

ROCHELLE STORMWATER ADVISORY COMMISSION (SWAC)

MEETING MINUTES - APRIL 11, 2012

Call to order

Tom Huddleston, Chairman, called to order the regular meeting of the Rochelle Stormwater Advisory Commission at 5:00 p.m. on April 11, 2012 in the City Hall Chambers.

Roll call

Present on roll call: Commission members Stonebraker, Pierce, Reed, Page, and Huddleston. Five present; had a quorum. Also present were City Engineer Tesreau and Deputy City Clerk Schermerhorn.

Approval of minutes of February 11, 2012:

Mr. Pierce moved and seconded by Mr. Huddleston, "I move the minutes of the February 11, 2012 meeting be approved." Motion passed by voice vote without dissent.

Public Commentary: None

Old Business:

- 1) **Greater Rochelle base floodplain/elevation study update:**
 - Hopefully will have more information from IDNR in the next few weeks.

New Business:

- 1) **Potential Regional Detention Projects Discussion:** At the last meeting it was decided to develop a Regional Detention Project which can be presented to the City Council.
 - There was some talk of SWAC putting together a resolution identifying certain regional facilities.
 - Sam provided a map of potential regional detention facilities which was put together by Hanson Engineers around 2004. The map included the following potential regional stormwater detention facilities:
 - Ryley Ditch Detention Facility #2 - south of Creston Road and east of Caron Road.
 - Lake Sule Detention Facility #1 – south and east of Facility #2 near Lake Sule.
 - Ryley Ditch Detention Facility #3 – north of Creston Road and east of Caron Road.
 - Banning Lateral Detention Facility #4 - immediately north of the Union Pacific railroad tracks and east of Caron Road.
 - Hemstock Dam Facility north of Hemstock Road – the cost of such a facility is not attainable at this time and has been discussed at length in the past
 - Tom Huddleston mentioned the idea of proposing another facility north of high school and west of Hillcrest (on property currently known as Kings Crossing owned by Creekside developers). While this facility wouldn't provide the anticipated volume of Hemstock Dam it and other facilities may provide a significant volume to in the northern part of near the high school.
 - Currently there is an existing regional detention and compensatory facility south of Lakeview subdivision and east of Jack Dame Road. This facility was built as part of the Jack Dame Road project to 1st Avenue in 2010.
 - Furthermore, two borrow pits exist that could potentially provide some stormwater runoff or compensatory storage: one immediately south of Macklin's Quarry on the west side of I-39 and east of Dement Road and the other is immediately east of I-39 and north of the UP RR tracks.
 - Cost estimates have not been established at this time.
 - Tom Huddleston, who is a member of GREDCO, has discussed stormwater facilities with GREDCO and what the Stormwater Advisory Commission is working on. He indicated that industries have an issue with wanting to expand, developers coming into town and the need for stormwater detention. Therefore a regional facility may be better for some areas. He suggested the City could sell an acre ft for a sum of money if the facilities were in place. He further explained the following:

- GREDCO in process of forming a committee and then coming to see City staff to collaborate on regional detention areas.
- GREDCO is considering the area between Lake Sule, Caron Road and the Ryley ditch and south of Creston Rd by possibly expanding Lake Sule. This project has been identified as Storm King by GREDCO.
- Developer/owners of the property in this area are willing to work with GREDCO/City on the project. The proposed project is envisioned to incrementally take the land out to make regional detention work in a way that we get storage, wet lands, purification and water quality, and camp grounds.
- Would be collaborated effort between GREDCO, City, Park District, Developers.
- Grants may be available through GREDCO (non-profit).
- Use of City funds to form studies.
- These areas could potentially be adopted as part of the City's Comprehensive Stormwater Plan.
- The BNSF railroad bridge over the Kyte River, north of 1st Avenue, is a choke point for water conveyance downstream in the larger storm events. If and when the railroad were to replace that bridge the City would like to see it designed to have any opening that is less restrictive as it now collects debris, blocking water flow.
- The properties north of the high school property were mentioned as a location for regional detention. Tom Huddleston indicated they (developers of Creekside) are going to carve out just what they need and then when an addition is later built on, they will increase detention space.
- Regional storm water runoff detention facilities, in addition to the individually developed detention areas, appear to be effective and could detain or temporarily store storm water before it enters the City; this may help significantly with back-water condition downstream on the Kyte River by storing water upstream and releasing it at a controlled rate.
- Chuck Cawley indicated Lake Sule was raised years ago, for recreational use, by adding stone or riprap at the mouth of the outfall located on the west side of the lake. This may have wasted potential detention and created other concerns related to the drain tiles. He suggested the possibility of removing the stone riprap which would drop the water level by 3 to 4 feet. Sam indicated the Flagg Community Park District owns the Lake Sule property and he should discuss his concerns with the new Park district director.
- Sam indicated that a formal resolution, adopted by council, would ultimately need to be provided to commit funds and other resources for the project by the City of Rochelle.

Announcements/Communications:

- Wayne Page had brought up an annual fee that was possibly owed the Brush Grove Drainage District. The current amount the City pays is about \$2500. The original agreement was back in 1968 and then increased in 1992. It has not increased since then. Judy looked into the past records on it and also notified Alan Cooper regarding this. According to Alan Cooper there was correspondence between 2004 and 2008 between BGDD and the City. Drafts were sent but the discussions got dropped, therefore no agreement was actually signed. Sam suggested Wayne Page get in touch with Alan Cooper if BGDD want to again move forward with this.
- **The next Stormwater Advisory Board meeting is planned for June 13, 2012 at 5:00 p.m.**

Adjournment:

Moved by Mr. Reid and seconded by Mr. Cawley, "**I move the Stormwater Advisory Committee adjourn.**"
Motion passed by voice vote without dissent. The meeting adjourned at 5:35 p.m.

Minutes submitted by: Judy Schermerhorn
Deputy City Clerk