

Town of Smyrna
Storm Water Management Program
Progress Report to the
Storm Water Advisory Committee
July 18, 2016 at 6:00 PM
Smyrna Town Hall /Council Chambers

- I. Discuss the following Storm Water Management (SWM) Program achievements made from: April 1 through June 30, 2016.
- A. Sixty-four certificates of occupancy issued this quarter were assessed for the corresponding SWU fee then reported monthly to CUD and Utilities. In addition, all SWU fee delinquent accounts were also tracked and reported to Utilities.
 - B. Mr. Rose reviewed all grading permits, in tandem with sediment control reviews by the program coordinator, and attended most pre-construction meetings, where he required the submittal of as-built drawings for each and every project as well as all applicable water quantity concerns.
 - C. TDEC's MS4 program permit is still under public review (ends June 20th) and TDEC has not informed any of the MS4 programs or TNSA as to when the revised local Storm Water Management Ordinances will be due for TDEC submittal. With this said, the Town of Smyrna SWM Ordinance was not completed and is not ready for SWAC review. Eventually, the Town's revised SWM Ordinance will need to be reviewed and approved by the SWAC and the Town Council before being signed by Mayor Reed. It is uncertain if it needs to be submitted by January 2017.
 - D. Received one citizen inquiry about the Storm Water Utility (SWU) user fee.
 - E. Completed writing the quarterly report for SWAC review. This satisfies a MS4 permit requirement.
 - F. Town of Smyrna staff facilitated one monthly SWAC meeting (April) where the quarterly progress report and several Vacant Accounts were reviewed and approved. This satisfies a MS4 permit requirement.
 - G. Reviewed 22 sets of grading plans during three monthly staff plan review meetings then created project files once they were Planning Commission-approved. This satisfies a MS4 permit requirement.
 - H. Began contacting developers soon after their projects are Planning Commission-approved to encourage them to pass the grading permit procedures (mailed with their planning office letter) on to their project manager.
 - I. Corresponded with developers and contractors about several imminent projects concerning grading permit issues. This satisfies a MS4 permit requirement.
 - J. Completed sediment control measure inspections at three construction sites prior to the issuance of their grading permits, none of which were a Town of Smyrna project. This satisfies a MS4 permit requirement.
 - K. Facilitated three official grading permit pre-construction meetings. This satisfies a MS4 permit requirement.
 - L. Issued three grading permits. This satisfies a MS4 permit requirement.
 - M. Approved two Town of Smyrna projects, the Bark Park and the three proposed soccer fields on the west side of Soccer Way.
 - N. Investigated no Illicit Discharge Detection and Elimination (IDDE) issues. This satisfies a MS4 permit requirement.
 - O. In response to TDEC's follow-up visit to the IDDE along the east side of Fitzhugh Boulevard, the Town re-visited the IDDE site to find that all was well and the boom was gone. This satisfies a MS4 permit requirement.
 - P. Interviewed, hired, and trained two MTSU graduate students to serve as summer interns with the responsibility of inventorying storm drains and culverts in the downtown area. Both interns are versed in using GPS units and will determine dimensions, elevations, diameters, and material types of devices used in open ditch and curb and gutter.
 - Q. Dwaine Lawson, Environmental Tech/Inspector accomplished the following, which all satisfy MS4 permit requirements:
 - i. Organized and tracked monthly inspection calendar for all construction sites.
 - ii. Conducted monthly construction inspections and electronically recorded them in PubWorks, and worked with supervisors, developers, builders, and engineers during 179 (59/Apr. + 61/May + 59/June) construction site inspections (Of these ~52 per month are active).
 - iii. Issued one Notice of Violation (NOV) for construction reasons.
 - iv. Participated in three grading permit pre-construction meetings.
 - v. Conducted another round of grease receptacle inspections, by inspecting 96 receptacles and updating the inspection sheet. No letters of warning or NOVs were issued.
 - vi. Investigated no Illicit Discharge Detection and Elimination issues then issued.
 - vii. Continued to work with business owners, property owners, et al to educate and enforce detention basin corrections.

- viii. Continued to respond to citizens' concerns.
 - ix. Reviewed five as-built plan submittals.
 - x. Conducted 112 individual construction lot erosion control inspections.
 - xi. Played a key role in the facilitation of the very successful 9th Annual Boat Day – 11th WaterFest.
 - xii. Began collecting GPS data to improve our Town of Smyrna Stormwater Map. Once two college interns were hired, trained Michael Ioannou and Evan Summerville in field data recording as well as GIS data entry and map building implementation. These gentlemen will be working on this important mapping assignment for around three months.
 - xiii. Worked with Public Works Director on several projects pertaining to ongoing construction projects, drainage issues, and a variety of other projects.
- R. Planned then led Stewart Creek float from South Belaire Drive to Gregory Mill Dam Park as part of the Stones River Watershed Association's annual meeting. Here, the Smyrna Town Manager and wife as well as one town council member and wife attended float and later luncheon meeting/presentation (1).
- S. Planning and arranging for the 9th annual Boat Day has progressed well, with five kayaks being purchased, in addition to ten kayaks and ten canoes being purchased by the Parks Department. This event was held on June 18th at the Jefferson Springs Recreation Area in Smyrna, where Smyrna set a new world record of 364, beating the old record, set in 2010, by 97 guests. Twenty-eight volunteers and exhibitors, a free kayak from Academy, and three electric signs set-out by Joe Sartino were the key to our great success. This satisfies a MS4 permit requirement.
- T. Met with Janet York to discuss the possibility of purchasing kayaks and paddles and Parks Departments manning a Boat Day display explaining the future and progress of the Outdoor Adventure Center then Mr. Rose and Mike Moss approved the purchasing of ten kayaks and paddles, five by the SWM Program and five by Parks.
- U. Held a second spring stream cleanup event at the Stone Crest Medical Center's subsurface conveyance, where 40 volunteers, representing Life Point Church, Bob Parks Realty, Rock Springs Middle School, as well as the Hunt and Green families, removed 40 bags of litter. This satisfies a MS4 permit requirement.
- V. Received 54 certificates of appreciation, signed by Mayor Reed's for the volunteers assisting in the aforementioned spring stream cleanup then distributed them. This satisfies a MS4 permit requirement.
- W. The construction of a rock berm along the TDOT right of way with the Stone Crest Medical Center is on hold until later in the summer. A spring cleanup removed an immense amount of litter from this same site. This satisfies a MS4 permit requirement.
- X. Danita's daughter, Lauren Hunt assembled 80 environmental education packets for us, which will be distributed at the upcoming Boat Day and future fall stream cleanups. This satisfies a MS4 permit requirement.
- Y. Sent letters to all principals of the 14 public schools in Smyrna, inviting them to participate in a new Adopt-A-Stream program. Two principals and one teacher have responded favorably thus far. This satisfies a MS4 permit requirement.
- Z. Calculated sidewalk lengths, crosswalk lengths, and number of truncated domes for two projects; Mason Tucker Drive, from Sam Ridley Parkway to Todd Lane and Florence Road, along the portion being widened, from Enon Springs Road East to Rebel Road. Cost estimates were added then Mr. Rose sent both as grant submittals to CMAQ.
- AA. The nine surviving seedlings were planted along top of bank of Stewart Creek, on the Toby Francis' property. The SWM Program will be working in conjunction with Mr. Francis on this project.
- BB. The Public Works Office Coordinator handled 13 citizen inquiries regarding storm water drainage issues during this same time frame.
- CC. Continued to provide public works director with daily reports from which this quarterly report was written. (29 program achievements and 13 achievements for Dwaine Lawson).