

MEETING NOTES

DATE: June 13, 2011

TO: Steering Committee

FROM: Kristine Meyer, P.E., CFM
Wills Burke Kelsey Associates

SUBJECT: Steering Committee #29
(WBK Project 09-0039)

MEETING DATE: June 2, 2011

We held the twenty-ninth meeting of the Steering Committee for the update of the DuPage County Countywide Stormwater and Floodplain Ordinance on June 2, 2011. 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 1:15 p.m. The following were present at the meeting:

Members: Chairman Christine Klepp, David Winklebleck, Clayton Heffter, Karen Laskowski and Chris Vonnahme from DuPage County; Vice Chairman Mary Lou Kalsted, Village of Lisle; Nick Hatfield, Village of Lombard; and Dale Durfey.

Members absent: Rob Swanson, DuPage County; Greg Bedalov, Choose DuPage; Bill Novack, City of Naperville

Alternates: Erskine Klyce

Also Present: John Wills and Kristine Meyer, Wills Burke Kelsey (WBK); Jedd Anderson, Christopher B. Burke Engineering Ltd. (CBBEL); Bob Murdock, Baker; Jen Boyer and Mary Beth Falsey, DuPage County.

A motion was made by Heffter and seconded by Winklebleck to approve the minutes of the Steering Committee of May 26th as corrected. By voice vote the minutes were approved.

Agenda Item II – Response to Public Comments

Wetland Language

2. Revised wetland language was distributed which discussed the 0.10 acre impacts of regulatory wetland, see attached. It was decided to take another look at wetland language, and redistribute to group.

MEETING NOTES

BMP Language

3. Revised BMP language was distributed. A volume control BMP was added to the section and WCV was removed from Article 9. There was other discussion about changes to the text itself. Attached is the redline strikeout of the revised text with the changes include. A motion was made by Heffter, second by Klepp, to incorporate the changes as discussed. Favor: 9, Opposed: 0.

Article 5

4. There was discussion regarding performance bonds, securities and easements. This section will be rewritten by the consultant to reflect current practices of financial institutions. It was decided that an informational note will be recorded on the plat when there is an impact to a special management area. In addition, easements are required for detention facilities, and conservation easements will no longer be required on individual single family properties.

Table 1

5. A question was brought up about what will happen with Table 1. Table 1 will now become a series of flow charts.

Agenda Item III – Next Meeting

6. The consultant will begin preparing a comment response document to bring to the July Stormwater Committee and a revised draft ordinance to bring to the August Stormwater Committee. The Steering Committee will not meet again until sometime after these documents are submitted.

The meeting was adjourned at 4:00 p.m.

Steering Committee Meeting #29 Agenda

June 2, 2011@ 1:00 ~ 3500 A

I. Approval of Steering Committee Meeting #28 Minutes

II. Respond to Public Comments:

- a. Wetland Language
- b. BMP Language
- c. Article 5

III. Next Meeting: June 9th, (if needed)

Alternative Wetland Permitting Language #1

15-83. Requirements for Development Affecting Wetlands

15-83.A No Development may affect wetlands without a certification or letter of permission, if applicable.

15-83.B Development proposing to affect critical wetlands must demonstrate through an alternatives analysis that the presence of critical wetlands precludes all economic use of the entire parcel, and that no practicable alternative to wetland modification exists, and that the proposed project represents the least damaging alternative while still achieving the basic project purpose.

15-83.C Development proposing a cumulative affect of regulatory wetland of 0.10 acre or less is allowable provided the impacted wetland is mitigated pursuant to Article 15-47, and the Director, or Administrator in a Complete Waiver Community, attests with a note placed in the file, that in their opinion, the applicant has minimized the impact to the extent practicable.

15-83.D Development proposing to affect regulatory wetland greater than 0.10 acre in total surface area, including contiguous Waters of DuPage, must demonstrate through an alternatives analysis that the proposed project represents the least damaging alternative while still meeting the basic project purpose.

Alternative BMP #4 - June 3, 2011

ARTICLE I. ONSITE POST CONSTRUCTION BEST MANAGEMENT PRACTICES

15-61. Post Construction Best Management Practices (BMP) are an important part of an overall strategy in managing post-construction water quality and quantity. Post Construction BMPs are required for all projects with 2,500 square feet or more new impervious area, unless the one or more of the following exceptions noted below is met.

15-61.A The following projects are not required to provide BMPs on-site:

15-61.A.1 As allowed under the BMP Fee in Lieu Program; or

15-61.A.2 The development is strictly limited to the resurfacing or reconstruction of an existing roadway with 500 square feet or less new impervious area; or

15-61.A.3 The development is strictly limited to the resurfacing or reconstruction of an existing parking lot within the same pre-project limits, in which there is no new impervious area; or

15-61.A.4 The project is strictly a Regional Stormwater Management Project or a Flood Control project which are also BMPs or

15-61.A.5 The development is strictly a stream bank stabilization, natural area restoration, and/or wetlands mitigation bank project, which in itself is considered a BMP; or

15-61.A.6 The development is strictly limited to the construction, or re-construction, of a pedestrian walkway/bike path, in which the pedestrian walkway/bike path shall not exceed fourteen (14) feet in width, including shoulders; and is being constructed for general public use; or

15-61.A.7 The project is limited to the modification of an existing stormwater management facility to incorporate Best Management Practices which in itself is considered a BMP.

15-61.A.8 Public water and sewer developments. This exception does not include buildings, substations, pads, parking lots or other associated utility support facilities. or

15-61.A.9 Linear utility projects. This exception does not include buildings, substations, pads, parking lots or other associated utility support facilities.

15-61.B Volume Control BMP (VCBMP) will be required for the new impervious portions of developments that are constructed under the subject certification and:

15-61.B.1 Has new impervious area of 2,500 sq. ft or greater, or

15-61.B.2 Is a roadway widening (greater than 500 square feet of new impervious area) or parking lot expansion project that does not drain to a currently functional BMP sized appropriately for the improvement, or

15-61.B.3 is an open space development with new impervious area.

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Comment [JMA1]: Move the VCBMP sentence deleted to definitions.

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15-61.C Exclusions. When VCBMP are required. The following are potential Fee-in-Lieu situations due to concern regarding runoff to be infiltrated. The Director or Administrator shall consider the site use proposed and determine whether or not infiltration is an appropriate VCBMP. If infiltration is not an appropriate VCBMP, a Fee-in-Lieu payment will be required for:

15-61.C.1 Fueling and vehicle maintenance areas.

15-61.C.2 Areas within 400 feet of a known community water system well as specified, or within 100 feet of a known private well, for runoff infiltrated from commercial, industrial and institutional land uses. The applicant shall use their best efforts to identify such zones from available information sources, which include the Illinois State Water Survey, IEPA, USEPA, DuPage County Health Department and the local municipality or water agency.

15-61.C.3 Areas where contaminants of concern, as identified by USEPA prior to development, are present in the soil through which infiltration would occur. For sites with a No Further Remediation (NFR) letter from the USEPA the applicant shall determine whether or not structural barriers are part of the mitigation strategy and account for such measures in the design.

15-61.D The VCBMP volume shall be calculated as the product of the new impervious area and the rainfall depth of 1.25". No abstractions are taken on the rainfall depth.

15-61.D.1 The volume calculated for VCBMP shall be subtracted from any volume of site runoff storage that is also required.

15-61.D.2 The VCBMP shall be designed with sufficient volume to store the calculated volume.

15-61.D.3 The preferred method of discharge from the VCBMP facility is through an infiltration or evapotranspiration facility. Where soils are inappropriate for infiltration, a means of positive conveyance such as an perforated drain may be used provided that the VCBMP does not draw down in less than 48 hours. The underdrain may not be set with an invert below the midline of the trench or other excavation

15-61.D.3.a. A minimum 4" perforated drain shall be used where volumes are very small and conveyance designs become impractical to implement, even if that causes drawdown times to be less than 48 hours.

15-61.D.4 The design of the facility will be such that runoff from impervious surfaces is captured, with a preference for those impervious surfaces used by automobiles if an element of the overall project.

15-61.D.5 When a trench or other excavation is used, the expected void space within the stone, sand or aggregate portion of the fill material may be included in the volume calculation. Silt sized particles or smaller may not be used to complete this

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calculation. The design shall incorporate measures to protect the void space from long term deposition of fine sediments.

15-61.D.5.a. If testing is completed on samples of the proposed fill material which indicates a higher level of porosity, the applicant may submit the analysis completed on the material along with the storage calculations.

15-61.D.6 The bottom/invert of the trench shall be set above the expected groundwater elevation.

15-61.E The IBMP shall be designed to treat Total Suspended Solids (TSS), Oils and Nutrients (Phosphorous and Nitrogen).

15-62. Applicants shall identify the macro pollutants of concern that may be generated by the proposed development. The macro pollutants of concern are Total Suspended Soils (TSS), Metals and Oils, and Nutrients consisting of nitrogen and phosphorous. Applicants shall design the onsite VCBMP and BMPs to treat those identified pollutants. Proposed BMPs shall only be required to treat those macro pollutants identified and agreed to by the Director or Administrator.

15-63. If an VCBMP cannot be constructed in such a manner to treat all identified pollutants of concern, other onsite BMPs shall be installed to treat those pollutants of concern that could not be treated by the VCBMP.

15-63.A If VCBMPs or BMPs cannot be constructed onsite, the Director or Administrator may allow the use of the Fee in Lieu program.

15-64. VCBMPs, that are considered to to be effective at pollutant limitations, provided that they are designed to treat the macro pollutants of concern and provide the required volume include but are not necessarily limited to the following:

15-64.A Constructed wetlands, or

15-64.B wet or wetland bottom detention basins, or

15-64.C Vegetated compensatory flood storage ponds, or

15-64.D Infiltration ponds or trenches, with vegetative surfaces, with or without an underdrain system.

15-64.E Vegetated swales with infiltration capability, with or without an underdrain system.

15-65. Required VCBMPs or BMPs for a project may be located off-site as part of a regional stormwater device, practice or system, but must be within the same major watershed as the project. The 6 major watershed divisions within the County are identified in **15- xx**.

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Steering Committee #29

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Sign-On

Kristine Meyer

Guest

Erskine Rlyer

Alternate

Bob Murdoch

Guest

NICK HATFIELD

Member

KAREN LASKOWSKI

Member

David Winkleblock

DuPage Co.

Member

Jedd Anderson

CRB Co

Guest

JOHN WILLS

WBK

"

DALE DURFEY

MEMBER

Clayton Heffter

DuPage Cty.

member

Mary L. Falske

Lisle

member

CHRIS VONNAHME

DUPAGE COUNTY

MEMBER