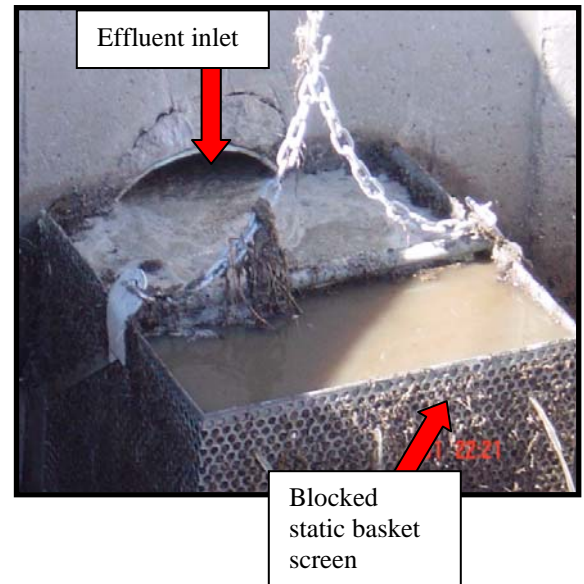


Application:

Piggery Effluent Screening

The problem:

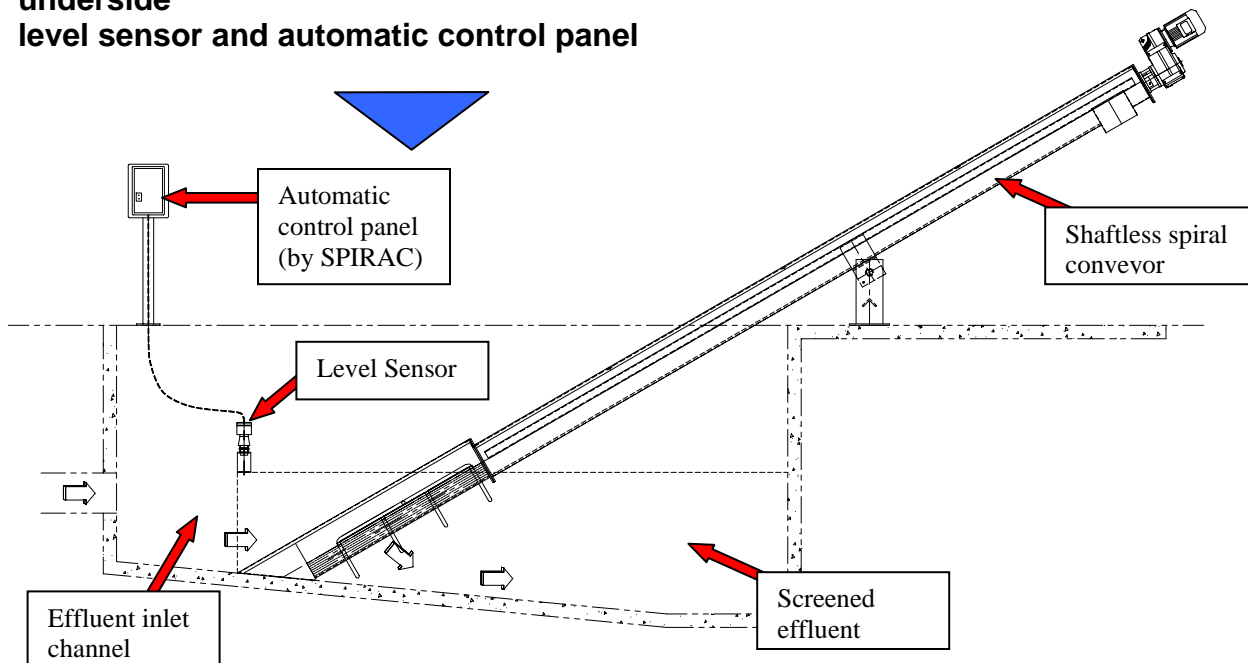
A static screen was used to separate solids from liquid effluent, but the screen blocked quickly and had to be removed and manually cleaned frequently. This was an ongoing maintenance nightmare.



The SPIRAC proposal:

A SPIRAC Model CS250 Channel Screen incl:

- 7m overall length
- pivoting fulcrum for inspection and maintenance
- 1mm wedgewire screen
- spiral brush to clean screen from inlet side
- eight spray nozzles to clean screen from underside
- level sensor and automatic control panel



Contact:

For additional information or contact details for this project or your local SPIRAC office, check our Website at www.spirac.com



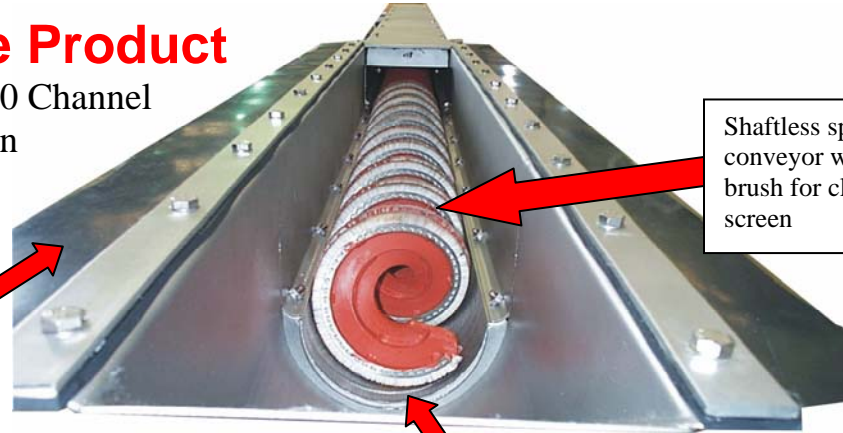
SPIRAC[®]
Conveying Technology

Case Study

No. CS-4268-AU-PIG

The Product

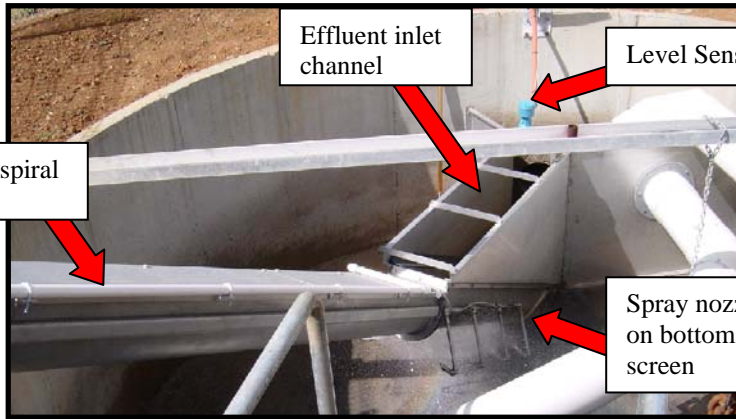
CS250 Channel
Screen



Neoprene Rubber
Skirt 6mm

Shaftless spiral
conveyor with
brush for clearing
screen

Wedgewire screen
to remove solids



Effluent inlet
channel

Level Sensor

Shaftless spiral
conveyor

Spray nozzles
on bottom of
screen

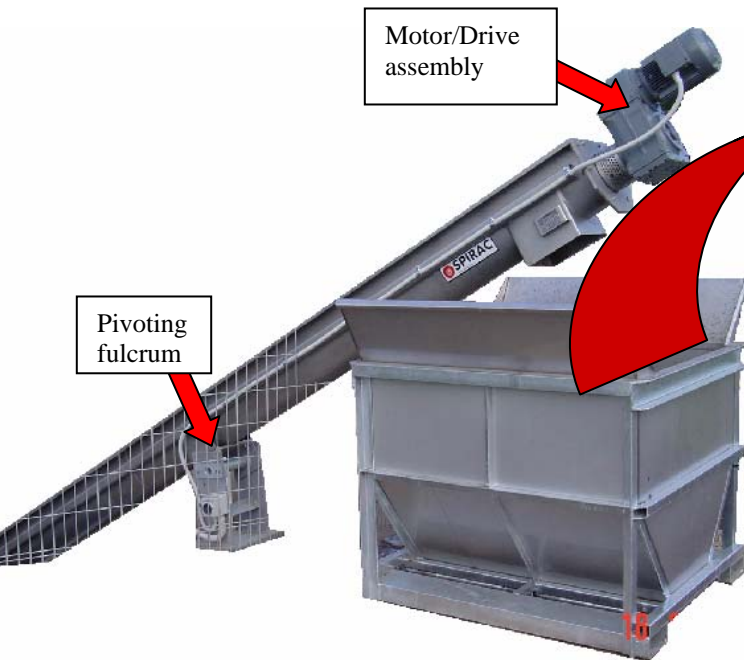
The Installation

Motor/Drive
assembly



Separated
solids

Pivoting
fulcrum



The Benefits

- Reduced maintenance
- Cleaner operation
- Automatic operation
- Cleaner, more manageable effluent
- Dryer, cleaner screenings

Contact:

For additional information or contact details for this project or your local SPIRAC office, check our Website at www.spirac.com