



**Missouri Nutrient Loss Reduction Strategy**  
**Draft Outline and Text**  
**January 21, 2014**

\*\*\* means first draft sent to group prior to January meeting.  
\*Means some work is done, but first draft is not complete.

**\*\*\*Introductory Message from Sara**  
Draft 1 completed

**\*\*\*Forward: How to use this strategy document**  
Draft 1 completed

**\*\*\*Executive Summary**  
Draft 1 completed

**\*\*\*Introduction**  
Draft 1 completed

**Policy Basis for this Strategy**

**\*\*\*Vision**

Draft 1 completed

**\*\*\*\* Task Force and Missouri's participation since 2001**

Draft 1 completed

**\*Stoner memo – critical elements required**

**CWA – Point source regulation, Non-point source incentives**

**Accountability**

**Annual Reporting**

**Numeric criteria for nutrients**

**\*Nutrient Impacts in Missouri and the Gulf of Mexico**

**\*\*\* Past and Current Actions in Missouri**

Draft1 completed

**\*Strategy Development**

**Broad group of interested parties**

**Build on existing partnerships**

**Create an accessible document for those not engaged in this topic day-to-day**

**Match to the EPA guidance (Stoner March 16, 2011 memo)**

**Divide individual strategies by audience**

**Have experts write the individual strategies**

**Credibility, public involvement, practicality**

**Use of Science**

**What we know**

Watershed characteristics items

Use select data analyses  
USGS source and fate and transport references

**Large Uncertainties**

Sources, fate, transport, processing, legacy issues and lag times

**\*Adaptive Management – 5 year approach**

**\*Longer-Term Goals**

**Need for Monitoring**

Monitoring and Knowledge-Based Targeting

**\*Watershed-Based Approach and Work within Watersheds**

**Development of Actions**

**Variability across Missouri**

**Most Actions will be Voluntary**

**Involvement of the experts and those who will implement**

**Actions**

**Division into 7 groups**

**Introduction to this section**

**Summaries of the strategies by group**

Area A: Waste water

Area B: Urban non-point source/Stormwater/MS4

Area C: Industrial

Area D: Crop lands

Area E: Pastures

Area F: Animal Agriculture

Area G: Forests

Area H: Miscellaneous (e.g. watershed scale planning)

**Projected 5 Year Reductions**

Use estimates from above and effectiveness estimates

**Next Steps**

**Coordination between Agencies, groups, individuals**

**Implementation**

**Watershed planning Cycle**

**Dissemination of information and successes**

**Monitoring and Sharing of Information**

**5- Year Reassessment**

**Closing**

**Literature Cited**

(Will need to add new references and delete unused ones)

**Appendix A: Potential Actions**

Will be compiled by the 7 teams

**Appendix B: Contact information for implementing partners**

**Appendix C: Acknowledgements**

**Contributors (by group)**

**Other participants in process (attended meetings, etc.)**

**Appendix C: Data**

**303d list of water impaired by nutrients or their impacts**

**WQ monitoring sites with nutrient or related parameters measured**