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

Paul Truong*, Jayne Hedrick** and Gary Searle**
*Veticon Consulting, Brisbane, Australia
p.truong@veticon.com.au
**Delfin Lendlease, Brisbane, Australia
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
TEN MONTHS AFTER PLANTING
ONE YEAR AFTER PLANTING AND FLOWERING
ONE YEAR AFTER PLANTING & FLOWERING
TWO YEARS AFTER PLANTING
Note muddy and polluted water
Two years after planting, cleaner water
Planted among rocks
Two years after planting, cleaner water
Planted on lake banks for landscaping purpose only
Planted on drain for erosion control and water quality improvement

Highly contaminated seepage

Vetiver rows
Nine months after planting

Improved water quality
Sediment trapped
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
LANDSCAPING IN INDIA

Three thinnings of the hedge per year area needed

PC: Haridas
Germplasm of tea protected by Vetiver
LANDSCAPING IN INDONESIA

PC: D. Booth
LANDSCAPING IN PHILLIPINES
Vetiver and lavender on traffic island

PC: M. Pease
Vetiver and lavender on traffic island

PC: M. Pease
LANDSCAPING IN SENEGAL

Beach Stabilisation Landscaping at a Beach Resort, DAKAR

PC: A. Sy
LANDSCAPING IN SOUTH AFRICA
LANDSCAPING IN VIETNAM
Lotus pond edging