

# Plum Creek Watershed Partnership

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Steering Committee Meeting

Lockhart, Texas

August 14, 2008

# Meeting Overview

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Nikki Dictson

Texas AgriLife Extension Service



# Update on Submitted Plum Creek Implementation Proposal

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Nikki Dictson and Matt Berg  
Texas AgriLife Extension Service



# Plum Creek Implementation Proposal to TSSWCB

## Objectives:

- Support implementation of voluntary Water Quality Management Plans on agricultural lands
- Establish a targeted feral hog control program in key areas of the watershed
- TSSWCB is waiting on the official approval from EPA, they have received comments and responded to EPA.

# Update on City of Kyle 319 Proposal to TCEQ

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James Earp

Assistant City Manager, City of Kyle



# City of Kyle Implementation Proposal to TCEQ

- Retrofit Detention Facilities at Steeplechase and Plum Creek Subdivisions
- Storm Sewer Marking and Education Program
- Stormwater Mapping and Control Plan
- Dog Waste Collection Stations and Education
- Street Sweeping Program was initiated

# City of Kyle Implementation Proposal to TCEQ Continued

- Continue conducting trash clean-up day on Plum Creek at Steeplechase Park
- Water quality monitoring, data collection and validation – E.coli and nutrients
- James Earp is the project lead
- The proposal is for three years
- TCEQ is waiting for official approval from EPA to award City of Kyle the grant with a proposed start date of October.

# Update on Additional Implementation Avenues

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Nikki Dictson and Matt Berg  
Texas AgriLife Extension Service





# Ag Waste Pesticide Collection Days

June 5, 2007 – Luling

- 87 Participants
- 31,852 lbs of waste
- 239 Batteries
- 2 drums of oil filters
- 1000 gal of oil
- Containers:
  - 621 – 1 gallon
  - 174 – 2 ½ gallon
  - 42 – 30 gallon

■ Sept. 23 – Lamesa

■ Sept. 24 – Abilene

■ Sept. 25 – Comanche

■ Sept. 30 – Kaufman

■ Oct. 1 – Bonham

■ Oct. 2 – Clarksville

■ Oct. 21 – Mercedes

■ Oct. 22 – George West

■ Oct. 23 – Victoria

■ Oct. 28 - Bay City

■ Oct. 29 - La Grange

■ Oct. 30 - Milano

# Urban: Stormwater Engineering Analysis

- Kyle has included this in their 319 proposal
- Currently trying to find funding for both Lockhart and Luling
  - Potential of TCEQ 319 Funding for next round
- Buda also needs comprehensive stormwater mapping (Already under MS4)

# Urban: Pet Waste Ordinances and Stations

- Kyle had an existing ordinance and 319 proposal includes funding for stations
- Lockhart passed an ordinance and reduced City Park duck population
- Buda (no ordinance)
- Luling (no ordinance)

# Urban: Street Sweeping

- City of Kyle has purchased a sweeper and has initiated street sweeping
- City of Buda has purchased a street sweeper this year and initiated sweeping
- Cities of Lockhart and Luling are continuing existing sweeping programs

# Wastewater Management: Voluntary Monitoring Effluent

- City of Kyle has initiated voluntary monitoring for bacteria and phosphorus
- City of Lockhart is monitoring bacteria and phosphorus at both plants
- Luling is evaluating opportunities for funding to initiate monitoring
- City of Buda has begun voluntary bacteria monitoring and continues to monitor phosphorus under their permit

# CAPCOG Solid Waste Grant Program

- AgriLife Extension sent the grant information for the Capital Area Council of Governments (CAPCOG) in cooperation with TCEQ request for applications for the municipal solid waste implementation grant funding for fiscal year 2009.
- There was \$450,747 available for the area
- Caldwell County submitted a proposal for a truck, trailer, and staff for over \$52,000 during 2009.
- CAPCOG has recommended that Caldwell County's grant proposal be funded and are waiting for TCEQ to give official approval.

# Aerobic Septic System Regulations

- Legislation on allowing homeowners to perform quarterly inspections on aerobic systems
- Caldwell County has regulations in place
- City of Umland has regulations in place
- Hays County is incorporating requirements in revised subdivision regulations
- State Regulations on Septic Systems are out for comment and will be finalized Sept. 15

# Aerobic Septic System Regulations

- Repeal of 30 TAC Ch 317 and Proposal of 30 TAC Ch 217, Design Criteria for Sewerage Systems

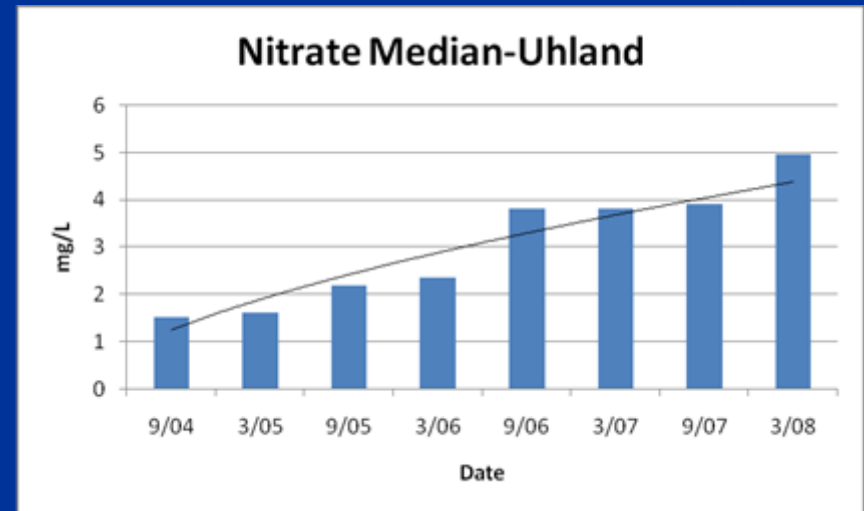
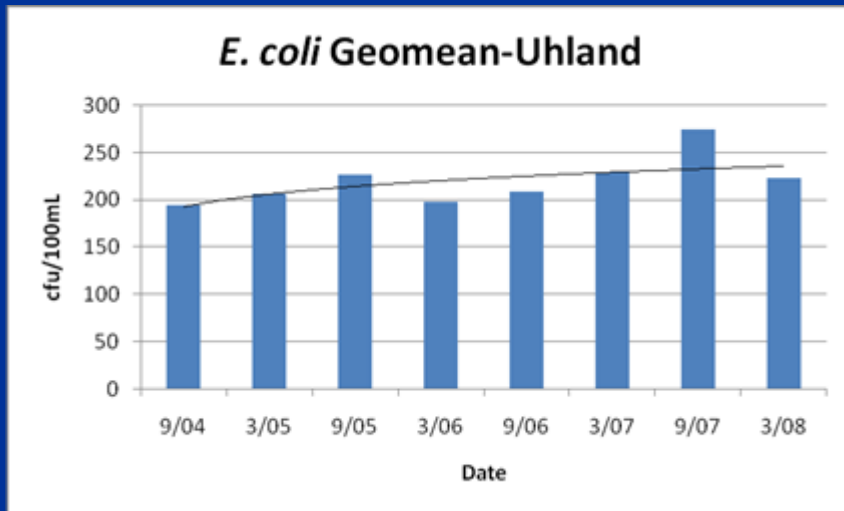
Update of design criteria for domestic sewerage systems to take advantage of technological and engineering advancements.

- For more information visit:  
<http://www.tceq.state.tx.us/rules/adopt.htm>  
1#06044



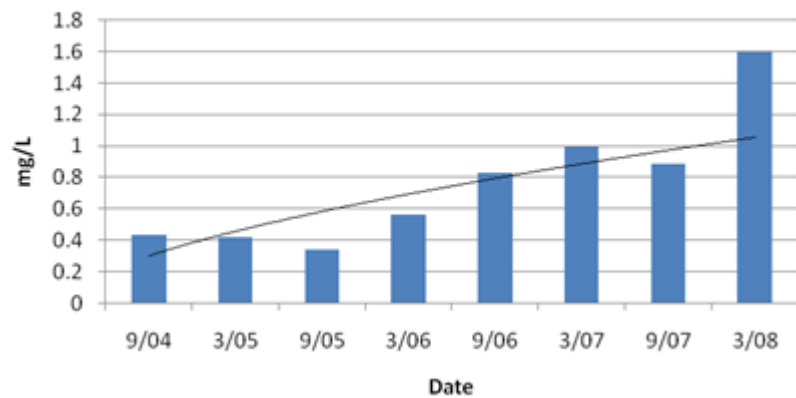
# Routine Water Quality Monitoring

## Uhland Station

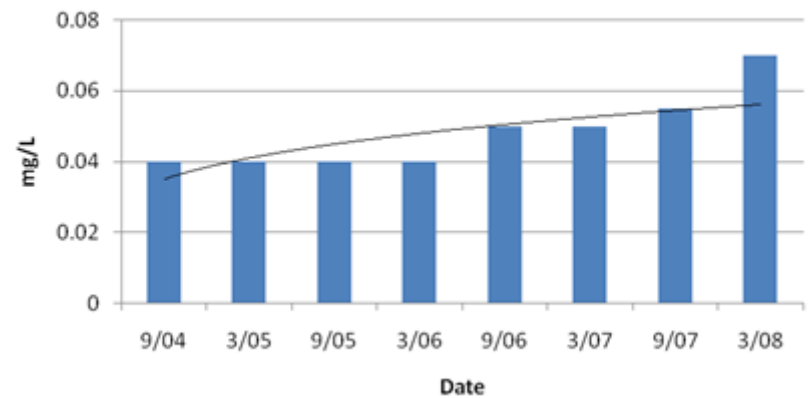


# Uhland Station

### Total Phosphorus Median-Uhland

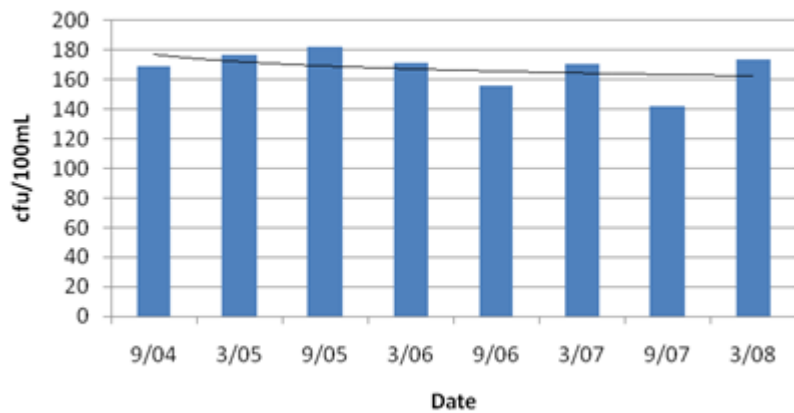


### Ammonia Median-Uhland

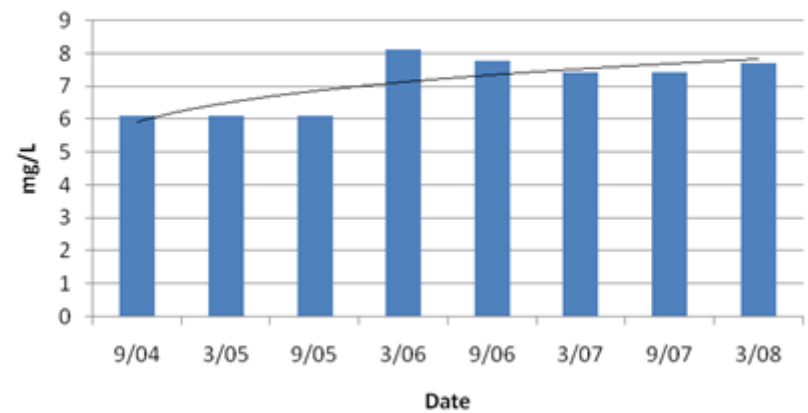


# Lockhart Station

## *E. coli* Geomean-Lockhart

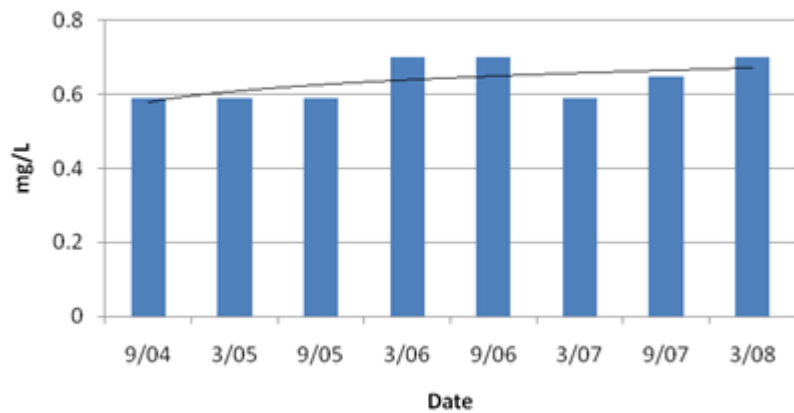


## Nitrate Median-Lockhart

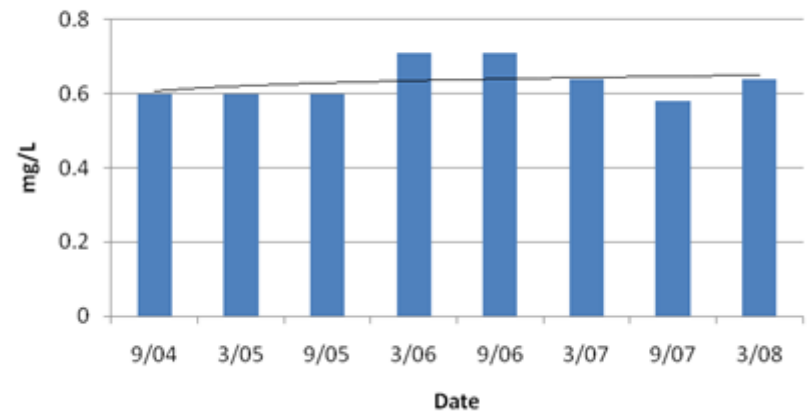


# Lockhart Station

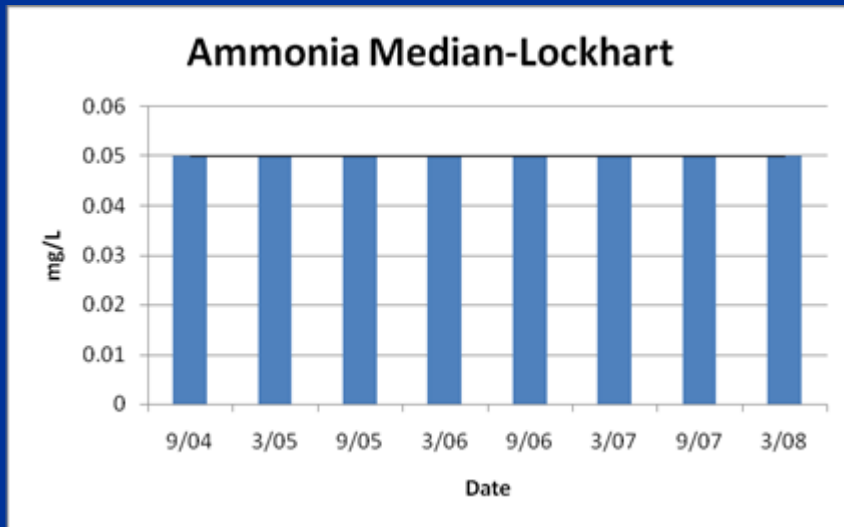
### Total Phosphorus Median-Lockhart



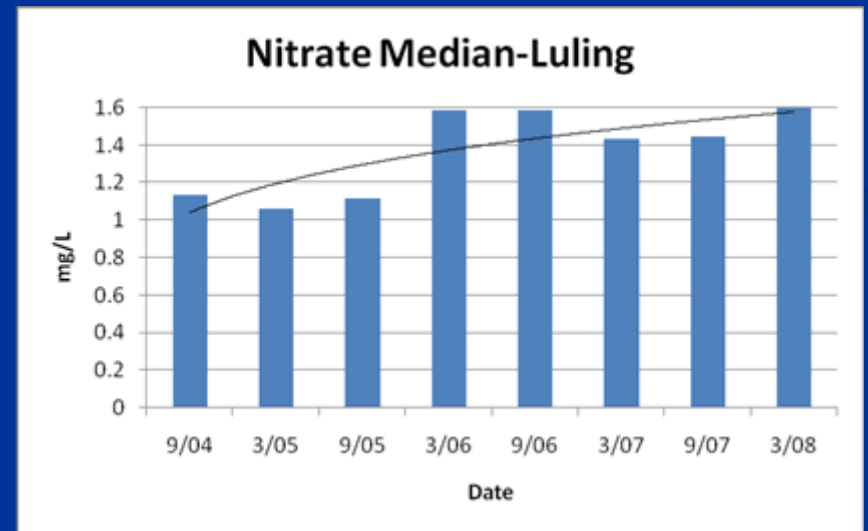
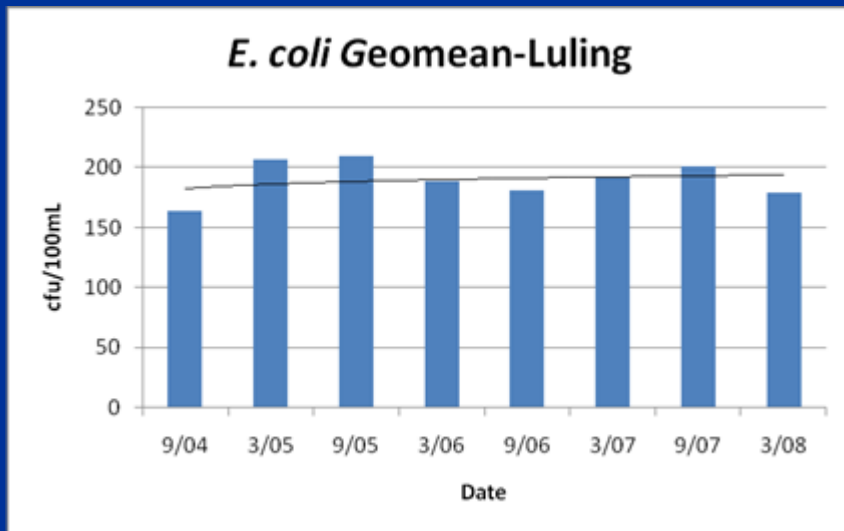
### Orthophosphorus Median-Lockhart



# Lockhart Station

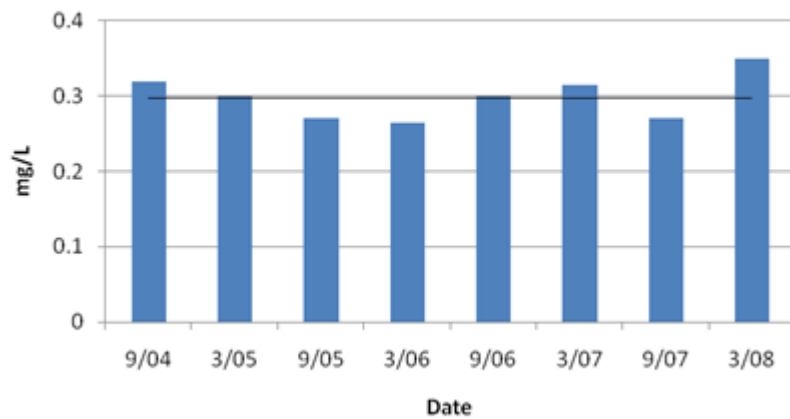


# Luling Station

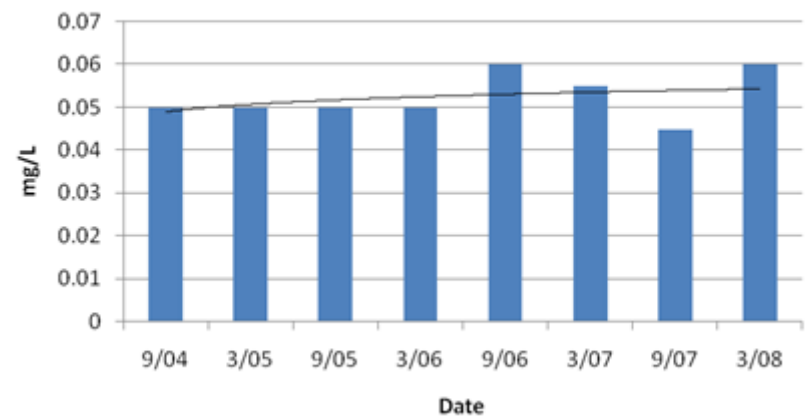


# Luling Station

## Total Phosphorus Median-Luling



## Ammonia Median-Luling



# Update on Plum Creek Outreach and Education 106 Grant Project

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Debbie Magin

Guadalupe-Blanco River Authority

and

Nikki Dictson

Texas AgriLife Extension Service





# Exciting Watershed Highlights Continued

- Received \$150,000 in September for water quality outreach and education from a TCEQ Clean Water Act 106 funding
  - Watershed Protection Campaign Brochure
  - Marketing and Outreach Plan
  - NEMO – Urban Growth Workshops
  - 4 Online Modules- Stormwater Mgmt; Wastewaters Treatment Plants; OSSFs; and Fats, Oils, and Grease
  - Septic System Workshops
  - Illegal Dumping/Litter Campaign
  - TCEQ Fats, Oils, and Grease Workshops and Site Assessment Visits

# Plum Creek Outreach and Education Grant Update

- Assessment/Identification of Illegal Dumping at road crossings has been completed
- Roadway signs for cleanup and No Dumping signs have been delivered to Counties and posted
- The brochure has been printed and is being distributed
- The WWTP online module has been developed and is available online, information was sent via email.

# Managing Urban Growth: Quality of Life and Environmental Issues

- The 9:00 am – 2 pm trainings are FREE and lunch was provided by Guadalupe-Blanco River Trust
- Extension Specialist, John Jacobs was the featured speaker and is the Texas NEMO Coordinator.
- The first NEMO training was held on Tuesday, February 26 at the Texas Disposal System Pavilion and was a great success.
- The second training was held on Tuesday, May 13 at The Fountains with over 40 attendees.

# Office of Rural Community Affairs – Community Development

- Funding for Sewer and water system improvements and Street and Drainage Projects
- Applications for 2009-2010 were available in July and are due by September 30.
- \$75,000 to \$300,000 each (20% match)
- Regional COG develops the Scoring Criteria for 90% of score.
- ORCA CDBG program website:  
<http://www.orca.state.tx.us/index.php/Community+Development/CDBG+General+Info>

# OSSF Trainings and Assistance

- Dr. Bruce Lesikar and I met with the Hays County Commissioners Court and Senior Sanitation Staff in Hays County on OSSFs and future trainings.
- February 13<sup>th</sup>, we met with Kasi Miles in Caldwell County and Diana Woods, CM of Umland on OSSFs, training and assistance.
- Meet with Hays County on May 1 about ORCA funding for Septic Systems.

# OSSF Assistance

- Meet with Hays County on July 10 about ORCA funding for Septic Systems.
- On August 8, received email from Jeff Hauff, Hays County Grants Coordinator that they were going to apply for ORCA for a project in Wimberley this go round, but want to start a work group to continue working on this issue.
- The county is very interested in building partnerships to connect OSSF homes to WWTP and apply next year.
- Wanted some time for the Hays County Water and Wastewater Regional Study to help prioritize locations.

# Texas Watershed Steward Training

- December 4, 2007 at Plum Creek Community Meeting Room in Kyle
- 42 Participants for day long training, received a certificate
- 2<sup>nd</sup> TWS training August 6 in Luling
- 85 Participants for day long training
- Great remarks were received in the surveys from both trainings

# Urban Sector Turf & Landscape Management

- Jim McAfee, Extension Specialist at the Dallas Urban Center will be providing a SAFE Training for those in the Plum Creek Watershed in the fall
- SAFE includes morning indoors instruction and than an afternoon field irrigation audit
- Charles Swanson, Extension Program Specialist held a two-day irrigation audit training in San Marcos this past July.



# Rainwater Harvesting Training

- Billy Kniffen, Extension Program Specialist – Rainwater Harvesting held a one-day workshop in July in San Marcos, this training was so popular it filled up with 100 registered.
- A second was opened for August 16, which also filled up with 100 and they are still getting calls of folks wanting to attend this workshop.
- Additional workshops will probably occur in the future.

# Lockhart Community Cleanup

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Sonja Villalobos and Hillary Contreras  
Lockhart Citizens



# Update and New Website on Targeted Water Quality Monitoring Project

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Debbie Magin

Guadalupe-Blanco River Authority

and

Lee Gudgell

Guadalupe-Blanco River Authority



# Discussion on Proposed Hays County Development Regulations

Susan Meckel

PCWP Steering Committee Member





# Implementation Discussion

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Nikki Dictson

Texas AgriLife Extension Service



# Next Steps

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Nikki Dictson

Texas AgriLife Extension Service



# Next Steps

- Continue to gather and report any new data or information
- Track implementation efforts
- Updates will be provided by email and posted to the website.

# Upcoming Events

- August 16, Rainwater Harvesting Workshop in San Marcos at Hays County AgriLife Extension Office.
- August 26, Onsite Wastewater Treatment Systems 201 Workshop for practitioners will be at the Hays County AgriLife Extension Office in San Marcos
- August 29, Homeowner Maintenance of Septic Systems Workshop will be at the Caldwell County AgriLife Extension Office in Lockhart
- Sept. 20 from 9:00am -1:00pm Lockhart Community Cleanup at City of Lockhart Park where Town Branch runs through



# PCWP

## Steering Committee Meeting

Thursday, November 13, 2008

6:00 to 9:00 pm

First Lockhart National Bank, Lockhart

