INDUSTRIAL WASTEWATER TREATMENT USING VETIVER FLOATS IN AUSTRALIA



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Treating Strategy

Processing effluent produced by a rendering plant had very high nutrient and salt contents is stored in two storage ponds.

The effluent was:

- Used to irrigate vetiver planting on the banks of the ponds
- Treated in situ with vetiver floats on the ponds

Irrigating vetiver planting on the banks of the ponds



Primary, untreated processing water storage ponds



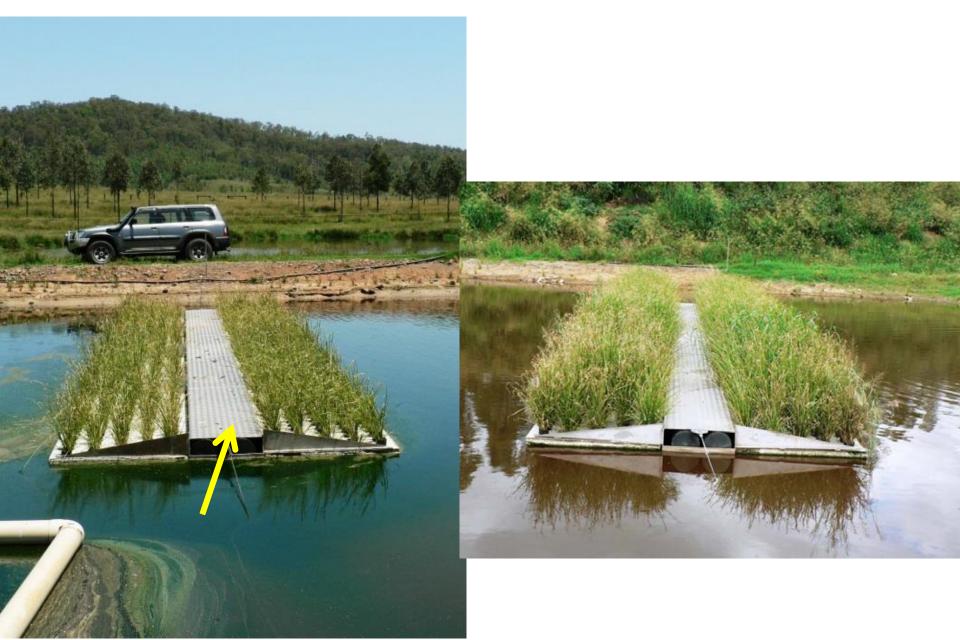
Vetiver planting on the banks of the storage ponds Two months after planting on banks of the storage ponds, irrigated with pond effluent



Vetiver floats on the ponds

Floats made from recycled refrigerator containers

The floats are attached to a floating walkway for easy maintenance and servicing





The floating walkway is in turn attached to the banks



Two week old vetiver raised in diluted effluent before putting to full strength effluent

THANK YOU

