



**Houston**  
**Council of Engineering Companies**

TO: HCEC Drainage Committee Members  
FROM: Lee Lennard, Drainage Committee Chair  
RE: Minutes of January 23, 2008 Meeting  
DATE: February 12, 2008  
CC: HCEC Board of Directors

**DRAFT**

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The HCEC Drainage Committee met on January 23<sup>rd</sup> at the HCEC offices. Mr. Lee Lennard, the Committee Chair, opened the meeting at 7:30 a.m.

**I. City of Houston**

- A. Flood Plain Ordinance, Guidelines & Maps – Still waiting to receive from the City the final wording regarding conveyance. We are not in agreement with the City on the 5% increase in conveyance as a requirement. The requirement should be to provide equivalent conveyance without a stipulation of percentage increase.
- B. Low Impact Development Mr. Costello has finalized LID write-ups and diagrams. They have been transmitted to the City of Houston and Harris County.
- C. Standards Review Committee - Chapters 9 & 13 - Other items discussed involved increasing imperious cover. The City has asked us for input. At what point below one acre should an increase in impervious cover take effect? Current City position is anything in excess of 120 SF requires detention. Mr. Lennard stated we will add as an agenda item for the next meeting with Mr. Jack Sakolosky.
- D. Removal of SF Exemption (15,000 SF) – add to discussion in meeting with Mr. Sakolosky.
- E. Level of Service for Emergency Service/Evacuation Routes – More than likely the geography will determine type of design fix for each road. Add it agenda for meeting with Mr. Sakolosky.
- F. SWQ - Mr. Michael Bloom updated the Committee on the JT SWQ Committee's recommendation for a check-list for COH & County as well as revisions to the BMPs. Drainage Committee approved recommendations. It was also suggested that the agencies may need to assess an inspection fee.
- G. Stormwater Capacity Reservation Application - Mr. Mark Sappington will draft response regarding the application form. He will route to Charles Penland and Dwayne Culp for review prior to bringing back to the full committee.

**Action Items:**

- a. Mr. Sappington, Mr. Charles Penland, and Mr. Dwayne Culp will review and then route to Committee.
- b. Mr. Sappington to draft letter for file.



## II. HCFCD

- A. FEMA FIRMs – no word on when or if the LOMARs or CLOMARs have been submitted.
- B. Modeling and Management Standards
  - 1. Version 3.0 is being used for HEC-RAS
  - 2. It is still taking 2 – 3 weeks to get models
  - 3. Still difficult for some members to log onto system.
- C. Watershed Planning Studies - Mr. Lennard stated that phase 1 is expected this spring.
- D. Design Criteria Manual Update - Mr. Lennard stated that there is one issue remaining-- the H & H method 3. There is a meeting next week with HCFCD and smaller tract methods will be discussed.

## III. Harris County

- A. LID Criteria – there is new draft language in County guidelines that was given to members for review. Consensus as too vague in sub-items 1, 2, and 3. Mr. Bloom offered to write comments on the section and rout to committee for review.

### **Action Item:**

- a. Mr. Bloom to prepare comments relating to HC LID guidelines.
- B. Bond Project Criteria - Ms. Lindsay stated that Ms. Deborah Vaughn seems to be in agreement with our recommendation. She is considering how to implement.
- C. Off-site Easement - Mr. Lennard informed the Committee that there is a meeting scheduled with Mr. Anderson, Ms. Shannon Watson, and Mr. Reese Gilmore regarding outfall ditches. Mr. Blount has stated that he will review these case by case and consider negotiation.

## IV. IV.SWQ

- A. Position paper to TCEQ on Surface Water Quality Standards Revision Process (Bacteria) - Ms. Lindsay stated that the position paper has been submitted and will follow up with Mr. Steve Stagner. The TCEC Board seemed to have a favorable response. Mr. Bloom stated that he will keep Ms. Lindsay and Mr. Stagner updated. Mr. Penland informed the Committee about a UH grant and suggested topics.
- B. Position paper on Floatables / Sediment ponds - Mr. Craig Maske, Mr. Culp, and Mr. Tim Buscha volunteered to write the position paper. Literature search is in progress.



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**V. Next Meeting Dates.**

- A. Next HCEC Drainage Committee Meeting - February 27, 2008 @ HCEC
- B. Next Agency Meeting - March 26, 2008 @ HCFCD Offices
- C. Next HCEC Membership Lunch Meeting - February 15, 2008 @ HESS with *Judge Ed Emmett* as Guest Speaker

The Committee adjourned at 9:05 a.m.

Attending:

Lee Lennard, Brown & Gay Engineers  
Craig Maske, Dodson & Associates, Inc.  
Michael Bloom, PBS&J  
Scott Saenger, Jones & Carter  
Michael Bagstad, URS Corporation  
Mark Sappington, Cobb, Fendley & Associates  
Rich Gallegos, CivilTech Engineers  
Gary Struzick, Klotz Associates  
Lonnie Anderson, TCB  
Giti Zarinkelk, Zarinkelk Engineering Services  
Charles Penland, Walter P Moore  
Ranney McDonough, McDonough Engineering  
Dwayne Culp, Jacobs Carter Burgess  
Jerry Preston, EHRA  
Mike Vandewater, LAN  
Ed Matuszak, URS

Staff:

Chris Lindsay, HCEC  
Mary Harris-Taylor, HCEC