The Watershed Erosion Task Force convened in the Community Room for a member-consultant pre-discussion, prior to the public workshop beginning at 9:00 a.m. Co-Chairs Archeski and Remy called the pre-discussion to order at 8:00 p.m., on Saturday, March 7, 2020, 16860 Main Street, Wildwood, 63040. This meeting was recorded for public viewing afterwards.

I. Welcome and Roll Call of Task Force Members

A roll call of members was taken, with the following results:

Present: Citizen Members Guenther, Uetrecht, Sturman, Holthouse, Rambaud, Archeski, and Gaultney and Council Members Gragnani [arrived 8:52], Edens, Remy, Farmer [arrived 8:45], and Garritano.

Absent: Citizen Members Tripp and Council Members McCutchen, Bopp, and McCune.

Staff Present: Director of Planning and Parks Vujnich, Assistant Director of Planning and Parks Arnett, and Senior Planner Gaston.

Others in Attendance: City Council Member Bertolino, Mr. Mark Meyer, Dr. David Hammer, and Mr. Ross Hammer.

II. Opening Remarks by Co-Chairs Archeski and Remy

Co-Chair Remy welcomed the consultants, which Director Vujnich then introduced Dr. David Hammer and Mark Meyer, noting their respective backgrounds in watershed planning. Dr. Hammer is a skilled geomorphologist, who has 25 years of City history, and will be primary contact for the field investigations and code review, with the Critical Locations and City Regulations and Plans Subcommittees, respectively. Mr. Meyer, who has past practice of organizing municipal workshops, will provide field training and be available on an as-needed basis for these efforts thereafter.

Open discussion commenced between the Task Force and the consultants with regard to updating code regulations to allow the City to enforce stricter requirements within creek,
floodplain, and riparian zones. Evaluation of creeks and identification of problem areas was heavily deliberated, mostly regarding consistency between each authorized stream inspector, as well as from each creek, section-to-section.

The pre-session concluded and the Task Force and consultants reconvened in the Council Chambers and began the public session, with over seventy-five (75) individuals in attendance.

III. Overview of Stormwater Impacts Over the Past Twenty-Five (25) Years in Wildwood and Regulations in Place to Assist in Further Creek Degradation by Dr. David Hammer.

Dr. Hammer began with a slide presentation that provided the audience an in-depth history of the Caulks Creek Area, with a comparison from early 2000’s to current day [this presentation, The Wildwood Storm Water Conundrum, is on file with the Department of Planning]. The presentation provided the audience with comparison of it with Wild Horse Creek, thus an understanding of rampant growth in the former watershed area to the still-pristine conditions of the latter, due to the prior jurisdiction’s re-zoning for thousands of new homes to be developed in the northeast quadrant of Wildwood, just prior to the incorporation of the City. Problems identified in this developed watershed included loss of property to floodway areas, erosion and flooding of properties, and impacts to infrastructure – specifically to utilities, bridges, and roadways.

IV. Introduction of Field Evaluation Process by Mark Meyer, Intuition and Logic, and Dr. David Hammer

Mr. Meyer continued the public session with training, explaining the creek evaluation process and using the Channel Condition Data Collection form for consistency between inspectors and creek sections, ensuring uniformity of data across the board [this training workshop slideshow, by Intuition & Logic, is also on file with the Department of Planning]. Again, purpose of the training is to evaluate the stream channels based upon standardized collection criteria, such as: bank slope [angle], height, vegetative cover [or lack thereof], obstructions, and sediment deposition and movement of such, utilizing a score of good = 1, fair = 2, or poor = 3. After the presentation, Mr. Meyer welcomed the audience to participate in a brief evaluation exercise on a series of slices to gauge its comfort in comparable results.

V. Updates from Subcommittees on Work Programs (Five (5) Minutes per Update)

The Subcommittee leaders presented to the audience the tasks each had identified in the Fall 2019 and the status of data-gathering to date.

VI. Field Visit to Caulks Creek at Anniversary Park Location

With the training workshop concluded, the Task Force and other attendees were invited to the next session: a field trip to Caulks Creek, in the vicinity of 16511 Clayton Road. The group departed City Hall at 10:45 a.m., reconvening at Anniversary Park at 11:00 a.m.
Again, both consultants summarized the issues that were evident in this segment of Caulks Creek and answered evaluation and data collection questions of the Task Force and residents, of which 30 were in attendance, as follows:

Task Force Citizen Members Guenther, Uetrecht, Sturman, Holthouse, Rambaud, and Archeski; Council Members Gragnani, Garritano, Remy, Edens with father, Steve Edens; and Farmer with wife, Candance and daughter.

Residents in attendance included: Tracey Nyhan, Christine Walker, Frank Ihardie, Joe Frazzetta, Emma Dolley, Terry Brennan, Ike Fortscheller, Dennis Lavallee, and Tom Finley.

Consultants Mark Meyer, Dr. Hammer, and Ross Hammer; field photographer, resident Greg Barth, and City staff members Director Vujnich, Assistant Director Arnett, and Senior Planner Gaston.

VII. Other Matters for Consideration – None at this time.

VIII. Closing Remarks and Adjournment by Co-Chairs (at site visit location)

Co-Chairs Remy and Archeski thanked everyone for their interest and attendance, as well as welcoming them to attend the next meeting of WETF on Tuesday, March 31, 2020, at 6:30 p.m. The field exercise then concluded.
Watershed Erosion Task Force - Collection Data Form

This form is to be used in the field by members of the WETF completing creek analyses

Name (First and Last) *

Short answer text

Watershed Name *

- August Tavern
- Bonhomme
- Caulks
- Forby
- Fox
- Hamilton-Carr
- Kiefer Creek
- Meramec River
- Wild Horse Creek
Latitude Coordinates (only provide the 4 numbers after 38.) *
Short answer text

Longitude Coordinates (only provide the 4 numbers after -90.) *
Short answer text

Average Bank Height (in feet) - As measured from the lowest point in the channel to the top of bank
- Less than 6 feet
- Greater than 6 feet, less than 12 feet
- Greater than 12 feet

Vegetative Bank Protection *
- Well vegetated banks. Minimal root exposure
- Most vegetation on top of bank and not extending onto bank slope. Root exposure common. No leaning or ...
- No vegetation on the slope, or many trees leaning over bank and/or falling into the channel, or extensive ro...
Near continuous soft squishy (clay silt) bottom, or continuous loose gravel bottoms, or large, unconsolidat...

Photo #1 (Must be taken looking downstream)

Add file

Photo #1 Notes

Long answer text

Photo #2 (Must be taken looking downstream)

Add file

Photo #2 Notes

Long answer text

Photo #3 (Must be taken looking downstream)

Add file

Photo #3 Notes

Long answer text