



## **Additions to Appendix A – Literature Reviewed**

### **Saturated Buffers**

Only one study was reviewed as saturated buffers are relatively new and effect on nitrate concentration reduction is heavily dependent on design considerations (sizing) (Jaynes and Isenhart, 2014).

(Jaynes and Isenhart, 2014)

This research evaluated a saturated buffer established in in Fall, 2010 within the Bear Creek Watershed in Central Iowa. Load reduction estimates were based on measured flow rates through the water control structure and water samples collected within the structure and within groundwater collected within transects of groundwater monitoring wells downgradient from the distribution tile. Nitrate reduction ranged from 35 to 59% over the first three years. All available data were added to the practice table.