

**MINUTES OF THE MEETING OF THE COLLIER COUNTY
FLOODPLAIN MANAGEMENT PLANNING COMMITTEE**

Naples, Florida, September 30, 2014

LET IT BE REMEMBERED, the Collier County Floodplain Management Planning Committee in and for the County of Collier, having conducted business herein, met on this date at 9:00 A.M. in REGULAR SESSION at the Collier County Growth Management Division Building, Conference Room #609/610, 2800 N. Horseshoe Drive, Naples, Florida, with the following members present:

Chairman: Jerry Kurtz, CC Staff
Vice Chairman: Craig Pajer, CC Staff
Kenneth Bills
Rick Zyvoloski (Alt.), CC Staff
Christa Carrera, City of Naples
Phillip Brougham
Clarence Tears
Chris Sparacino, City of Marco Island
Joseph Gagnier
Duke Vasey
Mike Sheffield, CC Staff (Excused)
Lisa Koehler
Terry Smallwood, Everglade City (Excused)
Jon Walsh, CC Staff
James Hale

ALSO PRESENT: Caroline Cilek, M.S., LDC Manager, FPMC Staff Coordinator
Gary McAlpin, Director, Coastal Zone Management
William Lang, Operations Coordinator, Floodplain Management

Any persons in need of the verbatim record of the meeting may request a copy of the audio recording from the Collier County Growth Management Division – Planning and Regulation building –Contact Mr. Evy Ybaceta at 239-252-2400.

Chairman Kurtz called the meeting to order at 10:02am.

Old Business

1. Approval of Minutes for the 6-2-14 Regular Meeting and Floodplain Management Plan Public Meeting Minutes 7 -16-14 (Jerry Kurtz)

Mr. Vasey moved to approve the minutes of June 2, 2014 meeting subject to the following change:

- Page 3, line 7 – from “...ensure Emergency Management Services fully...” to “...ensure *Bureau of Emergency Services* fully...”

Second by Mr. Brougham. Carried unanimously 10 - 0.

Mr. Vasey:

- Requested an update on the Big Cypress Basin’s responsibility for conducting floodplain reviews for the County.
- Recommended the term “Stakeholders,” in its relation to any aspects of the Floodplain Management Plan be defined as “taxpayers.”

Ms. Cilek reported the floodplain review requirements are being addressed at the Administrative level of the GMD and will provide an update in the next monthly report.

Staff reported a Regular Committee meeting and Public Information Meeting was held on July 16, 2014. The public meeting minutes have been included for information purposes. The Regular Committee meeting minutes will be approved at the next meeting.

Mr. Walsh arrived at 10:10am

New Business

1. Updates from Floodplain Management Section: staffing, CRS 5 yr. cycle visit/White Paper and August Monthly Report (Caroline Cilek)

Ms. Cilek presented the “*Floodplain Management Section August 2014*” report for information purposes and provided an update on the CRS submittal and relayed the County has not heard back from ISO on a final ranking yet.

Mr. Tears arrived at 10:20am

2. Discussion of the Flood Risk Assessment and Hazard Vulnerability sections for the Floodplain Management Plan (David Stroud, Paige Hatley - AMEC and Gary McAlpin) **David Stroud, AMEC** provided copies of Section 4 – Flood Risk Assessment of the Floodplain Management Plan for review. He noted:

- The main purpose of the item is for the Committee to provide a recommendation on the ranking of the County's flood hazards as identified on Page 130, Table 4.1 "*Flood Hazard Summary*" of the report.
- The hazards identified are Climate Change and Sea Level Rise, Coastal/Canal Erosion, Dam/Levee Failure, Flood: 100/500 year, Flood: Stormwater/Localized Flooding and Hurricane and Tropical Storms (including Storm Surge).
- The table also rates the Frequency of Occurrence, Spatial Extent, Potential Magnitude and Significance of the events.

Power Point presentations were provided by Mr. Stroud and Ms. Hatley "*(Review of the Hazard Identification and Hazard Vulnerability, Collier County Florida, September 30, 2014)*", Mr. Kurtz "*(Overview of Collier County Planned Stormwater projects – Presentation to the Floodplain Management Committee September 30, 2014)*".

During the presentations the following was highlighted by Staff/Consultants and Committee members:

- Although the Plan is a "5 year Plan," Table 4.1 identifies the hazards based on probabilities and impacts of the hazard over a 1 year period.
- Sea level rise should be identified as a hazard, however the affects are cumulative over time with minimal chance it will have a major impact over a 1 year period.
- Localized flooding is a major issue and continued mapping of "hot spots" will be an essential.
 - *Staff noted the County tracks the information on a GIS mapping system and the City of Marco Island has similar data.*
- Many of the projects identified in Mr. Kurtz's presentation could be considered "transportation projects" which may be beneficial given the limited funding for stormwater projects.
 - *Staff noted currently the County considers these neighborhood drainage projects with the purpose at this point being to identify the hazards to be addressed, not determining the funding mechanism for improvements.*
- Some areas currently experience sheet flow flooding at given times, (i.e. bike paths).
 - *Staff reported this could be addressed, however these areas were designed with this condition in mind and they would be considered a low priority hazard.*
- Table 4.34 identifying Critical Facilities by Flood Zone should be reviewed as some facilities are not listed such as sewage transfer stations, etc.

Mr. Brougham left at 11:07am

- Protection of the floodplains ecological and environmental characteristics will be addressed in the Plan.
- Septic systems and well fields could be considered a hazard given their potential failure during flooding events.

The Committee reviewed the Table 4.1 – Flood Hazard Summary with the following comments noted:

- The definition of “flooding” should be amended to clarify it is events that impede the ingress and egress to critical facilities/neighborhood areas/homes, damage to structures and infrastructure, etc. as opposed to those times standing water is present in non essential areas (i.e. ponding of water in yards, etc.).
- It would be advantageous to separate the table by jurisdictions within the County.
- Although negatives impacts from sea level rise may not occur unless long term conditions persist, it could have a major impact on those facilities upstream that drain towards the Gulf.

The Committee recommended the following rankings for those hazards identified in Table 4.1

Hazard	Frequency of Occurrence	Spatial Extent	Potential Magnitude	Significance
Climate Change and Sea Level Rise	Highly Likely	Limited	Negligible	Low
Coastal/Canal Bank Erosion	Highly Likely	Limited	Negligible	Medium
Dam/Levee Failure	Unlikely	Limited	Negligible	Low
Flood: 100-/500-year	Occasional	Extensive	Catastrophic	High
Flood: Stormwater/Localized Flooding	Highly Likely	Limited	Negligible	Medium
Hurricane and Tropical Storms (including Storm Surge)	Likely	Extensive	Catastrophic	High

The Committee recommended the Table be reorganized to provide rankings from a high priority to a low priority.

Staff requested the Committee to review the Sections of the Plan provided today and submit comments back to Gail Hambricht at the Coastal Zone Management Office within 2 weeks. The review by members should be prioritized as “data driven” followed by “word smithing.”

3. Public Comments

None

4. Committee Correspondence

Mr. Sparacino requested Staff email a copy of the PowerPoint presentation reviewed in item 2 to the Committee.

Mr. Zvoloski reported the County needs to update the record of disaster events (if any) for years 2013 – 2014.

5. Scheduling of next meeting – will be focused on the Floodplain Management Plan (Gary McAlpin and Caroline Cilek

The next meeting will be held on October 23, 2014 at 10:00am

There being no further business for the good of the County, the meeting was adjourned by the order of the Chair at 12:03PM.

**COLLIER COUNTY FLOODPLAIN MANAGEMENT
COMMITTEE**

Chairman, Jerry Kurtz

These Minutes were approved by the Board/Chairman on _____, as presented _____, or as amended _____.