

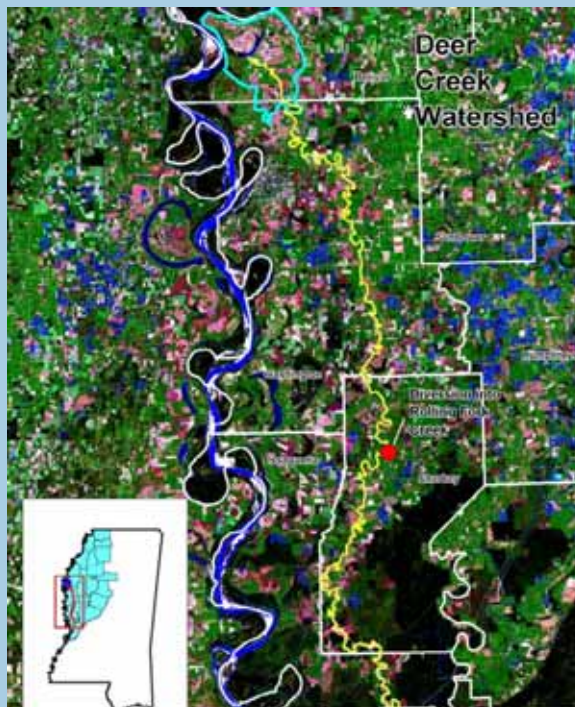
# Management Challenges for Deer Creek in the Mississippi Delta

April 3, 2012

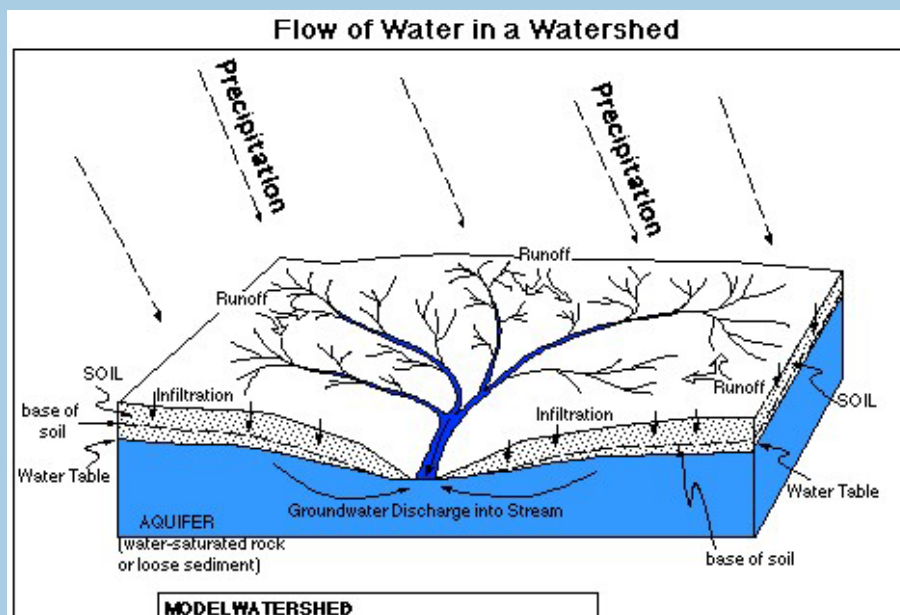
Ronn Killebrew, PE, CPESC, CPSWQ



## Deer Creek Location



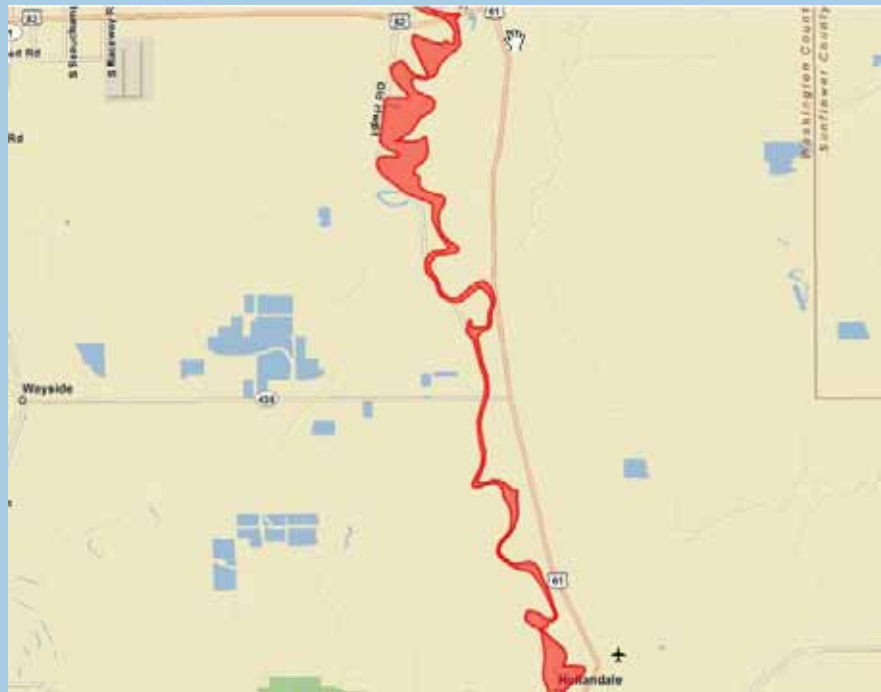
# Typical Dendritic Watershed



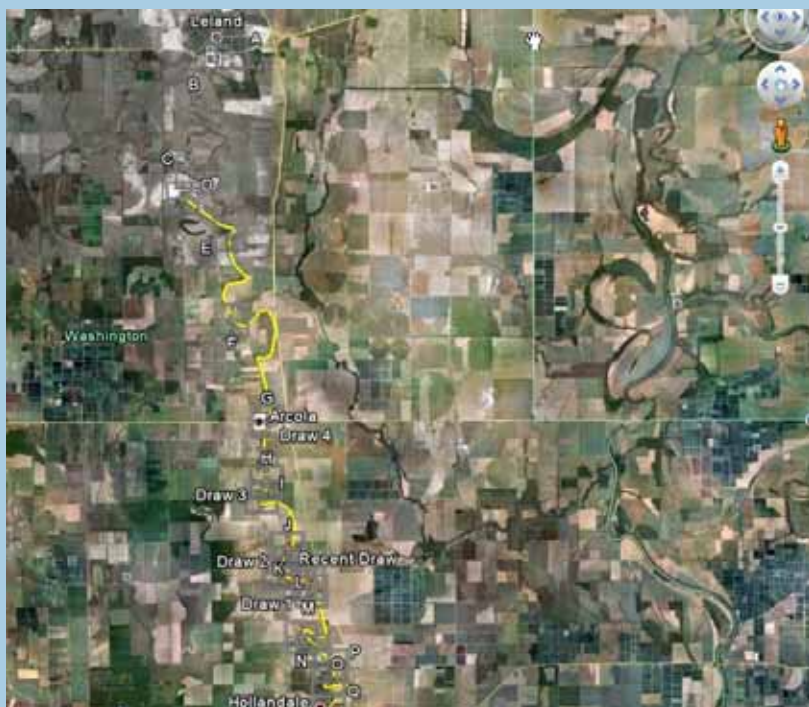
## Deer Creek – Upper Watershed



## Deer Creek – Lower Watershed



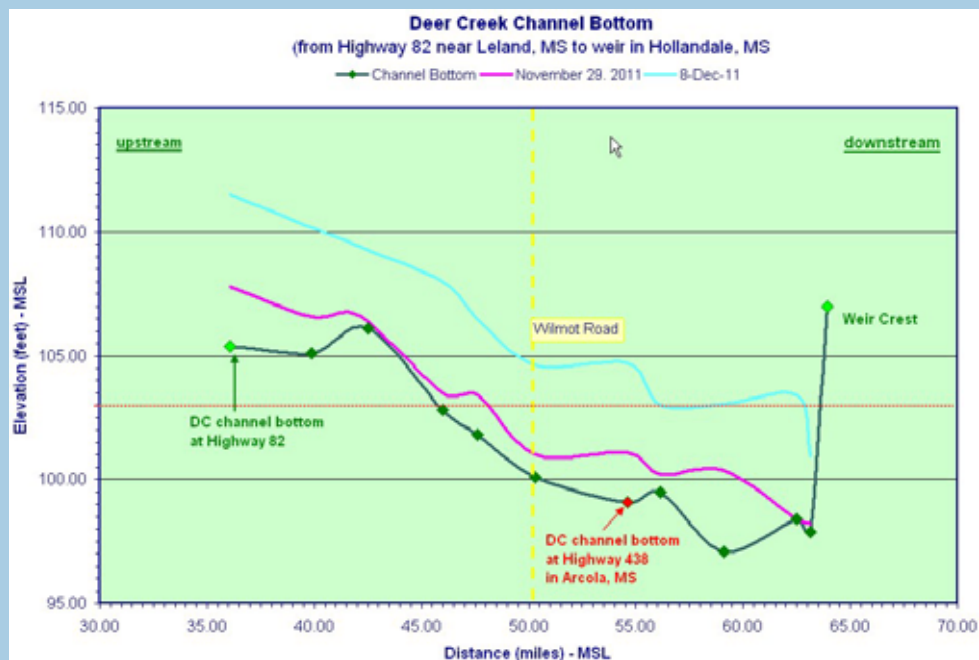
## Deer Creek – Lower Watershed



# Deer Creek Towns



# Deer Creek – Elevations



# Residences



# Cleanup/Education Project

- Metcalfe, April 21, 2007
- Leland, May 19, 2007
- Arcola, June 2, 2007
- Hollandale, September 29, 2007
- Anguilla, October 20, 2007
- Rolling Fork, November 17, 2007
- Leland, May 10, 2008
- Metcalfe, May 31, 2008
- Arcola, June 12, 2008
- Hollandale, July 12, 2008
- Cary, September 13, 2008.
- Rolling Fork, October 4, 2008
- Anguilla, October 11, 2008

# Cleanup



# Education/Outreach



**Poster Contest**

**Essay Contest**

# 2009 USDA National Volunteer Award



## Improvements



# Improvements



# Deer Creek – Drought 2011

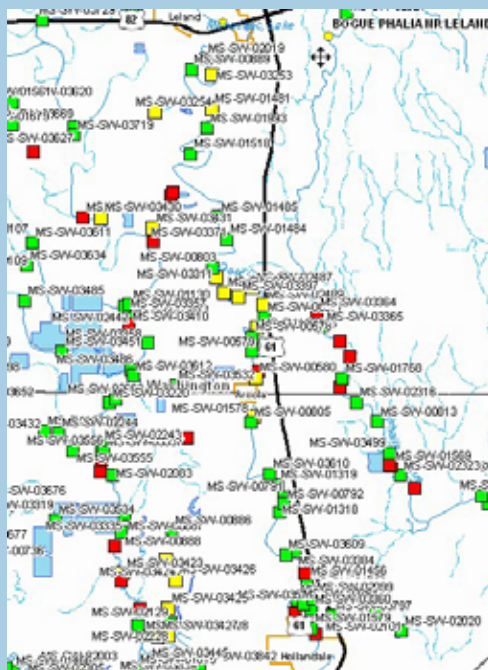




# Irrigation



# Irrigation SW Permits



# July 10, 2011 FISH KILL



# Deer Creek – July 2011



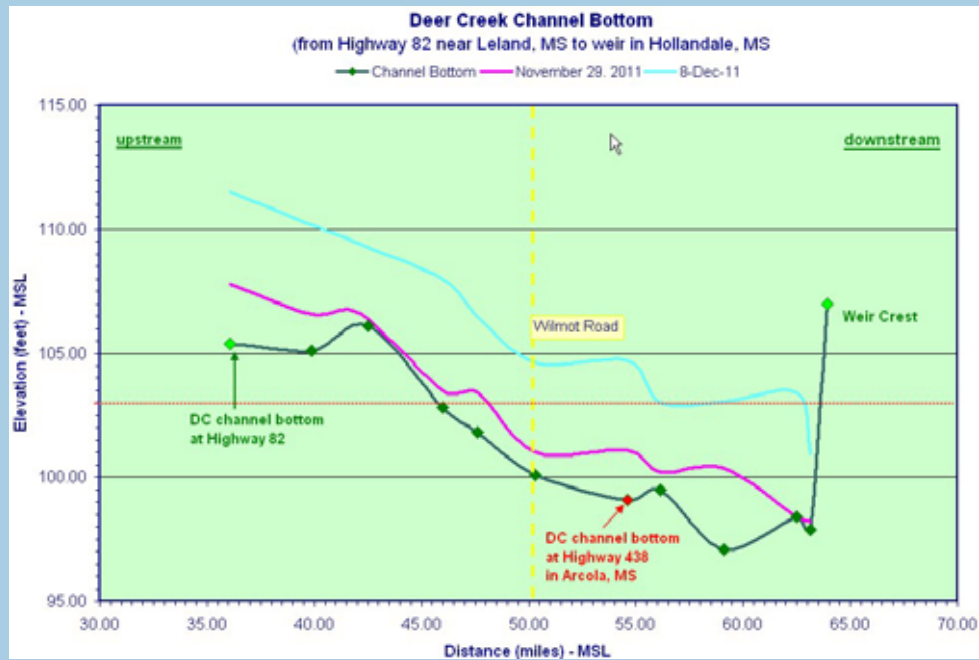
## Deer Creek – November 2011



## Deer Creek – December 2011



# Deer Creek – Solutions



# Deer Creek Solutions



# Deer Creek Solutions



# Deer Creek Solutions





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