Appendix D

On-site Wastewater Stakeholder Meeting
August 1, 2011, 1-5
DNR Elm Street Conference Center, Jefferson City, MO

Crystal Lovett-Facilitator

Introduction of all speakers and attendees
82 attendees including 22 DHSS/DNR staff

Speakers:

Dept Natural Resources	Dept Health and Senior Services
John Hoke	Mary Glassburner
Chuck Harwood	Jim Gaughan

Crystal Lovett, stated goals for the stakeholders

The Department of Natural Resources (DNR) and the Department of Health and Senior Services (DHSS) shall jointly hold stakeholder meetings for (1) the purpose of gathering data and information regarding permits and inspections for on-site sewage disposal systems, (2) to evaluate the data and information obtained and (3) to present their findings and recommendations in a report to be submitted to the general assembly by December 31, 2011.

Chuck Harwood raised question: how many people in the room understood the jurisdictional differences between DNR and DHSS?, by a show of hands from attendees. Between 75 to 80 % of the group raised their hands that they understood the jurisdictional differences.

John Hoke with DNR's Water Protection Program spoke first.

He gave a brief summary of how water quality has evolved in the last 30 years. Starting with the Clean Water Act, Congress determined water in the United States needed to be adequate for fishing and swimming.

Mary Glassburner gave a history of how wastewater sanitation evolved. She listed environmental risk factors that impact human health and discussed DHSS Onsite Wastewater Treatment program mission.
(See slides)

Jim Gaughan covered the health perspective in the state, how 1 in 4 homes do not have wastewater systems. The systems DHSS regulate are "onsite" single-family domestic systems.
(See slides)

Chuck Harwood covered the definition of domestic wastewater and DNR's jurisdiction of single-family residential housing developments/multiple residential housing and recreational developments and all industrial waste, which is everything not defined as domestic wastewater.
(See slides)

David Casselletto handed out sheet of topics the signatories would like to cover in the meeting.

White Board Notes

Challenges/Concerns

- No-discharge lagoons—lack of oversight/lack of regulations
- Older developments with septic on smaller lots
- Need alternatives for small lots—for example, discharging systems
- Need Alternatives for high clay soils
- Enforcement Priorities—wastewater systems are not a priority for local prosecutors
- Maintenance requirements need to be improved and consistent
- Life span of onsite systems
- Funding
- Equity in EPA/DNR (SRF, 319) funding—(1) greater percentage should go to onsite systems, (2) funding should be available to private and public sector, (3) timing should match need
- 3-acre exemption—(1) incorrect interpretation, (2) lack of oversight of installation by DHSS
- Conflict of interest between inspectors and contractors
- Flexibility for water efficiency
- Need more tools to deal with existing systems
- Alternatives for additions to homes

Possible Solutions

- Inspection of onsite systems at property transfer
- Require maintenance of advanced systems
- Regulation of onsite pumpers (1) make trucks more identifiable for tracking, (2) loads should be tracked, (3) require registration of pumpers
- Allow use of surface systems when absolutely necessary
- Provide more EPA funding through 319 grants—federal legislation
- Reduce need for variances
- Public Service Announcements for maintenance on onsite systems
- State-required maintenance
- Performance-based solutions
- Rewrite Green Book (DHSS)
- Collaboration between DHSS and DNR
- Permanent stakeholders meetings
- Clarification of jurisdiction/Redraw jurisdiction –single family/small business; <3000 gal/>3000 gal, 3-acre exemption, < 7 lots
- Provide for administrative enforcement

On-site Wastewater Stakeholder Process and Report Meeting Notes
September 8, 2011

Crystal Lovett – Facilitator

Welcome and Introduction of Speakers and Attendees

Panel Members

Department of Natural Resources	Department of Health & Senior Services
Joe Boland	Mary Glassburner
Chuck Harwood	Mark Jenkerson
John Hoke	Jim Gaughan

Crystal Lovett and panel members gave a presentation of Department of Natural Resources/Department of Health and Senior Services' responses to stakeholder comments from the August 1, 2011 meeting, copy of presentation attached.

Reminder of Report

701.058: "the departments shall evaluate the data and information obtained and present their findings and recommendations in a report to be submitted to the general assembly by December 31, 2011."

Reminder on Changes

Some proposed solutions require a change in law from the General Assembly and Governor.

Some proposed solutions require a change in rules from the Department(s).

Some proposed solutions would not need changes in law or rule, but may require additional resources.

Review and Comments from August 1, 2011 Meeting

Permitting Wastewater Treatment Systems
Malfunctioning OWTS
Funding Assistance
Simplifications/Clarification of Jurisdiction
No Discharge Lagoons
Septage Haulers (Pumpers)

September 8, 2011 Meeting Comments from Stakeholders

Permitting Wastewater Treatment Systems

- Time to get permits

Malfunctioning OTWTS

- Require maintenance for all systems
- Poor on-site evaluations by soil evaluators
- Unsuitable soils
- Statutory change for addressing complaint
- Bring back state level training for installers

Funding Assistance

- Innovative funding source for low income
- Possible partnerships with Regional Planning Commissions
- Property transfer inspections

Simplifications/Clarification of Jurisdiction

- State (DHSS/DNR) vs. County
- Save resources by changing jurisdiction

No Discharge Lagoons

- Don't fulfill Clean Water Act intent
- Regulatory change for deminimus exemptions
- Counties to submit written comments
- Need at least basic permit
- Oversight needed if these lagoons are continued to be in the Tool Box

Septage Haulers (Pumpers)

- CEUs for pumpers and haulers
- Small plants don't want to accept septic waste - transportation is costly
- Grease traps
- Add inventory of facilities that accept waste to the web portal

Addition Comments from Stakeholders

Next five-year term of surface discharges (nutrient levels).

Small communities need answers for wastewater treatment when population decreases.

Existing treatment may not meet new standards.

Examining solutions.

Continuing Authority - decisions can't be only based on money when dealing with treatment plant.

Meeting adjourned

Affiliation	Contact Name	8/1 Attended	9/8 Attended
DNR/DHSS list			
Bio-Gard Inc.	Kyle Shern	Y	Y
Cass County Building Codes Environmetnal	Wayne Tiffany		Y
Cass County Building Codes Environmetnal	Traey Lambertz		Y
Chalfant Soils	Michael L Chalfant	Y	
Columbia/Boone County Dept. of Health and Human Services-Environmental Health Division	Kala Gunier	Y	
Columbia/Boone County Dept. of Health and Human Services-Environmental Health Division	Kris Vellema	Y	
Earthworks Environmental Services	David Ray	Y	
Gredell Engineering Resources, Inc.	Travis Doll	Y	Y
Greene County Resources Mgmt. Dept.	Karen Elmer		Y
Home & Farm Soil Consulting	Dennis M Meinert		Y
James River Basin Partnership	Melissa Bettes	Y	Y
Lake of the Ozarks Watershed Alliance	Donna Swall	Y	
Missouri Farm Bureau	Leslie Holloway	Y	
Missouri Smallflows Organization	Janet Murray	Y	
National Onsite Wastewater Recycling Association	Tom Fritts	Y	
Natural Resource Conservation Service	Troy Chockley, PE	Y	
Onsite Soils, Inc	John H Bauer	Y	
Ozarks Water Watch	David Casaletto	Y	Y
Rep. Darrell Pollock	Rep. Darrell Pollock	Y	
Residential Sewage Treatment Co.	Tom Fritts	Y	
St. Charles County Building Department	Sandy May	Y	
St. Louis County Plumbing Department	Jack Fischer	Y	Y
St. Louis County Plumbing Department	Jim Showmaker	Y	Y

Table Rock Lake Water Quality Association	Gopala Borchelt	Y	
Total Environmental Services, Inc.	Seth Coggin, PE	Y	Y
USEPA-Region 7	Alex Owutaka	Y	Y
USEPA-Region 7	Sarah Hatch		Y
White River Environmental	Rick Helms	Y	
Public Health Agencies			
Audrain City-County Health Unit	Randy Senor	Y	Y
Barry County Health Department	Roger Brock	Y	Y
Barry County Health Department	Jan Cox	Y	Y
Benton County Health Department	Tracy Rank	Y	
Callaway County Health Department	Kent Wood		Y
Camden County Health Department	Kelly Claspill	Y	
Clay County Public Health Center	Joe Reed	Y	
Clay County Public Health Center	Ron Tubb	Y	Y
Cole County Health Department	David Stull	Y	Y
Cole County Health Department	Carl Olson	Y	Y
Dallas County Health Department	Shannon Jackson	Y	
Henry County Health Department	Bonnie Glass	Y	
Henry County Health Department	Fred Boehler		Y
Hickory County Health Department	Chad Foster	Y	
Johnson County Community Health Services	Sabetha Kistner		Y
Laclede County Health Department	Don Myers	Y	
Miller County Health Department	Bruce Jenkins		Y
Miller County Health Department	Katherine Gigrich	Y	
Moniteau County Health Center	Terry Wenkel		Y
Nodaway County Health Department	Tom Patterson	Y	
Pettis County Health Department	Shenandoah Rhoads	Y	Y
Pulaski County Health Department	LaDonna Murray	Y	Y
Ralls County Health Department	Kathy Meyer	Y	Y
Randolph County Health Department	Janet Murray	Y	
Tri-County Health Department	Chris Steins	Y	
Agency Staff			
DHSS	Ellie Glenn	Y	

DHSS	Harold Kirbey	Y	
DHSS	Mary Glassburner	Y	Y
DHSS	Jim Gaughan	Y	Y
DHSS	Mark Jenkerson	Y	Y
DHSS	Rachelle Kuster		Y
DHSS	Ellen Dettman		Y
DHSS	Cherri Baysinger	Y	Y
DNR	Patrick Lynn	Y	
DNR	Robert Stout	Y	Y
DNR	Refaat Mefrakis	Y	Y
DNR	John Madras	Y	
DNR	Lorisa Smith	Y	Y
DNR	Charles Harwood	Y	Y
DNR	Cindy Davies	Y	
DNR	Irene Crawford	Y	Y
DNR	Crystal Lovett	Y	
DNR	Malinda Steenbergen	Y	
DNR	Joe Boland	Y	Y
DNR	Jamie Shinn	Y	
DNR	Philip Wilson	Y	
DNR	Kevin Hess	Y	
DNR	Andy Appelbaum	Y	Y
DNR	Leasue Meyers	Y	Y
DNR	John Hoke	Y	Y
DNR	John Rustige	Y	
DNR	James Helgason	Y	
DNR	Leanne Tippett Mosby	Y	
Donna Swall (LOWA) Invitees			
Ameren Missouri	Warren Witt	Y	Y
Benton County Commission	Bill Gant	Y	Y
Camden County Commission	Kris Franken	Y	
Camden County Waste Water	Jennifer Eblen	Y	Y
City of Osage Beach	Penny Lyons	Y	
City of Osage Beach	Nick Edelman	Y	

Four Seasons Lakesites Property Owners Association	Russ Mitchell	Y	
Four Season Property Owners Association	Nancy Cason	Y	
Lake Area Chamber of Commerce	Joe Roeger	Y	Y
Lake of the Ozark Council of Local Governments	Debbie Rathert	Y	
Miller County Commission	Tom Wright	Y	
Morgan County Commission	Jay Fisher	Y	
Schultz & Summers Engineering	Danny Roeger	Y	
Tri-County Lodging Association	Jim Divincen	Y	Y
	Adrean Fisher		
Other			
Rep. Bart Korman	Bart Korman	Y	
Osage Solutions LLC	Norb Plassmeyer	Y	
Rocky Mount Sewer District	Red Jennings	Y	
Miller Companies/Village FS	Rocky Miller	Y	Y
Miller Companies	Brian Spencer	Y	Y