

MINUTES OF THE  
STORM WATER APPEALS BOARD (SWAB)  
MEETING OF MAY 22, 2019

1. **OPENING** – The Storm Water Appeals Board (SWAB) met in session on Wednesday, May 22, 2019 at 8:30 a.m. in the Auditorium of the Williamson County Administrative Complex. Temporary Chairman Betsy Hester called the meeting to order. A quorum was present. Attendees were:

**1.1 Board Members**

Andy Reese, Engineering Representative  
Davis Lamb, Development Representative  
Brad Hoot, Community Representative, Secretary  
Betsy Hester, County Commission Representative  
Rob Adams, Jr., Building Representative

**1.2 Staff**

Michael Scott, Storm Water Quality Coordinator  
Floyd Heflin, County Engineer  
Kristi Ransom, County Attorney  
Debbie Smith, Engineering Administrative Assistant

2. **TEMPORARY CHAIR** – Davis Lamb made a motion to nominate Betsy Hester as temporary chair; seconded by Andy Reese. The motion was unanimously approved.
3. **APPROVAL OF MINUTES** – Betsy Hester opened the floor for comments on the March 27, 2019 minutes. Brad Hoot made a motion to approve; seconded by Davis Lamb. The motion was unanimously approved.
4. **03-27-19-02 – Waiver by Dustin Williams, Dale and Associates for a property located at 7711 Barnhill Road**

**4.1 Introduction by Staff** - Mr. Scott reviewed the report for the record.

**4.2 Applicant** – Adam Segar, Dale and Associates, is requesting a waiver in a Waterway Natural Area to complete a driveway for property located at 7711 Barnhill Road. The existing logging road that follows the topography of the property would be converted into a driveway in an effort to minimize disturbance and mitigate potential erosion where the road crosses the creek. The alternatives to this waiver would require extensive fill in the valley or a driveway that is too steep to navigate and could possibly cause more erosion into the creek system.

Andy Reese asked if the culvert would be buried into the stream. Mr. Segar stated that TDEC now requires the burial into the stream to keep the natural flow in the creek.

Mr. Segar confirmed that the project would be overseen by Dale and Associates, Erosion Control and NPDES personnel. Also he noted that once the project is finished it would be completed with vegetation along the sides with grasses.

Betsy Hester questioned the slopes on Lot 4 and the amount of runoff that would occur. Mr. Segar stated Lot 4 has flatter areas in which the building envelopes would be located. Betsy Hester also asked if it would be gated community and if there were more than one entrance to the property. Mr. Segar stated it was not a gated community, and under the County's regulations up to 5 lots are allowed on this easement.

**4.3 Public Hearing** – Adam Young, 7739 Barnhill Road, questioned if driveways would cross any property lines or impact the flow of the creek. Mr. Segar confirmed that the driveway does not cross Mr. Young's property line and will not be disturbing the creek flow.

Deborah Patea, 7855 Barnhill Road, inquired about the size of lots and if density will affect the water table. Mr. Segar stated the lot sizes are a minimum of 5 acres and septic areas have been located for each lot.

**4.4 Board Discussion** – Betsy Hester noted that she drove to the property and expressed concern over approving this driveway based on steep slopes.

Floyd Heflin asked that the driveway waiver was for one (1) lot only.

**4.5 Board Action** – Brad Hoot moved to approve the waiver as submitted, seconded by Rob Adams. The motion was approved 5-1, with Betsy Hester voting no.

5. **03-27-19-03 – Waiver by Donald Rochford, Rochford Realty and Construction for Stephens Valley Subdivision.**  
Brad Hoot recused himself from this item.

Trey Hightower, Gen Hill  
Dr. Kevin Wolfe, CEC

**5.1 Presentation by Staff** – Mr. Scott reviewed the report for the record.

**5.2 Applicant** – David Horwath is seeking approval for a variety of potential bio-retention applications. These options are in the packet and the applicant wants

the board to approve these for past, present, and future Sections if/when other systems fail or are site appropriate. He stated that the state of

Tennessee is in the process of updating these MS4 permit to allow these stormwater filtration systems. The applicant is looking at systems that will meet the future updated MS4 goals.

Dr. Kevin Wolfe, CEC, did a presentation (included with original file) on behalf of the applicant showing sites where similar stormwater control measures have been installed and the process of the installation.

**5.3 Public Hearing** – Linda Lethers, 236 Meriwether Blvd, states that she has not witnessed any stormwater flooding since the installation of the pavers in Stephens Valley. She praises the work that the developer has done on stormwater drainage.

**5.4 Board Discussion** – Andy Reese asked what happened in Alley 3 that required the reconstruction. Mr. Horwath indicated that AT & T drilled through the material and caused a collapse, but since the repair the pavers are working properly.

Andy Reese states that 5 systems are currently in place and not all are operating properly. He questions filtration and infiltration systems and the long term reliability of such systems. He suggested use of a mandatory contract and not leaving long-term maintenance to the responsibility of an HOA. Mr. Horwath stated that Mid TN Erosion is who they get the cleaner truck from and will start ordering it sooner in order to keep the alleys clean.

Andy Reese asked what is in place to make sure the alleys are properly maintained once the developer is gone. Mr. Horwath indicated the required maintenance schedule is in the HOA Covenants.

Andy Reese indicated his concern regarding the high amount of runoff from the residential site.

Rob Adams noted that the growing and cutting seasons are longer here than in the north where the examples are given and wondered how that would affect the system.

Trey Hightower, with Gen Hill Construction Materials, is providing maintenance for the 1<sup>st</sup> year of both systems.

Betsy Hester asked about the previous conditions from January 2018 meeting, if they have met all those conditions. Mr. Horwath stated they have installed the bio-swale.

**5.5 Board Action** – After further discussion, Andy Reese moved to approve the request for the pavers in the alleys denoted with the conditions 2-6 that were applied to the previous paver request, seconded by Davis Lamb. (there was never a final call on this)

Davis Lamb moved to defer this item and requested the applicant submit further information specifically regarding the covenants as they apply to stormwater runoff and condition #4 as previously approved and future maintenance of the alley stormwater measure and the proposed stormwater control measures, as well as escrow fund documents, seconded by Rob Adams, motion was unanimously approved.

**ADJOURNMENT** - There being no further business Davis Lamb moved for adjournment. The motion was unanimously approved.

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Chairman

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Date