- High degree of cleaning of floating sludge according to the picture below
- Adeptable with pipes for air and flushing of internal lamella plates



The picture above: shows a solution of sewer overflow. Outflow in the front, modulate walls system and internal lamella plates. (The picture shows one lamella plate). The size of inflow hole is corresponding the width of internal lamella plate.



The pictures above: shows a common waste and mud floating out by way of drainpipes and sewer overflows in connection with rainy weather.

Anders VA Konsult

address: Banjogatan 1, SE 421 46 VÄSTRA FRÖLUNDA
e-mail: anders.vakonsult@avak.se Homepage: www.avak.se