



September 2008

PLEASE VOLUNTEER



Pearl River at Pearlington, 2008

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Contact Tim Eddy at: (917) 309-1179
Timoeddy1@aol.com

Fern will detoxify soil

The latest issue of the journal *Nature* reports the discovery of a fern that can rapidly absorb arsenic from surrounding soil. The carcinogenic and highly toxic contaminant is widespread. The hardy fern, *Pteris vittata*, could provide a cheap and effective way of cleaning contaminated sites.

As much as 80% of arsenic is stored in the fern's fronds.

Start Arsenic in the ferns 0 parts per million (p.p.m.)	After two weeks Arsenic in the ferns 15,851 p.p.m.	After six weeks Arsenic in the ferns 22,630 p.p.m.
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Sources: *Nature*, Edentopace, University of Tennessee



For 200 Years... Reaching Out To A World In Need

Bicentennial Mission Trip

Hurricanes Katrina & Gustav
Disaster Relief

*Help Build the Homes
Help Heal the Land*

Pearlington, Mississippi
October 11-18, 2008

Go into all the world. John 15:1



In conjunction with Presbyterian Disaster Assistance (PDA)