

**Minutes
of the
Stormwater Management Committee (SWMC)
June 1, 2017

8:15 A.M.
700 Second Avenue South
Howard Office Building, Sonny West Conference Center**

STORMWATER MANAGEMENT COMMITTEE

(Quorum Required: Four Members)

Committee Members Present:

Mr. Roy Dale, P.E.
Mr. Dodd Galbreath
Ms. Debra Grimes
Ms. Anna Maddox, P.E.
Mr. Slade Sevier, P.E. – Vice Chairman
Mr. Lance Wagner, P.E. – Chairman

Committee Members Absent

Ms. Ronette Adams-Taylor

I. CALL TO ORDER

The meeting was called to order at 8:20 a.m.

II. APPROVAL OF MAY 4, 2017 MEETING MINUTES & DECISION LETTERS

Ms. Paula Kee (Secretary) requested that Pg. 11 of the May 4th meeting minutes be amended as follows:

1. Include a fourth section titled, “Items of Business” with the following two statements added:
 - a. “At the beginning of the meeting, the Secretary stated that the business item, presentation on the Water City USA Adopt-a-Storm Drain Program, was moved to the June meeting.”
 - b. “Mr. Dodd Galbreath stated that his earlier yes vote on the Bellevue site was based upon the evidence that was presented today despite his feelings, and concerns, and curiosity. He did not like the way he voted but felt that he voted based on the evidence.”
2. Include a fifth section titled, “Adjournment” with the following statement:
“The meeting was adjourned at 10:40 a.m.”

Mr. Slade Sevier made a motion to amend the meeting minutes as requested and approve. Mr. Roy Dale seconded the motion. Mr. Dale, Mr. Dodd Galbreath, Ms. Anna Maddox, Mr. Sevier, and Mr. Lance Wagner voted in favor of the motion. The motion carried. Ms. Debra Grimes abstained from the vote

due to the fact that she did not attend the meeting. Mr. Sevier made a motion to approve the decision letters. Mr. Dale seconded the motion which was approved by the same. The motion carried. Ms. Grimes abstained from the vote.

III. STORMWATER MANAGEMENT COMMITTEE AGENDA

Comments were solicited from the Planning and Codes Departments for the following Agenda items.

Mr. Roy Dale recused himself from the first case.

1. 201700012

903 & 905 Curdwood Boulevard

APNs 06110016400 & 06110016300

Inspector: (Katherine O'Hara)

CD-08 (Nancy VanReece)

Technical Reviewer: Tiffany Ibido, Grading Permit SWGR T2016066801

APPLICANT'S REQUEST: Request is to allow 165 cubic yards of cut below the 2-year elevation of Cooper Creek to count towards balancing cut and fill for this project.

APPELLANT: D223, LLC (Mr. Justin Hicks)

REPRESENTATIVE: Mr. Michael Garrigan

COMMENTS:

SW STAFF: There appears to be an alternative to design the wet weather conveyance crossing by using the criteria for a bottomless three-sided culvert similar to the criteria in Table 6-3 of Vol. 1 of the Stormwater Management Manual and eliminate the need for any cut below the 2-year elevation.

CODES: No comment provided.

PLANNING: Approved – Proposed cut and fill as requested in the variance application is required to achieve the intent of the preliminary SP.

Council Lady Nancy VanReece submitted an email (dated 5/30/17) stating: "I understand that the Baxter Station / Curdwood SP will be requesting a variance for uncompensated fill (only 165 cubic yards) in the local floodplain of the "ditch" that Metro Water re-graded last year. I am writing to give my support to this request. They are creating a uniquely affordable product and providing the road connection which will be a huge help to emergency vehicles in the future – not only for the new residents but to the existing ones as well. Let me know if you have a concern that I am not familiar with."

Mr. Michael Garrigan gave an overview of the project and the variance request. There was discussion regarding the channel, the difficulty of spanning with a bottomless crossing, the proposed cut below the 2-year, mitigation plantings, and the Metro requirement for the public road (Anderson St./Matthews Ave.).

Mr. Slade Sevier made a motion to approve as submitted with the following standard Conditions #1-2. Ms. Debra Grimes seconded the motion. Mr. Dodd Galbreath, Ms. Grimes, Ms. Anna Maddox, Mr. Sevier, and Mr. Lance Wagner voted in favor of the motion. The motion carried.

1. The Appellant shall have the landscaper who installs the required mitigation plantings to certify to MWS Stormwater – NPDES Office, in writing (referencing Variance #201700012), once plantings are installed per approved variance plans and again once plantings have been found to meet a two full growing season requirement. The owner shall maintain a minimum of 75 percent survivability of plantings through two full growing seasons.

2. This variance will expire on June 1, 2018. However, if a Grading Permit, Stormwater Single Family Permit, or Building Permit is issued within that period, the variance expiration date will run concurrent with that permit expiration date. The variance is valid only so long as the plan presented to the Stormwater Management Committee does not change.

The reasons for approval were that: 1) it will benefit the area (the public park), 2) they are providing water quality, 3) it is just the cut below the 2-year, 4) it has been studied and looked at and is not supporting a lot of wildlife in the conveyance, and 5) the requirement by Metro to put the road in created the hardship, and 6) the hardship warrants the development.

2. 201700013

911 Cahal Avenue
APN 07209035000

Inspector: (Katherine O'Hara) CD-05 (Scott Davis)\

Technical Reviewer: Kimberly Hayes (No building permit application submitted at this time)

APPLICANT'S REQUEST: Request is to allow the following:

1. Disturbance and encroachment of the 50' stream buffer (30' Zone 1 & 20' Zone 2) of an unnamed tributary to the Cumberland River for the following:
 - a) Construction of a residential structure, patio, and HVAC pad.
 - b) Construction of two swales to create positive drainage away from the structure.
 - c) Installation of temporary EPSC measures and tree protection.
 - d) Removal of a portion of old, asphalt driveway.
2. Waiver of the buffer signage requirement.
3. Continuous mowing and maintenance of the buffer areas.

APPELLANT: Lukens Engineering Consultants

REPRESENTATIVE: Mr. Jim Lukens

COMMENTS:

SW STAFF:

1. Question to the Applicant – The plan shows two grass swales extending into the Zone 1 buffer. Is it possible to stop the swales at the end of the Zone 2 buffer and eliminate these encroachments into Zone 1?
2. The Applicant has requested continuous mowing and maintenance of the buffer. If the variance is approved, Staff requests that a condition be added that a 10' No-Mow/No-Disturb area from top of bank be provided (delineated and labeled on the grading and mitigation plans), and that standard buffer signage be placed at the edge of the 10' strip.

CODES: No comment provided.

PLANNING: Site is zoned R6, defer to Stormwater for review.

GREENWAYS: Greenways defers to Stormwater Staff Comments.

Mr. Jim Lukens gave an overview of the project and variance request.

There was discussion regarding the proposed drainage swales, proposed mitigation, and site drainage. The stream does not have established FEMA flood elevations, and the lot is very flat. The drainage area is less than a square mile but over 100 acres. There was discussion regarding the applicant establishing the 100-year flood elevation and elevating the first floor of the structure to four feet above the 100-year elevation. Redevelopment projects versus those on undeveloped lots was also briefly discussed.

Mr. Lance Wagner made a motion to approve as submitted with the following Conditions #1-4 and standard Conditions #5-6. Ms. Anna Maddox seconded the motion. Mr. Roy Dale, Mr. Dodd Galbreath, Ms. Debra Grimes, Ms. Maddox, Mr. Slade Sevier, and Mr. Wagner voted in favor of the motion. The motion carried.

1. The two swales shall be allowed to extend through the Zone 1 buffer as shown on the Plan of Record.
2. The Appellant shall provide Staff with a 100-year flood study and establish a finished floor elevation on the building 4' above the flood study reviewed and approved by Staff.
3. The Appellant shall provide a 10' No-Mow/No-Disturb area from top of bank (delineated and labeled on the grading and mitigation plans).
4. The Appellant shall place standard buffer signage at the edge of the 10' strip.
5. The Appellant shall have the landscaper who installs the required mitigation plantings to certify to Ms. Kimberly Hayes, MWS – Development Services, in writing (referencing Variance #201700013), once plantings are installed per approved variance plans and again once plantings have been found to meet a two full growing season requirement. The owner shall maintain a minimum of 75 percent survivability of plantings through two full growing seasons.
6. This variance will expire on June 1, 2018. However, if a Grading Permit, Stormwater Single Family Permit, or Building Permit is issued within that period, the variance expiration date will run concurrent with that permit expiration date. The variance is valid only so long as the plan presented to the Stormwater Management Committee does not change.

The reasons for approval were that: 1) they are improving the condition overall of this site with the removal of the previous structure that was deeper in the Zone 1 buffer, 2) they are preserving more of the Zone 1 buffer, and 3) although there will be encroachment into the Zone 2 buffer, overall the buffer system will be improved by this development.

3. 201700014

HCA Health Park
2000 Health Park Drive
APN 16000021100

Inspector: (Kenneth Tranter)

CD-04 (Robert Swope)

Technical Reviewer: Courtney Larson, Grading Permit: SWGR T2017009993

APPLICANT'S REQUEST: Request is to allow disturbance and encroachment of the 50' stream buffer (30' Zone 1 & 20' Zone 2) of a tributary to Sevenmile Creek to:

- 1) Remove 2,400 sq. ft. of existing parking lot
- 2) Repave an existing parking lot
- 3) Install a pervious driveway connection to an existing asphalt drive within the Zone 2 buffer
- 4) Construct a portion of a 2-story parking garage

APPELLANT: Ragan Smith Associates

REPRESENTATIVE: Mr. Brad Slayden

COMMENTS:

SW STAFF: Question to the Applicant – Is it possible to provide additional treatment in the northeast parking lot area (for example, pervious pavement in existing stalls, bioretention in the islands, grass channels, or a proprietary water quality unit)?

CODES: No comment provided.

PLANNING: Conditional Approval – Proposed site plan for variance application is consistent with the final site plan.

GREENWAYS: Greenways defers to Stormwater Staff Comments.

Mr. Allen Ramsey (Ragan Smith Associates) gave an overview of the project and variance request.

Ms. Barbara Kelly, Kelly Road, spoke in opposition to the height of the existing office building, and gave an overview of the history of the agreement for previous development of the subject property (formerly AIG) and excessive tree removal that occurred during its construction. She also expressed concerns regarding where the stormwater would drain for the proposed 2-story parking garage and installed fencing on the site. Mr. Ramsey explained the site parking and that there will be no change in drainage for existing versus proposed conditions. Overall, there will be more pervious area than exists today and less water leaving the site.

Mr. John Logan, 33 Ashington Lane, expressed the concern of Hemmingwood residents regarding the increasing pressure on the weir and two feeder streams of Lake Hemmingwood. He stated that everything draining into the lake from the HCA property is free flow and should not be. The creek that runs along Kelly and into the lake has a history of flooding. He suggested that the Committee be sensitive to their problems in the subdivision. Mr. Ramsey responded with an overview of the existing detention facility in the northeast corner of the property and proposed bioretention areas to meet current stormwater requirements.

Mr. David Howe, 40 Abingdon Court, Vice-President of the Hemmingwood Homeowners Association, stated that there is a presence of Nashville Crayfish. He also stated issues and concerns with trash, installed fencing, and potential blasting.

Mr. Frank Harrell, 10 Abingdon Court, stated that the contractor has disregarded the beauty of the area and dumped trash. He also stated that the creek, closest to the Seven Springs property and farthest from the HCA proposal, reaches capacity and overflows during severe rain storms. There was further discussion regarding the creek and drainage of the site. Mr. Lance Wagner encouraged Mr. Ramsey and his client to meet with neighborhood groups prior to these meetings. There was also some discussion regarding the underground portion of the stream.

The Committee discussed the proposed parking garage being located so close to the buffer (within Zones 1 and 2) and questioned why it could not be redesigned, reoriented, or shifted to stay completely out of Zone 1 or both Zones 1 and 2, or minimize the request. Mr. Ramsey stated that they could get it all out of the buffer, not improve the buffer at all, and leave the existing improvements as they are in the buffer, (without having to return to the Committee).

After further discussion, Mr. Roy Dale made a motion to disapprove the application. Mr. Slade Sevier seconded the motion. Mr. Dale, Mr. Dodd Galbreath, Ms. Debra Grimes, Ms. Anna Maddox, Mr. Sevier, and Mr. Lance Wagner voted in favor of the motion. The motion carried.

The reasons for denial were that: 1) there are ways to redesign and avoid the Zone 1 buffer, 2) there is no hardship that warrants the development in the buffer.

Mr. Roy Dale left the meeting.

IV. ITEMS OF BUSINESS

1. Mr. Hal Balthrop, Assistant Director of MWS – Development Services, introduced Ms. Penny Gilbert (MWS – Development Services) as the new Stormwater Management Committee Coordinator.

2. Mr. Mark Thien, Executive Director of Water City USA, gave a presentation on the Adopt-A-Storm Drain program, developed in cooperation with Metro Water Services (MWS) -Stormwater Division and Hands on Nashville. The program addresses trash before it reaches our waterways by asking teams and individuals to caretake over a single storm drain. By adopting a storm drain, volunteers agree to monitor the drain’s condition and keep it free of trash and debris. There are 44,000 storm drains that are adoptable. The program will identify significant issues with individual storm drains and the causes, and develop a work plan to address them. The Committee was provided the attached overview of the program. Additional contact information is provided below:

Nashville Adopt-A-Storm Drain Program website – <http://www.NashvilleH2o.org/>

For group adoptions, email: Drains@NashvilleH2o.org

MWS Website – <http://www.nashville.gov/Water-Services/Community-Education/Volunteer.aspx>

V. ADJOURNMENT

The meeting was adjourned at 10:10 a.m.

Metropolitan Stormwater Management Committee

Approved:

By: _____
Secretary

Date: _____

Nashville's Adopt-A-Storm Drain Program

The Southeast's first!

Pass any gutter or storm drain in Nashville and you'll see things that shouldn't be there. Plastic bottles, styrofoam cups, leaves and more. Nashville's storm drains lead directly to rivers, creeks and streams, so trash in our community pollutes local waterways after each rain.

Now consider the muddy runoff from construction sites, chemical fertilizers, and small matter like cigarette butts. The E.P.A. says Nashville/Davidson County has nearly 300 linear miles of impaired waterway—one of the worst environmental classifications. By adopting a nearby storm drain, you



Advanced technology

Our GIS-enabled mapping software advances the way environmental fieldwork is managed.

It allows you to choose location-specific storm drains and gutters to adopt based on where you work, live or play.

Then, with your smart phone, laptop or desktop computer, you can send information to us about debris you recovered, real-time conditions such as illegal dumping, potential for flooding, or stolen or vandalized grates.

We're converging science, data and technology to protect local water in ways Nashville has never done before.



Our GIS-enabled interactive mapping.

can help keep our waterways clean. Simply monitor for debris and remove between rainfalls—you're among the first stewards of storm drains in the Southeast!

How to adopt a drain:

It's simple! We seek corporate teams and individuals to adopt Nashville's storm drains.

Here's all you do:

- Visit our interactive drain adoption map at **NashvilleH2o.org/adopt**;
- Choose your drain(s) with our locator tool;
- Enter your contact information to start the information flow;
- Follow our Adoption program outline to monitor your drain and record your weekly efforts (or more frequently if you choose).

For group adoptions, email:
Drains@NashvilleH2o.org



Do good with us. www.NashvilleH2o.org