

MINUTES OF THE  
STORM WATER APPEALS BOARD (SWAB)  
MEETING OF OCTOBER 28, 2009

1. **OPENING** – The Storm Water Appeals Board (SWAB) met in session on Wednesday, October 28, 2009 at 8:30 a.m. in the Auditorium of the Williamson County Administrative Complex. Chairman Rick Schuff called the meeting to order. A quorum was present. Attendees were:

- 1.1 **Board Members**

- John Minton, Homebuilders Representative
    - Brad Hoot, Community Representative, Secretary
    - Dan Crunk, Development Representative
    - Cheryl Wilson, County Commissioner
    - John Kinnie, Agricultural Representative
    - Dorie Bolze, Environmental Representative, Vice-Chairman
    - Rick Schuff, Engineering Representative, Chairman

- 1.2 **Staff**

- Floyd Heflin, County Engineer
    - Michael Scott, Storm Water Quality Coordinator
    - Debbie Smith, Administrative Assistant
    - Kristi Earwood, Attorney for the SWAB

- 1.3 **Representative for Appeals**

- Kevin Gangaware, Civil Site Design

2. **APPROVAL OF SEPTEMBER MINUTES** – Mr. Schuff opened the floor for comments on the September minutes. He suggested two changes. Mr. Crunk commented on the dates of the 2010 meeting, however, the minutes were incorrectly dated as 2009. The dates approved at the August meeting were correct, but minutes should reflect that it was for the 2010 November and December meetings.

Dorie Bolze moved to approve the minutes as corrected, seconded by John Kinnie. The motion was unanimously approved.

3. **10-28-09-02 - Appeal for 2600 Hillsboro Rd.**

- 3.1 **Introduction by Staff** – Mr. Scott reviewed the Staff report for the record. (See file) Kevin Gangaware handed out additional information to the board.

**3.2 Appellant Case** – Kevin Gangaware passed out a revised plan with landscaping. He indicated his associate may have misunderstood the wetland landscaping requirements, so they have revised the plan.

Mr. Gangaware indicated that in one wetland area there is an intermittent stream that starts in the location where the berm will be placed. He added that there will be no removal of any existing vegetation to construct this berm, and a substantial amount of vegetation will be added upon completion of the pond. This pond will have a drainage basin of approximately 100 acres, will provide detention of peak runoff and could reduce peak runoff from 20%-40% for storm events. A portion of this pond will be used for geothermal heating/cooling for the residence. The depth in the area for the geothermal installation is required to be 12 feet, and the size of the pond was determined by the engineering firm that designed the unit for the residence.

Mr. Gangaware indicated the berm would be 20 feet wide at the top of the berm with a 12 foot wide maintenance drive to access the rear portion of the property. The width of the berm also helps provide stability for the lake. The option for moving the lake out of the WNA, would require moving it higher into the hillside which would require a 28-30 foot high berm with additional safety concerns.

**3.3 Public Hearing** – Commissioner Jack Walton indicated he had been on a site visit and did not think the Waterway Natural Area encroachment would affect water quality, hopes that it could alleviate some of the flooding problems in Hunterwood and around the Grassland Schools. He indicated he had heard from some of the residents in his district. However, no negative comments were made about the request.

**3.4 Board Discussion** – John Minton asked how many wells were proposed. Mr. Gangaware indicated it depends on the yield of water that is found during drilling as to how many wells will be dug.

Dorie Bolze asked what type of features the buffer is currently protecting? Mr. Heflin indicated it currently protects where the State has identified where the start of stream, but it is not a defined channel. Dorie Bolze asked how far into the buffer the berm is proposed? Mr. Gangaware indicated the encroachment into the buffer is approximately 100 feet by 160 feet with a berm slope of 3 to 1. He also added that 2 of the 3 approvals have been obtained for construction to begin on this project.

Dorie Bolze asked what the basis was for the size and shape of the lake. Mr. Gangaware indicated the engineer for the geothermal unit designed this lake to meet the necessary requirements for the heating/cooling units. As for the shape, due to the topography of the land, it was necessary to push this lake into

the WNA in order to keep the damn height below 20 feet and meet all Safe Dam criteria. Dorie Bolze added that the state will perform dam inspections even though it does not require Safe Dam Act.

**3.5 Board Action** – Brad Hoot moved to approve this waiver per Section 10.3.D. to allow the encroachment into Waterway Natural Area per the submitted plan, and based upon the water quality improvement, seconded by John Kinnie. The motion was approved 4-2, with Dorie Bolze and Dan Crunk voting against.

4. **Other Business – Annual MS4 Report** – Michael Scott reviewed the MS4 report noting all requirements had been met for the year.

**4.1 Board Discussion** - Dorie Bolze indicated she noticed Liberty Creek was listed on the 303D list, however it is not in the County's jurisdiction. Michael Scott stated it was difficult to separate the list of creeks that were only under the County's jurisdiction and those located within incorporated areas.

**4.2 Public Hearing** – No comments.

**4.3 Board Action** - Brad Hoot moved to approve the Annual MS4 report as submitted, seconded by Cheryl Wilson. The motion was unanimously approved.

5. **AMEC Update** – Floyd Heflin added we are currently working with AMEC to determine necessary changes to the regulations. However, we are reformatting the original document before sending it to the Board.

**ADJOURNMENT** - There being no further business, Dorie Bolze moved for adjournment, seconded by Brad Hoot. The motion was unanimously approved.

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Chairman