

## MORGAN COUNTY DRAINAGE BOARD

*August 1, 2005  
11:00 A.M.*

DRAINAGE BOARD MEMBERS PRESENT WERE: NORMAN VOYLES (Commissioner), JEFF QUYLE (Commissioner), AND BRIAN GOSS (Commissioner) and TERRY BROCK (Surveyor).

### MEADOW LAKE - MOORESVILLE

Ross Holloway asked if this item and the Spring Lakes Major Subdivision could be tabled because they did not have drainage approval back yet. Spring Lake might be withdrawn. Terry Brock stated that an aqua swirl was designed for the Meadow Lake project and they are in the process of changing it from a three-bay to a four-bay. Jeff Quyle asked if an aqua swirl was a sediment control device. Mr. Brock stated that it is. Mr. Holloway stated that aqua shield, aqua swirl, and storm scepters all work on the same principle, the water comes in on one side and vortex action slings the sediments to the outside and the clean water goes out. Mr. Holloway stated that the Morgan County Storm Water Ordinance states that 80% of the total suspended solids must be removed for every storm, versus Marion County's ordinance that requires 80% removed on a yearly average. Mr. Holloway stated that these systems are designed for 1" of rainfall over the impervious area. A lot of rainfall events are smaller than that, so what they are actually capturing is a larger percent of sediments on the smaller events, but on larger events a smaller percentage is captured and over a year's average it works out. Mr. Holloway stated that if the yearly average approach isn't taken then the aqua devices required are extremely large. As an example, Mr. Holloway stated that an SA-7 would comply with Marion County's ordinance, but to meet Morgan County's requirements will take an SA-12, and the price goes from \$25,000 to \$40,000 just for the device. Jeff Quyle asked if there were a requirement to periodically clean out the sediments. Mr. Holloway stated that they will supply a maintenance manual and it will stated that the owner is responsible for removing the sediments and doing the maintenance. Jeff Quyle made a motion to table the Meadow Lake and Spring Lakes items. Seconded by Brian Goss. Motion carried 3-0.

### RULE FIVE EROSION CONTROL

Wade Amos stated that due to changes within the Department of Natural Resources, the Department of Agriculture, and Division of Soil Conservation, there is no one in the county involved in erosion sediment control in post-construction. Because the county's ordinance is more stringent and comprehensive than what the state requires for Rule Five, the county requested jurisdiction to review the development plans. This jurisdiction has been granted. Mr. Amos stated that as far as IDEM is concerned, if a project is going to disturb an acre or more (outside of Martinsville, Mooresville, Brooklyn, and Heartland Crossing) the County Surveyor's Office is responsible. The Surveyor's Office will charge \$250 for the initial review and the plans then go to an engineer. If the plan is approved, the Surveyor's Office does inspections after work starts. Mr. Amos stated that DNR used to do the fieldwork, but with the reorganization within the state departments, they will no longer provide this service and IDEM does not have the staff to carry out this duty. Terry Brock stated that Martinsville, Mooresville, Brooklyn, and Heartland Crossing are MS4 entities by themselves. Mr. Amos stated that once each entity's stormwater plan is approved, Rule Five will cease to exist in Morgan County; it will be MS4 driven activities. Mr. Brock stated that if the county doesn't take it over, it won't be done. Mr. Brock stated that if the county fails to do anything, it will lead to problems as well as fines. Jeff Quyle asked if this was affecting every county in the state. Mr. Amos stated that they lost 25 inspectors. Mr. Brock stated that he talked to Hendricks, Hancock, and Hamilton counties and they are also taking over their own MS4 management.

### INDIAN CREEK LEVEES (Holloway)

Terry Brock stated that he and Norman Voyles went to a meeting with DNR, property owners, and the Highway Department. There were several heated discussions regarding levees. Mr. Brock stated that as a result of this discussion, he will walk the levees with

representatives from DNR. DNR will make a determination at that time whether they have jurisdiction. Jeff Quyle asked if the issue was whether some of the levees were put in place illegally. Mr. Brock replied that that is exactly the issue.

LETTER TO MUNICIPALITIES

Terry Brock stated that his office would resubmit a letter to all municipalities reminding them that the county still has jurisdiction in the buffer zone for drainage and Rule Five issues.

ADJOURNMENT

Brian Goss made a motion to adjourn. Seconded by Jeff Quyle. Motion carried 3-0.

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Terry Brock, Surveyor

Norman Voyles, Commissioner

Jeff Quyle, Commissioner

Brian Goss, Commissioner

ATTEST:

Mae Cooper, Auditor