

# **VETIVER SYSTEM FOR ENVIRONMENTAL PROTECTION AND LANDSCAPING IN AUSTRALIA AND AROUND THE WORLD**

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# SOME IMPORTANT FEATURES OF VETIVER GRASS

**When planted close together, vetiver forms a thick barrier**



**Massive, deep root system**



# VETIVER FLOWERS

- **Vetiver flowers but it set no seeds**
- **It flowers once a year at the end of summer**
- **Flowers can be used for fresh or dry flower arrangement**







# **LANDSCAPING AND POLLUTION CONTROL IN AUSTRALIA**



# Vetiver was planted here for both pollution control and beautification





**TEN MONTHS AFTER PLANTING**











**ONE YEAR AFTER  
PLANTING & FLOWERING**

06 2005





**TWO YEARS AFTER PLANTING**



**Note muddy and polluted water**



## Two years after planting, cleaner water





12/11/17

THE VETIVER NETWORK INTERNATIONAL

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## Two years after planting, cleaner water

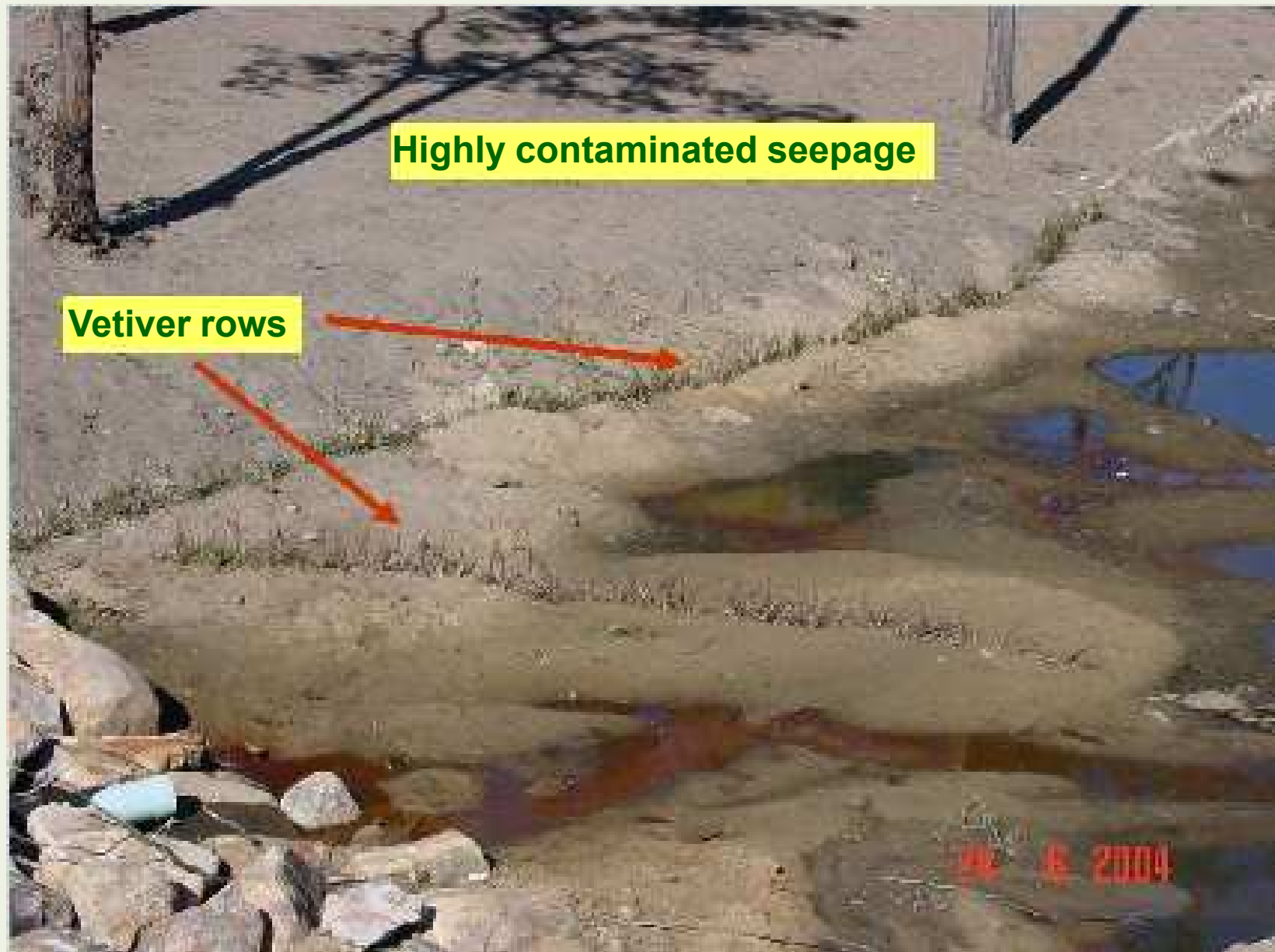


## Planted on lake banks for landscaping purpose only





# Planted on drain for erosion control and water quality improvement



# Nine months after planting











# Park entrance at Woodland





## Planted on drain for erosion control and water quality improvement



## Planted on drain for erosion control and water quality improvement



# **STEEP SLOPE STABILISATION POLLUTION CONTROL AND LANDSCAPING IN QUEENSLAND AUSTRALIA**



# Landfill dump stabilisation









**This 1.5:1 batter is made up of rock, gravel and clay which are highly erodible**



# General view of the batter 13 months after vetiver planting, note the return of local plants



## **Two and half years after vetiver planting, note the establishment of volunteer Acacia and Eucalyptus between vetiver hedges**



# **Vetiver hedges for erosion, sediment and runoff control can be incorporated as an integral component of general landscaping,**



## Planted on dam wall for wall stabilisation and landscaping







# LANDSCAPING IN CHINA

PC: D. Grimshaw









## Cut flowers



# LANDSCAPING IN ETHIOPIA



PC: D. Grimshaw





PC: D. Grimshaw



# LANDSCAPING IN INDIA



PC: Haridas

**Germplasm of tea protected by Vetiver**



# LANDSCAPING IN INDONESIA

PC: D. Booth









PC: D. Booth







PC: D. Booth



# LANDSCAPING IN PHILLIPINES



# LANDSCAPING IN PORTUGAL



PC: M. Pease



# Vetiver and lavender on traffic island

PC: M. Pease

Lavender



# Vetiver and lavender on traffic island



PC: M. Pease

Lavender



# LANDSCAPING IN SENEGAL

## Beach Stabilisation Landscaping at a Beach Resort, DAKAR



PC: A. Sy









# LANDSCAPING IN SOUTH AFRICA





# LANDSCAPING IN THAILAND



# LANDSCAPING IN VIETNAM





# Lotus pond edging

