

ROCHELLE STORMWATER ADVISORY COMMISSION (SWAC)

MEETING MINUTES - JUNE 12, 2013

Call to order

Chairman Huddleston called to order the regular meeting of the Rochelle Stormwater Advisory Commission at 5:00 p.m. on June 12, 2013 in the City Hall Chambers.

Roll call

Present on roll call: Commission members Tom Huddleston, Mike Pierce, Kent Reed, and Ron Stonebraker. Absent: Chuck Cawley, and Wayne Page. Four voting members present; had a quorum. Also present were City Engineer Sam Tesreau, Deputy City Clerk Judy Schermerhorn, and Mayor Olson.

Approval of minutes of March 13, 2013:

Moved by Mr. Reed and seconded by Mr. Stonebraker, "I move the minutes of the March 13, 2013 meeting be approved." Motion passed by voice vote without dissent.

Public Commentary - Diane McNeilly: Resident; Member of Planning/Zoning Commission and Conservation Commission.

- Handed out copies of article from Chicago Tribune, "Deep Tunnel, Shallow Thinking" regarding need for fixing flooding beyond stormwater system.
 - "With changing climate, more intense rainstorms are expected."
 - "Green projects needed such as Permeable pavement and rain gardens."
- She suggested the city provide information to residents regarding what they can do to help; such as rain barrels and rain gardens.
- Mr. Tesreau said that RMU currently provides some information on the items presented. Furthermore, one issue with permeable pavement is grit and oils and other materials fill in the voids that make it permeable and eventually plugs the voids and creating an impervious surface. It is only as effective as the maintenance of it. Permeable pavers may be a good solution for single family residential lots that want an improved driveway within the property. However this should not replace stormwater detention facilities in new developments that have improved stormwater management in our community. He also said that the detention ponds filter the water for better water quality before going back into storm sewer system and ultimately back into the creeks and waterways. He also mentioned that the best management practices are in the stormwater section of the Rochelle Municipal Code and several have been implemented by various developments.

Old Business:

- 1) **Greater Rochelle base floodplain/elevation study update:**
 - Received a call from DNR; they are about two weeks away from final concurrence. At that time it will go to FEMA; then continue on through necessary process.

New Business:

- 1) **Rainfall event in April 2013:** The rainfall in April was equivalent to approximately a 10-year flood event.
- 2) **Bank Failure:** The committee was briefed on the west bank failure of the Kyte River between the Kyte River and the RMU wastewater treatment excess overflow lagoon north of Intermodal Drive Bridge. Sam Tesreau, with the use of pictures, explained the potential causes and repair. The overflow lagoon had not been used in several years and was originally constructed in the 1950's. The work involved day and night construction and repair; had to build a temporary haul road back to the affected area along the bank to begin the repairs received recycled concrete and stone from a farmer to build a portion of the haul road and then hauled in the remaining material from Macklin's quarry; brought in sheet piling to keep equipment and personnel safe and to keep bank from falling in further for about 250' of the affected area; the cost (\$279,000 estimate so far), etc. Had they not taken care of as quickly as they did the wastewater would have completely failed, sloughing off into the adjacent Kyte and releasing wastewater several feet deep into the waterway.
- 3) **Kyte River Bank Maintenance Discussion:**
 - At this time there is not much money in the Stormwater fund to perform the maintenance that the City has done in the past. However, we need to continue routine bank maintenance so we are not forced into another aggressive maintenance project undertaken 6 years ago.
 - There are numerous areas where sand is building up due to side banks sloughing off or being eroded and benched within the creek bed.
 - Would like to start a program of fixing a small area each year, starting north of School Avenue.
 - Not all contractors are suited for this type of work and it may require equipment that the typical contractor doesn't have available.
 - Tom Huddleston suggested that Sam develop a plan (including the treatments to choose from) and then have a public hearing to explain procedures, expense, etc. so that it can be seen as the big picture. Hopefully, this would help with the cooperation of the home owners along the creek.

4) **Micro regional detention area between north of Sawicki parking area north 8th Street:**

- Chance to address detention improvements for some of the undetained offsite tributary areas as well as expanded development on the Sawicki site.
- This will be a small detention area; it will contribute to beneficial storage and conveyance but is not expected to handle all of the offsite stormwater detention needs. The agreement between Sawicki and the City acknowledges such.

Announcements/Communications:

- Sam mentioned that there is presently a tollway project regarding the culvert areas on the Hwy 88 property. They are working with the Drainage Group.
- **Next scheduled meeting is September 11, 2013 at 5:00 p.m.**

Adjourn Meeting: Moved by Mr. Reed and seconded by Mr. Pierce, **"I move the meeting be adjourned."** Motion passed by voice vote without dissent. Meeting adjourned at 5:40 p.m.

Minutes submitted by:


Deputy City Clerk