

ENVIRONMENTAL QUALITY AND WASTE MANAGEMENT TEAM
Post Oak Lodge - July 21-22, 2008

Monday July 21

Keynote Speaker Dan Butler, Director Water Quality Division of OCC

Discussion facilitated by Paul Rossler

- What are the public education needs in the areas of environmental quality and waste management?
 1. Awareness of consumer landscape activities and effect on environment
(Combine 11 with 1) (Combine 47 with 1)
 2. Mosquito control
 3. Recycling **(Combine 37 with 3) (Combine 40 with 3)**
 4. Estimate recreational and aesthetic values for natural resources **(Combine 46 with 4)**
 5. Water conservation **(Combine 5 with 20)**
 6. Help individuals minimize impacts and adopt BMPs **(Combine 49 with 6)**
 7. Impact and management of outdated or non-existing septic systems – onsite sewage **(Combine 38 with 7)**
 8. Understanding private ownership of public resource, water rights/law
 9. Water literacy – basin understanding of science and physics and policies
(Combine 51 with 9)
 10. Educate urbanites on importance of water for agriculture
 11. Human impacts on the landscape **(Combine 11 with 1)**
 12. Recognition of need for sustainability in agriculture and urban development
(Combine 18 with 12) (Combine 23 with 12)
 13. Riparian management **(Combine 17 with 13)**
 14. Conflict resolution for competing uses of scarce resources **(Combine 45 with 14)**
 15. Influence of land management on water balance
 16. Facts about Oklahoma's water supply – quantity and quality (inventory)
 17. Stream bank stabilization **(Combine 17 with 13)**
 18. Societal costs of environmental degradation **(Combine 18 with 12)**
 19. Restoration/rehabilitation practices or techniques **(Combine 48 with 19)**
 20. Ground water/surface water interaction: models, analysis, policy **(Combine 24 with 20) (Combine 5 with 20)**
 21. Education program for city developers and planners **(Combine 25 with 21)**
 22. Understanding air quality issues in agriculture
 23. Timing and methods of application for agricultural inputs **(Combine 23 with 12) (Combine 23 with 28)**
 24. Use of surface water to conserve ground water **(Combine 24 with 20)**
 25. Education on low impact development **(Combine 25 with 21)**
 26. Value of native plants, non-native xeriscaping and suitable urban trees
 27. Water treatment and wastewater treatment
 28. Soil testing/rational use of fertilizers and chemicals **(Combine 23 with 28)**
 29. Alternative transportation
 30. Oil and gas impacts and mitigation
 31. Impact of industrial municipal and agricultural by product applications
 32. Demand for water to produce alternative fuels

33. Using waste streams as an energy source
34. Energy efficiency and ethanol education
35. Function/value of aquatic Biosystems, streams
36. Protecting natural resources from bioterrorism
37. Process waste reduction **(Combine 37 with 3)**
38. Wastewater management and septic tank maintenance: aerobic systems
(Combine 38 with 7)
39. Soil erosion and sediment losses
40. Consumption: composting, re-using, hazardous waste disposal **(Combine 40 with 3)**
41. Soil/water/air interactions
42. Cost and benefits of BMP adoption
43. Energy efficient buildings
44. Management for carbon sequestration
45. Appreciation for perspective of others **(Combine 45 with 14)**
46. Value of wildlife in natural environments **(Combine 46 with 4)**
47. Individual contributions to environmental degradation and cumulative affects
(Combine 47 with 1)
48. Cost/limit of recovery of remediation **(Combine 48 with 19)**
49. Value of BMP to individual vs. the community **(Combine 49 with 6)**
50. Natural history and systems education in public schools
51. Illegal dumping effects on water quality **(Combine 51 with 9)**
52. Public interpretation of water quality tests

Tuesday July 22

Dave Engle update

How to play nice together and be effective – (Renee Daugherty)

Research-Extension Team meetings - Develop: 5-year plan: Mission, Outcomes, activities, and reporting schedule

11:00 – 11:30 Group reports and wrap-up