

OSSF Real Estate Visual Inspection Training

Agenda

Thursday August 11, 2011, 9:00 AM – 4:00 PM
Spring Creek Nature Center
1300 Riley Fuzzel Road
Spring, Texas 77386

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|----------|---|
| 9:00 am | Welcome and Introductions
Todd Running, H-GAC |
| 9:15 am | An Introduction and Background Information Regarding Onsite Sewage Facilities (OSSFs)
Jeff Murray, H-GAC |
| 10:15 am | Break |
| 10:30 am | How to Visually Inspect a Conventional OSSF
Will Merrell, H-GAC |
| 11:15 am | Lunch |
| 12:15 pm | How to Visually Inspect a Low-Pressure Dosing (LPD) OSSF
Will Merrell, H-GAC |
| 1:00 pm | How to Visually Inspect an Aerobic Treatment Unit (ATU)
Jeff Murray, H-GAC |
| 1:45 pm | Concluding Thoughts and Questions |
| 2:30 pm | OSSF Practical at Mercer Arboretum and Botanical Gardens |
| 4:00 pm | Conclusion of Training Workshop |

Prefix	LastName	FirstName	Organization	Department	Title
Ms.	Alexander	Ashley	Texas State Soil and Water Conservation Board		NPS Project Manager
Mr.	Austin	Jordan	San Jacinto River Authority	Lake Conroe Division	
Mr.	Beckford	Raymond	Harris County	Public Infrastructure Department	Architecture & Engineering Division, Stormwater Quality, Assistant Section Manager
Ms.	Branch	Darla	Texas Commission on Environmental Quality	Region 12	On-Site Sewage Facility Program, Environmental Investigator
Ms.	Brown	Barbara	Mini Moos Cow Farm		Farmer
Mr.	Burgeois	Mack	Eastex Environmental Laboratory, Inc.		
Mr.	Cain	Roland T.	Biosphere Consultants, LLC		Environmental Scientist
Mr.	Carothers	Jack H.	Harris County	Commissioner Precinct 2	
Mr.	Carter	Steve	Lone Star Home Inspections		Owner
Ms.	Dalhaus	Nyla S.	Montgomery County	Environmental Health Services	On-Site Sewer Facilities
Mr.	Duffey	Timothy B.	Harris County	Pollution Control Services	Senior Investigator
Dr.	Elizondo	Roy	Montgomery County	Environmental Health Services	Environmental Health Division
Mr.	Felan	Ricardo "Rick"	Texas Commission on Environmental Quality	Region 12	
Ms.	Fox	Jennifer	Harris County	County Attorney's Office	Environmental Division
Mr.	Gamboa	Jose Luis	Washington County	Environmental Department	Environmental Specialist
Mr.	Gregory, Jr.	James	City of Pasadena		
Mr.	Grier	W. Adam	Harris County	Public Infrastructure Department	Watershed Protection Group, Stormwater Quality Section, Inspector
Mr.	Guy	Wade	Harris County	Pollution Control Services	Monitoring and Sampling Coordinator
Mr.	Hajdik	Kenneth	City of Orchard	Public Works Department	Water & Sewer Manager and Owner of Hajdik's Enterprises
Ms.	Holifield	Millie	City of Missouri City	Public Works Department	Utilities Coordinator
Ms.	Hymer	Debbie	Harris County		Office Assistant
Mr.	Jackson	Ronnie	Harris County	Public Health & Environmental Services	Industrial Inspector
Mr.	Johnson	Chris	Harris County	Public Infrastructure Department	Watershed Protection Group, Inspector Stormwater Quality Section
Mr.	Johnson	Matthew	Harris County	Public Health & Environmental Services	WIC Centers, Humble WIC Center Supervisor
Ms.	Kmiec	Cynthia Renee	Washington County	Environmental Department	Environmental Specialist
Ms.	Laird	Kimberly	Texas Commission on Environmental Quality	Region 12	Water Section Technical Specialist
Mr.	Lange	Jason	Harris County	Public Infrastructure Department	Architecture & Engineering Division, Stormwater Quality Section, Engineering Technician
Ms.	McIntosh	Susan	Harris County	Public Infrastructure Department	Watershed Protection Group, Stormwater Quality Section, Senior Inspector
Mr.	Okonkwo	Nwachukwu Sam	Texas Commission on Environmental Quality	Region 12	Water Quality Management, Environmental Investigator

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Mr.	Patel	Nikesh	City of Missouri City		
Mr.	Pentecost	Stacy S.	Texas Commission on Environmental Quality	Region 12	
Ms.	Price	Diane			
Mr.	Sampson	Shane	San Jacinto River Authority	Lake Conroe Division	
Mr.	Sewell	Brian	Eastex Environmental Laboratory, Inc.		
Mr.	Shrader	John H.	Environmental Health Specialties	Registered Sanitarian, Certified Food Safety Professional, Licensed Pest Control Operator, OSSE Installer II	
Mr.	Sidney	Dave	San Jacinto River Authority	Lake Conroe Division	
Ms.	Sparrow	Nancy L.	Fort Bend County	Records Management / Grants Administration	Coastal Prairie Chapter of Texas Master Naturalist, Communications Chair
Mr.	Staacke	James	San Jacinto River Authority	Conroe Division	
Mr.	Staerkel	Mark	Texas Master Naturalist		
Mr.	Stone	Dustin	Environmental Health Specialties		
Mr.	Swearingen	James	Harris County	Public Health & Environmental Services	
Mr.	Thakur	Shubha	City of Houston	Public Works & Engineering	Water Quality Laboratory, Laboratory Quality Assurance Manager
Mr.	Thompson	Donald	Harris County	Public Infrastructure Department, Architecture & Engineering Division	Watershed Protection, Stormwater Group
Mr.	Urback, PE	Mark	WaterEngineers, Inc.	Water & Wastewater Treatment Consultants	Senior Project Engineer
Mr.	Vue	Lan	Texas Commission on Environmental Quality	Region 12	
Mr.	Walls	James	Harris County	Pollution Control Services	Storm Water Program Administrator
Ms.	Wei	Ying	City of Houston	Public Works & Engineering	Braeswood Laboratory, Clean Rivers Program Manager
Mr.	West	Tyrone	Harris County	Architecture & Engineering Division	
Mr.	Womack	David	Harris County	Pollution Control Services	

Onsite Sewage Facility (OSSF) Real Estate Visual Inspection Training: Welcome

Todd Running



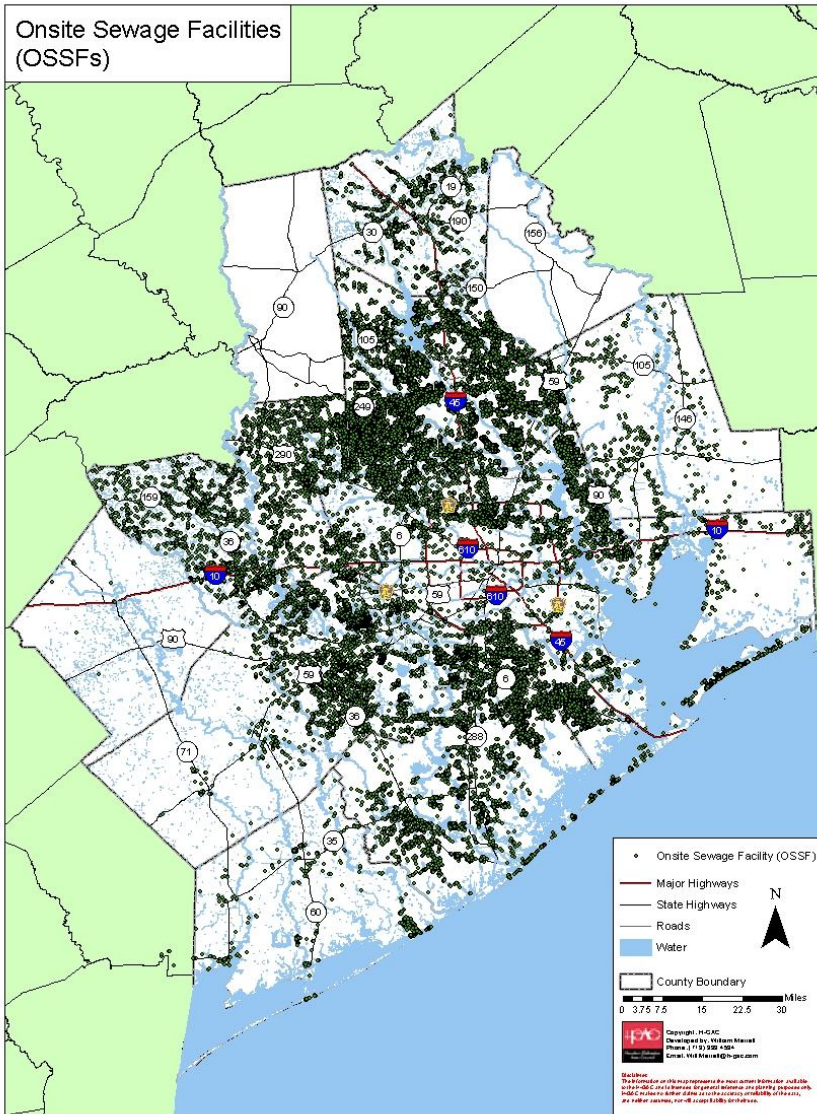
Bacteria is the Houston Area's Number One Water Quality Problem



Approximately 63% of streams in the H-GAC area are impaired by bacteria.



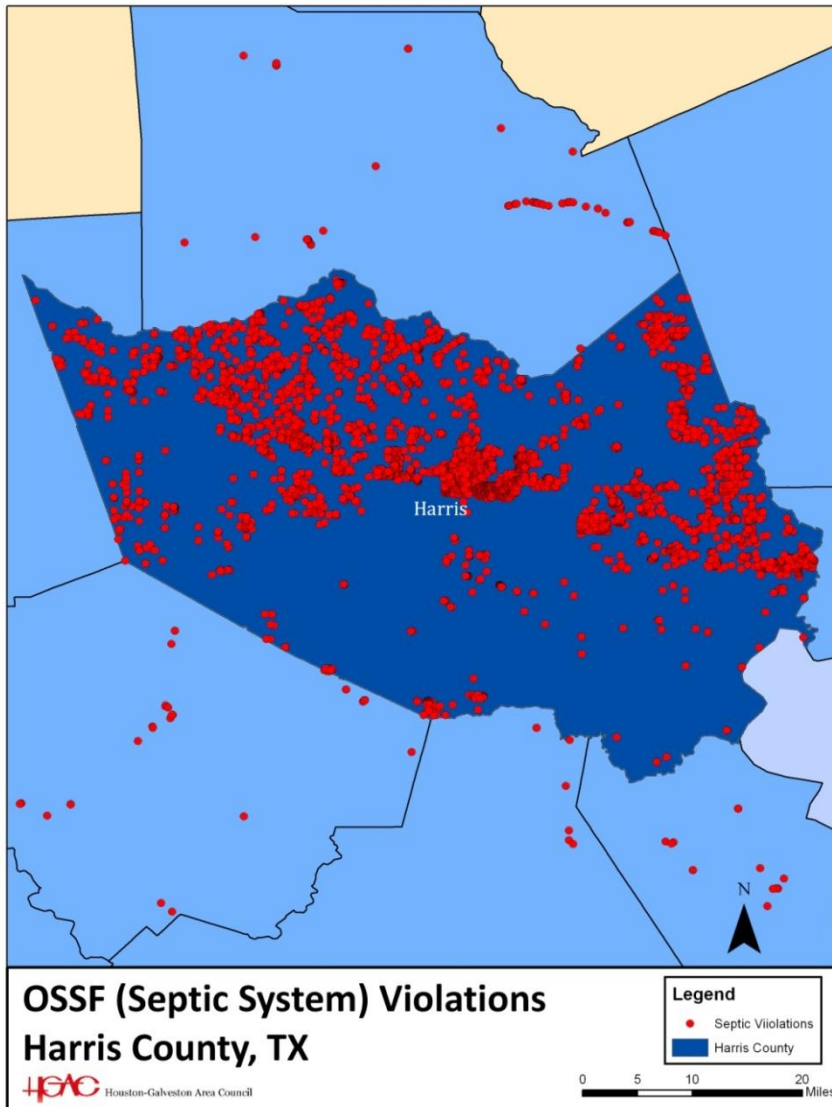
It Is Not Just a Rural or Urban Issue



**About 75,000
Permitted Facilities**



Violations and Complaints



- Single homes in rural areas
- Clusters of homes in suburban development
- Dense areas of failures in urban areas



Bacteria Implementation Group (BIG) Recommends Several Activities for OSSFs

- Identify and Address Failing OSSFs
 - Map permitted and unpermitted systems
 - Identify target areas
 - Pursue Funding
- Address Inadequate Maintenance of OSSFs
 - Homeowner education
 - Encourage Pumpout/repair logs
 - **Coordinate with real estate industry**



Coordination With the Real Estate Industry

- Education Opportunities for Real Estate Agents
- **Education for Real Estate Inspectors**
- Education for Consumers



Reduce the Number of Homes on the Market with Failing OSSFs

■ ■ ■ Before



■ ■ ■ After



Enjoy the workshop!