

# elm creek Watershed Management Commission

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## Meeting of Technical Advisory Committee AGENDA

March 8, 2017

- I. Approve Agenda.\*
- II. Approve Minutes of January 11, 2017 TAC meeting.\*
- III. Old Business.
  - A. Model Manure Management Ordinance.\*
    1. Facilitate transition from agricultural to rural residential land use.
    2. What BMPs should be used when animals are present?
    3. How are load reduction credits quantified?
    4. How will reductions from land conversion be measured?
  - B. Commission rules pertaining to filtration infiltration and abstraction during stormwater management review. *Staff has requested from the member cities their stormwater ponding, infiltration, filtration, and runoff volume abstraction rules and standards. Responses have been received from the cities of Corcoran, Maple Grove, Medina, Plymouth and Rogers. They have been forwarded to the Commission's technical staff for review and compilation.*
    1. City/HOA Operation and maintenance requirements.
      - a. Who is responsible for this work in each city
      - b. Does it depend on the type of pond
      - c. Filtration/Infiltration/Biofiltration standards for each city?
    2. Infiltration (if infiltration of the soils is <0.2 " per hour go to credit sequencing?)
      - a. Credit Sequencing.....How can we determine the hierarchy and be objective?
        - 1) Buffer, preservation areas, compost amendment (all equal as preference in credit for abstraction) then consider;
        - 2) Water reuse/irrigation (volume and nutrient credits??)
          - a) Volume credit for irrigation? Acceptable model?
          - b) Nutrient credit for irrigation?
        - 3) Biofiltration (volume and nutrient credits??)
          - a) Iron enhanced filter credit toward volume abstraction?  
0.65" per 1" filtered? 1" per 1" filtered??
          - b) Credits for volume abstraction for biofiltration with sand/compost bio-retention soil mix? 0.33" per 1" filtered? 0.5" per 1"???
          - c) Nutrient credits for filtering/bio-filtering?
        - 4) Detachment credit
      3. How far does water have to travel over vegetation for an impervious area to be considered detached?
        - a. We have been using 75' of grass for sheet flows
        - b. And 300' for channel flows.
      4. Pre and Post development TSS/TP loads and runoff volume.
        - a. Staff is not comfortable with P8
        - b. MIDS/NURP for post development ok?

- c. ECWMC pre-existing conditions ok?
- d. NURP concentrations? Are the following concentrations still acceptable?
  - 1) 450 ppb for residential
  - 2) 600 ppb for commercial/industrial

C. Cost share Policy.

- 1. *Please refer to the January 11 TAC minutes. Clarification is needed regarding determination of matching funds.*
- 2. *Per Steve Christopher, BWSR, a Minor Plan amendment will be needed to change this policy in Appendix G of the Third Generation Plan.*

D. Prioritizing special projects other than SWAs.\*

*Staff circulated a list of criteria via email to TAC members and Commissioners, asking them to prioritize the items. As of March 1 2017, five communities and three technical folks have responded.*

IV. New Business.

A. Call for additions/revision to Commission's current CIP. \*

*As of March 1, 2017, two additions, and one revision to the CIP have been received.*

B. Call for 2017 CIPs for consideration for ad valorem funding.

V. Other Business.

- a. Next TAC meeting \_\_\_\_\_.