

Plum Creek Watershed Partnership Update

GBRA CRP Meeting

March 26, 2009

Plum Creek Implementation Proposals

- TSSWCB 319 Proposal for outreach and education, project facilitation, Agricultural practices and Feral Hog Management Education
- City of Kyle's TCEQ 319 Implementation Proposal
- Working to try to get Cities of Lockhart and Luling to also apply for TCEQ 319 Funds



Update on Agricultural and Feral Hog Implementation Proposal

Approval Received:

- Implementation of voluntary Water Quality Management Plans on agricultural lands through local Soil and Water Conservation Districts
- Continued coordination and facilitation of implementation in the watershed by Extension



Update on Agricultural and Feral Hog Implementation Proposal

Revised Proposal:

- Hire Wildlife Extension position in watershed to coordinate with private management efforts by landowners themselves
- Development and distribution of educational materials and cooperation with planned feral hog management workshops
- Utilize online feral hog reporting system to work with landowners

City of Kyle TCEQ 319 Implementation Proposal

- 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
- Continue conducting trash clean-up day on Plum Creek at Steeplechase Park
- Water quality monitoring, data collection and validation
 - E.coli and nutrients



Outreach and Education 106 Funding

- Received \$150,000 in September 2007 from a TCEQ Clean Water Act 106 Grant
 - Watershed Protection Campaign Brochure
 - 2 NEMO – Urban Growth Workshops
 - 4 Online Modules- Wastewaters Treatment Plants; OSSFs; Stormwater Mgmt; and Fats, Oils, and Grease
 - Septic System Workshops
 - Illegal Dumping/Litter Campaign
 - TCEQ Fats, Oils, and Grease Workshops and Site Assessment Visits

Outreach and Education with 106 Grant Funding Continued

- Received \$150,000 in September for water quality outreach and education from a TCEQ Clean Water Act 106 funding
 - Watershed Protection Campaign Brochure has been printed and is being distributed
 - Marketing and Outreach Plan

NEMO - 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.
- The second training was held on Tuesday, May 13 at The Fountains with over 40 attendees.
- Both Were a great Success.



Online Educational Modules

- Stormwater Management
- Fats, Oils, and Grease
- Wastewater Treatment Plant Module is complete and has been advertized by email and post cards that were mailed out
- The WWTP Module has also received an award from the Water Environment Association of Texas – 2008 Presidential Award for Outstanding Effort Towards Public Outreach and Communication.
- This award was presented to GBRA on December 17 at their Board Meeting.



Online Educational Module Wastewater

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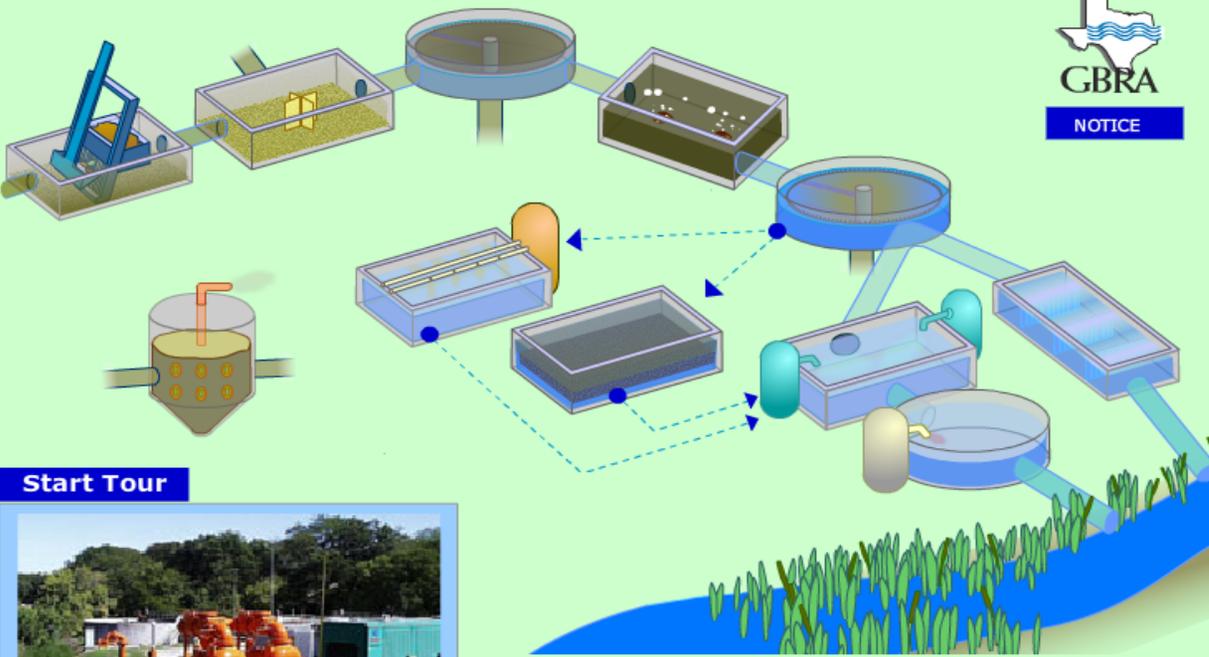
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Wastewater Treatment



GBRA
NOTICE

Start Tour



Roll over each of the images above to find out what it is, and click on it to get a detailed description. Click on the "start tour" button to run the show from the beginning.

Online Educational Modules Continued

- The Onsite Septic System Module
 - Is in the final review stage
 - Is on the GBRA Website and linked from our website

OSSF Online Educational Module

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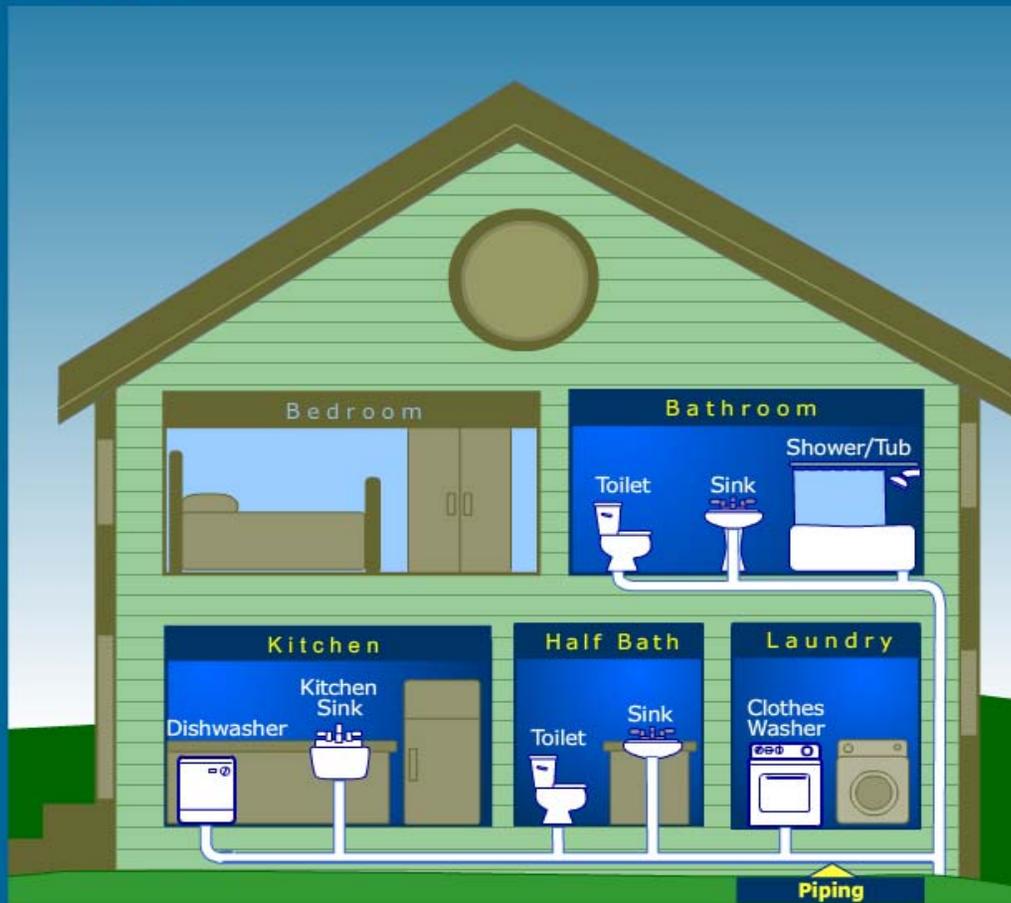
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HOW A SEPTIC SYSTEM WORKS



Wastewater Source (House)

The source of wastewater is the domestic water used in homes, schools or businesses that the treatment system serves. Domestic wastewater is water discharged from plumbing fixtures, appliances, toilets, baths, laundry and the dishwasher. Wastewater is typically 99.9% liquid.

Click on the home water applications to learn their uses and misuses.

[Overview](#)

[To Septic Tank](#)

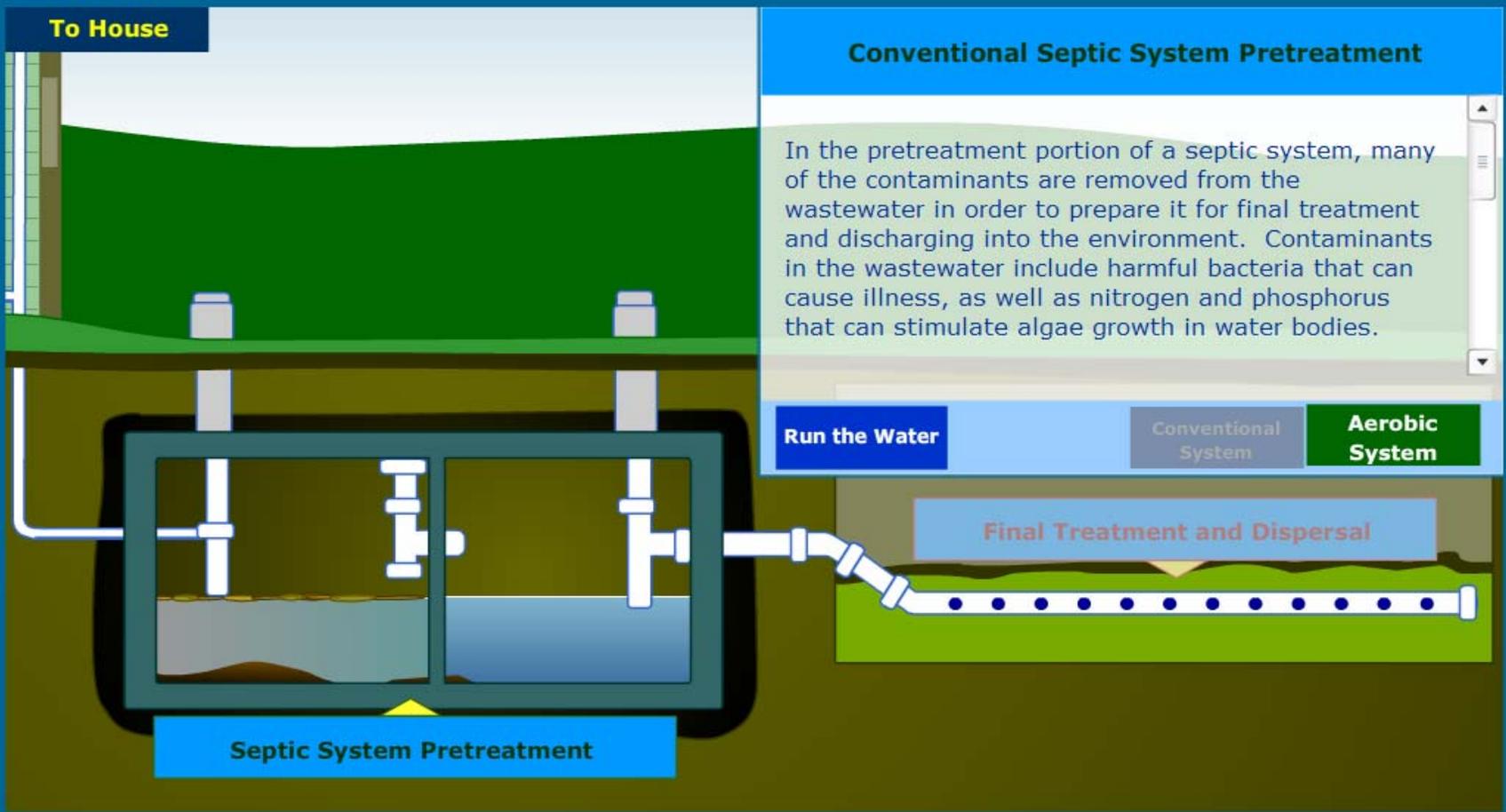
OSSF Online Educational Module

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HOW A SEPTIC SYSTEM WORKS



Conventional Septic System Pretreatment

In the pretreatment portion of a septic system, many of the contaminants are removed from the wastewater in order to prepare it for final treatment and discharging into the environment. Contaminants in the wastewater include harmful bacteria that can cause illness, as well as nitrogen and phosphorus that can stimulate algae growth in water bodies.

Run the Water

Conventional System

Aerobic System

Final Treatment and Dispersal

Septic System Pretreatment

OSSF Online Educational Module

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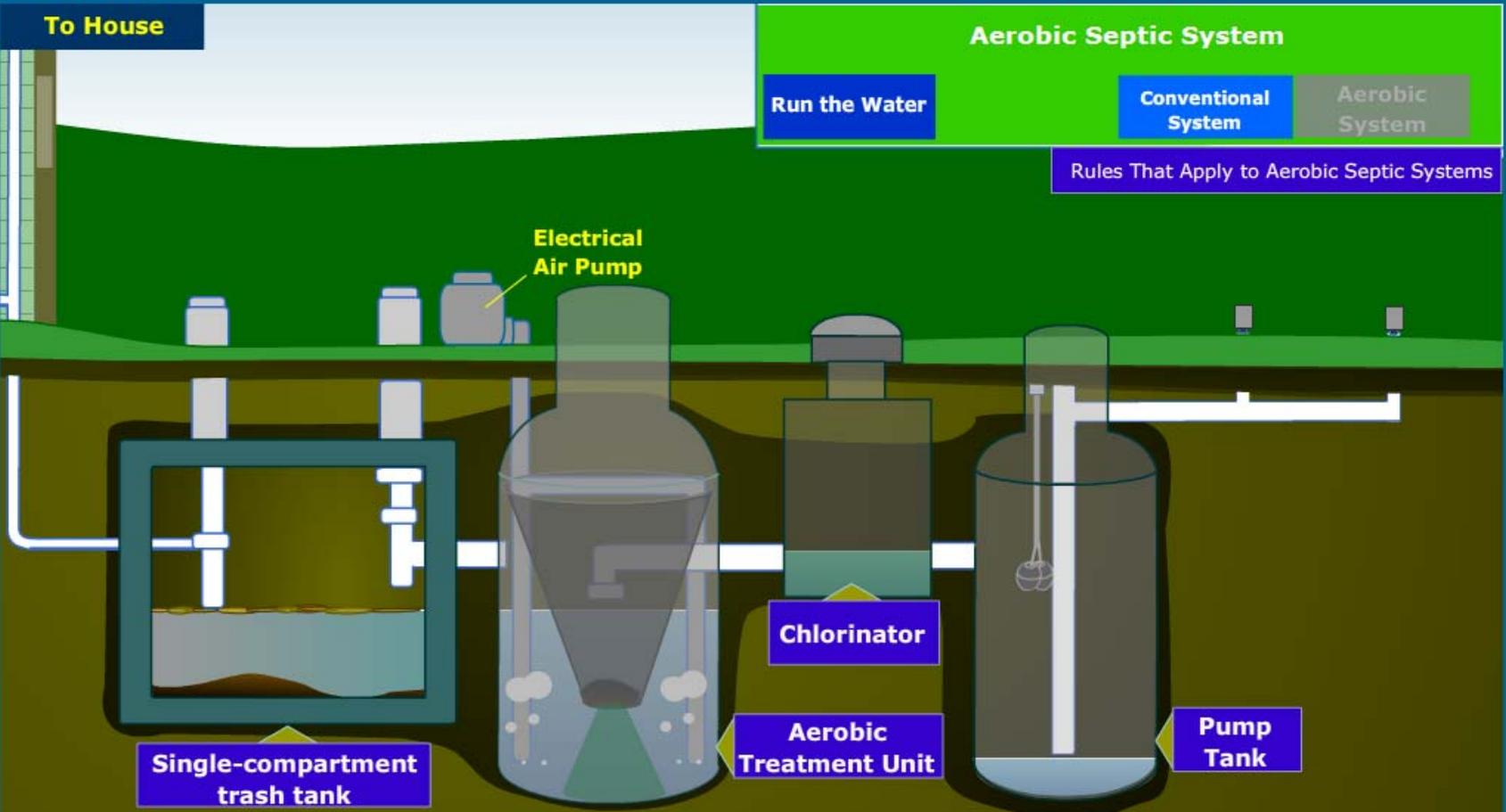
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HOW A SEPTIC SYSTEM WORKS



Onsite Wastewater Treatment System Workshops

- August 26, Onsite Wastewater Treatment Systems 201 Workshop was held for practitioners at the Hays County AgriLife Extension Office in San Marcos for 60
- August 29, Homeowner Maintenance of Septic Systems Workshop was held at the Caldwell County AgriLife Extension Office in Lockhart for 20.
- These will be held again in 2009.
- A free Aerobic System Workshop was held in Comal County on Dec. 17 at the AgriLife Extension office located at 325 Resource Drive in New Braunfels from 9 to 4:30.

OSSF Assistance in Hays County

- Held meetings with Hays County on the potential of ORCA funding for Septic Systems.
- 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.
- Created a Wastewater Working Group to prioritize projects and develop a proposal.

Outreach and Education with 106 Grant Funding Continued

- TCEQ Fats, Oils, and Grease Workshops are in the process of being coordinated
- Site Assessment Visits have been scheduled for the
 - Luling Water Treatment Plant
 - GBRA Managed Wastewater Treatment Plant Facility

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
- Lee Gudgell with GBRA made presentations to multiple groups within the watershed on this cleanup effort
- Caldwell County received a Solid Waste Grant to fund a person, truck and trailer to clean up illegal dumping in the county



Lockhart Town Branch Community Cleanup

- Lockhart Community Cleanup occurred on Sept. 20 from 9:00am -1:00pm
- Cleanup of five City of Lockhart Parks along Town Branch
- Great Success with over 400 people in attendance
- Environmental Fair and local Band played
- Will become the Earth Day Event in Lockhart



Town Branch Cleanup



Texas Watershed Steward Training

- December 4, 2007 at Plum Creek Community Meeting Room in Kyle
- 42 Participants for day long training, received a certificate
- 2nd 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 on March 25th, 2009.
- SAFE includes morning indoors instruction and than an afternoon field irrigation audit with almost 50 participants.



Additional Implementation Projects

- ORCA Grant Funding for Wastewater Projects
- Additional 319 Funding for Cities
- SRF for Wastewater Projects
- Continuing Outreach and Education
- Long Term Sustainability of Partnership –
501(c)3 or some other potential for long term



PCWP

Steering Committee Meeting

Thursday, May 07, 2009

6:00 to 9:00 pm

