

INDUSTRIAL WASTEWATER TREATMENT USING VETIVER FLOATS IN AUSTRALIA



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This is a rendering factory, producing very high nutrient and salt levels in their processing effluent, which is store in two storage ponds.



Treating Strategy

The effluent was:

- **Firstly, irrigating vetiver planting on the banks of the ponds**
 - **Secondly using 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
planting on
the banks of
the storage
ponds**



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

