

MEETING NOTES

DATE: April 14, 2010
TO: Steering Committee
FROM: John Wills, P.E.
Wills Burke Kelsey Associates
SUBJECT: Steering Committee #10
(WBK Project 09-0039)

MEETING DATE: April 5, 2010

We held the tenth meeting of the Steering Committee for the update of the DuPage County Countywide Stormwater and Floodplain Ordinance on April 5, 2010. The following is a general summary of the major points discussed and does not constitute a verbatim transcript, nor an attempt to capture either the speaker or the exact wording as presented. The following also represents the preparer's understanding of the discussion. If there are any discrepancies, inaccuracies, or major items missed, please notify the preparer.

Agenda Item I- Approval of Meeting Minutes

1. The meeting was called to order by Chairman Klepp at 9:30 a.m. The following were present at the meeting:

Members: Chairman Christine Klepp, David Winklebleck, Rob Swanson, Clayton Heffter, Karen Laskowski and Chris Vonnahme from DuPage County; Nick Hatfield, Village of Lombard; Vice Chairman Mary Lou Kalsted, Village of Lisle; Roger Hopkins, Choose DuPage; Erskine Klyce (ex-officio); Dale Durfey.

Members absent: Bill Novack, City of Naperville

Alternates: None.

Also Present: John Wills and Kristine Meyer, Wills Burke Kelsey (WBK); Bob Murdock, Baker; Jedd Anderson and Thomas Burke, Christopher B. Burke Engineering (CBBEL); Michael Mulcrone, DuPage Mayors and Managers Conference (DMMC) and Tony Charlton of DuPage County.

A motion was made by Kalsted and seconded by Murdock to approve the minutes of the Steering Committee of February 25, 2010. By voice vote, the minutes were approved.

Agenda Item III- Proposal on Detention

2. A handout was distributed as the first attempt to create language for detention and water quality volume. The handout also included some example projects and how the chart would work. The goal of the chart is to simplify the technical aspects of the detention requirements and the review time and costs.
3. WBK looked at the hydrograph of a basin currently meeting the 0.1 cfs/acre release rate. Based on our analysis the first 1" of runoff is captured for more than 60 hours. Therefore,

MEETING NOTES

as we assumed, the current 0.1 cfs/acre release rate requirement acts also as a water quality volume control. It was also assumed in many categories on the chart that if a proposed project is controlling the 100-yr storm, the 2-yr proposed conditions would also show no increases for a project.

4. It is the intent that the water quality volume requirements would not be in addition to the detention requirements; rather, the water quality volume requirements could be subtracted from the detention requirements. It was asked by the steering committee that the long term maintenance costs be included in the total costs when looking at the water quality volume requirements.
5. There was much discussion on the Note 4 regarding what would exempt lots/properties from detention and water quality volume requirements. The County does have a recent database that has the impervious area coverage for all lots in the county. It was decided that 500 sf – 5,000 sf of additional impervious area would trigger a BMP requirement; any project over 5,000 sf of additional impervious area would trigger a water quality volume requirement; lastly any project over 5,000 sf of additional impervious area and 25,000 sf of disturbance would trigger detention requirements.

Agenda Item II- Discussion of Naturalization Language

6. Revised language was sent out on March 30, 2010. This language needs to be reviewed closely by the consulting team, subcommittee and steering committee before being finalized. There was discussion regarding preference of the language being more black and white but potentially leaving less room for interpretation versus being vague with more room for interpretation by reviewers.

Agenda Item IV- Issues from Floodplain Subcommittee

7. Due to time this item was not discussed.

Agenda Item V- BMP's for Small Sites

8. Baker prepared a summary of BMP requirements and Enforcements for Small Properties based on the National Ordinance Review. This was e-mailed to the steering committee and was included in some discussion with the Agenda Item III.
9. The brochure for the ordinance update was distributed to all steering committee members. It was asked that they bring the brochures back to their communities for distribution to elected officials, stormwater permit applicants, etc. In addition, John Wills will be presenting at the next DMMC meeting on April 21st which is geared for elected officials and managers/policy makers.

The meeting ended at approximately 12:30 p.m. The next meeting is scheduled for April 29, 2010.

Steering Committee Meeting #10 Agenda

April 5, 2010, 9:30 a.m. ~ Room 3500A

- I. Approval of Steering Committee Meeting #9 Minutes
- II. Discussion of Naturalization Language
- III. Proposal on Detention (handout)
- IV. Issues from Floodplain Subcommittee
- V. BMP's for Small Sites
- VI. Reminder - Next Meeting: Thursday, April 29th at 9:30 a.m.

PROPOSED SITE RUNOFF STORAGE (DETENTION) AND WATER QUALITY CONTROL VOLUME REQUIREMENTS

Project Type	Project will increase 2-yr or 100-yr discharge	Project increases TIA- project site falls within specified TIA range after development complete	Project decreases TIA- after project site falls within TIA range when complete
<i>Roadway Projects:</i> New impervious surfaces or complete replacement of existing impervious surfaces or new/replacement enclosed drainage system	A	E	E
<i>For Projects which involve:</i>	A	D	C
TIA of Project Site is equal to or less than 10%	A	B	C
TIA of Project Site is greater than 10% but less than 50%	A	B	D
TIA of Project Site is 50% to 80%	A	B	E
TIA of Project Site is greater than 80% Naturalization Projects which involve grading	A	none	none

Legend for Specific Requirements:

A	Provide Site Stormwater Storage to reduce peak discharge to no greater than existing discharge.
B	Provide Site Stormwater Storage for Disturbed area of the Site to meet 0.1 cfs/acre release rate for 24-hour 100-yr event. Provide Water Quality Control volume of 0.75 inches for all new, replaced or resurfaced impervious area within project. Deduct the WQCV from the required detention.
C	Provide Water Quality Control volume of .50 inches for all new, replaced or resurfaced impervious area within the project limit.
D	Provide Water Quality Control volume of .75 inches for all new, replaced or resurfaced impervious area within the project limit.
E	Provide Water Quality Control volume of 1.00 inches for all new, replaced or resurfaced impervious area within the project limit.
F	Provide Water Quality Control volume of 1.00 inches for all new or replaced impervious area within the project limit.

Notes:

1	Project involving only Roadway resurfacing do not require either Detention or WQCV
2	All projects must provide Best Management Practices. BMP's may also provide any required WQCV.
3	WQCV shall be provided using BMP's which rely on Evaporation, transpiration, infiltration or extended detention to reduce the volume of runoff within the direct runoff hydrograph of a storm event. The required volume may be captured from any impervious area of the site, but should focus on areas used by automobiles to the extent practical. Where soils are unsuitable for infiltration, perforated underdrains may be used of no more than 4" diameter.
4	Requirements shall not apply to existing platted lots of less than 12,000 sq. Ft. or to increases in impervious area of less than 1000 sq. ft.



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JOB _____
SHEET NO. _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE _____

Example #1

Existing Site: 14.5 ac
100% pervious; 0% impervious
no floodplain; 1 wetland

Proposed Project: 17 single family lots ~ 0.5 ac
proposed roadway
detention not included as
impervious
% impervious = 17.38% (~ 2.52 ac)

Project Type: TIA of project site is greater than
10% but less than 50%
Project increases TIA and within
specified range

Requirements: B



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Example #2

Existing Site: 56 ac. of forest preserve
100% pervious; 0% impervious
floodplain & wetland

Proposed Project: Addition of 3200 ft long -
10 ft wide trail &
pedestrian bridge

0.74 acres of impervious area

1.32% new impervious

No increases in runoff

Project Type: TIA of project site is equal or less
than 10%

project increases TIA - within
range

Requirements: D, check to meet A



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Example #3

Existing site: 9.5 ac site w/ existing drive & garage (0.17 ac)
1.75% impervious
floodplain & wetland

Proposed project: construction of single family home,
horse stable & paddock

0.5 ac of proposed impervious; 1.5 ac
of total site disturbance

5.26% impervious (increase of 3.51%)

Project Type: TIA of project site is equal to or
less than 10%

Project increase TIA and w/in
specified range

Requirements: D, check to meet A

DuPAGE MAYORS AND MANAGERS CONFERENCE

April 2010 Conference Business Meeting

Where:

Holiday Inn Select, Naperville
1801 Naper Blvd.
Naperville, IL 60563

[Driving Directions](#)

When:

April 21, 2010 at 06:00 PM
-to-
April 21, 2010 at 09:00 PM

[Add to my calendar](#)

Cost:

Member: \$35

Corp. Part., Gov't, Non-profit:
\$40

Business: \$50

*DMMC will invoice after
event.*

The DuPage Mayors and Managers Conference invites you to the April 2010 Conference Business Meeting

Stormwater and Flood Plain Policy: Updating the DuPage County Ordinance.

DuPage County is updating its Stormwater and Flood Plain Ordinance. County Board Member James Zay and John Wills, a consultant from Wills Burke Kelsey Associates, will present an overview of the process to date, with an emphasis on the policy behind the requirements. In addition, the County is seeking feedback from elected officials and other municipal representatives. This presentation is geared toward policy makers, however technical staff is invited to attend as well.

Please click on the link below to register.

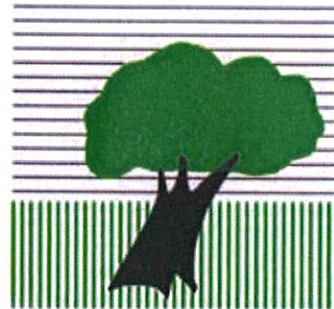
[Register Now!](#)

If you have any questions, please contact [Kim Sumner](#), Member Services and Communications Manager, at (630) 571-0480, ext. 226.

Thank you. We look forward to seeing you on April 21.

Sincerely,

Kim Sumner, Member Services and Communications Manager
DuPage Mayors and Managers Conference
ksumner@dmmc-cog.org
(630) 571-0480, ext. 226



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STEERING COMMITTEE MEETING

DATE: 4/5/10

<u>NAME</u>	<u>ORGANIZATION</u>	MEM.	ALT.	GUEST/ OTHER
1. Kristine Meyer	WBK			✓
2. Erskine Klyce	—	✓		
3. JOHN WILLS	WBK			✓
4. DALE DURFEY		✓		
5. Bob Murdoch	Baker			✓
6. David Winklebleck	DuPage Co.	✓		
7. MICHAEL MULCRONE	DMMC			X
8. KAREN LASKOWSKI	DUPAGE CO	✓		
9. Jedd Anderson	CRSR			✓
10. Thomas Burke	CBBEL			✓
11. Clayton Heffter	DuPage	✓		
12. Mary Kay Kalsed	Village of Lisle	✓		
13. ROGER HOPKINS	CHASE DUPAGE	✓		
14. Robert Swanson	DuPage County	✓		
15. Christine Klepp	DuPage Co.	✓		
16. CHRIS VONNATHME	DuPage Co	✓		
17. Tony CHARLTON	" "			✓
18. Nick HATFIELD	LOMBARD	✓		
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