



McHenry County
Technical Advisory Committee - Public Meeting
AGENDA

June 11, 2024, 9:30 AM
County Board Conference Room
Administration Building, 667 Ware Rd., Woodstock, IL 60098

Pages

1. CALL TO ORDER
 - 1.1 Roll Call
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 - 5.1 5.1 Performance Standards for Runoff Volume Reduction & Water Quality Changes to SMO Move Forward to MCSC for Discussion
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 - 9.1 Upcoming Events: McHenry County Solar Summit
Members of the TAC, and the general public, are invited to attend the McHenry County Solar Summit to learn all about solar farms in McHenry County.

The Summit will be held from 1:00 to 3:00 PM on Friday, June 21, 2024 in Conference Room A of the McHenry County Administration Building at 667 Ware Road, Woodstock, IL 60098.

To register, please RSVP at: <https://tinyurl.com/BMPTourSignup>

or email Scott Kuykendall, McHenry County Water Resources Specialist at SHKuykendall@mchenrycountyil.gov
10. ADJOURNMENT



McHenry County
Technical Advisory Committee - Public Meeting
MINUTES

May 14, 2024, 9:30 AM
County Board Conference Room
Administration Building, 667 Ware Rd., Woodstock, IL 60098

Members Present: Stephen Bicking, Ryan Bieber, Jodi McCarthy, Bruce Meier, Vince Mosca, Darren Olson, Laurie Ryan, Albert Schmitt, Alex Strack, Brian Valleskey, Ernest Varga, Michael Von Bergen, Michael Warner

Members Absent: Chris Dahm, Joyce DeLong, Dennis Dreher, Spring Duffey, Dave Kraft, Andrea Maertens-Pizzo, Peter Manhard, Thomas Mroz, Gabriel Powers, Paul Siegfried, Ralph Stark, Daniel Tonyan, Dan Volkers, Dave Watkins, Mei Zhu

Also present was Stoyan Kolev.

1. CALL TO ORDER

1.1 Roll Call

2. MINUTES APPROVAL

2.1 Minutes of April 9, 2024

Mover: Bruce Meier
Second: Jodi McCarthy

To approve minutes from the April 9, 2024 meeting

Approved by Voice

3. PUBLIC COMMENT

None.

4. MEMBERS' COMMENT

None.

5. OLD BUSINESS

5.1 Revised Bulletin 75 Detention Volume vs Curve Number Move Forward for MCSC Discussion to Incorporate in Future SMO Amendment

Mover: Ernest Varga
Second: Darren Olson

To move forward to McHenry County Stormwater Management Commission for their review

5.2 Revision of Language for Adding Paragraph 4 to Article IV, Section F.: Permit Conditions Move Forward for MCSC Discussion to Incorporate in Future SMO Amendment

Mr. Kolev went over the attachment Article IV, Section F.: Permit Conditions, Paragraph 4.

It was agreed to add within the definition of final grading a change that any remaining stockpiles are permanently stabilized or as approved by the enforcement officer.

Another change was suggested to the final grading definition in the second sentence where it says seed and blanket and it was agreed to add "or has been permanently stabilized".

Ms. McCarthy suggested and the Committee agreed to change "prior to completion" to "prior to closeout" in the first sentence.

Ms. McCarthy suggested adding 'all required special conditions with Federal, State, or local jurisdictions requirements shall be approved'. It was agreed to have this added to 4iii.

Mover: Ernest Varga

Second: Stephen Bicking

To move this forward to MCSC with the follow changes: within the definition of final grading where it talks about no stockpiles remaining we would change that to any remaining stockpiles are permanently stabilized or as approved by the enforcement officer, also in the definition of final grading the second sentence where it says seed and blanket we would add "or has been permanently stabilized", the 3rd item in the first sentence instead of "prior to completion" instead of the word completion using "closeout" then the fourth item would be changing bullet point number iii to say all required special conditions such as as-built plans and other federal, state, or local jurisdiction requirements shall be approved.

Approved by Voice

5.3 Performance Standards for Soil Erosion Control Changes to SMO Move Forward to MCSC for Discussion

Mr. Kolev went over the additions to the Soil Erosion and Sediment Control attachment.

Mr. Varga suggested for C(3) "management practices are already installed and are being properly maintained".

There was discussion over C(3)'s inclusion of 200ft. It was suggested and agreed to change to 100ft.

Mr. Varga added that with the removal of G(3), the remaining should be renumbered.

It was suggested removing the language of control measures in J. It was agreed that the first sentence in J would be changed to the following "Any property, public way, IWMC, buffer area, or stormwater management system that has been impacted by construction work shall be restored."

In I it was agreed to change "and any further work" to "or any further work".

After discussion I would be changed to "...enforcement officer may issue a stop work order or pursue legal remedies under Article 9 until the proper corrections have been made".

Mr. Kolev went over the definition of a McHenry County Qualified Inspector. It was agreed that the first sentence would be changed to "A person complying with the following".

Mover: Ernest Varga

Second: Jodi McCarthy

Motion to be sent to MCSC for review with the changes discussed including: an edit to item 4C to change the 200ft to 100ft, clarify language that under 4C #3 the enforcement officer may waive the requirement if the vegetative buffer or best management practices are installed and being properly maintained, under I that it can be the qualified inspector or the enforcement officer that makes the determination and can issue a stop work order or pursue legal remedies under Article 9 of the SMO, also under I changing the and to or, for J striking language so that it reads any property, public way, IWMC, buffer area or stormwater management system that has been impacted by construction work shall be restored and under definition of a McHenry Qualified Inspector changing it to a person qualifying with the following instead of A B and C

Approved by Voice

5.4 Performance Standards for Runoff Volume Reduction & Water Quality Changes to SMO Move Forward to MCSC for Discussion

Mr. Kolev went over the proposed changes in the Volume Reduction/Water Quality attachment.

Mr. Varga suggested in A to define the acronym for PCBMP and after the word "concern" there should be a comma.

It was suggested to change under A(1)iii "Nonexempt agricultural practices and/or uses unless the agricultural practice and/or use maintains agricultural best management practices in accordance with the NRCS conservation guidelines and standards".

It was suggested continuing this discussion at the next meeting.

Darren Olsen left at 11:34.

Al Schmidt left at 11:35.

Mover: Ernest Varga

Second: Brian Valleskey

Motion that Item 5.4 of the agenda be held over until the next TAC meeting and not be sent to the Stormwater Commission for review and approval.

Approved by Voice

6. NEW BUSINESS

None.

7. REPORTS

7.1 Watershed Planning for the Update to the Comprehensive Stormwater Management Plan

Mr. Kolev stated they are getting close to being able to identify the watersheds and putting together a structured section by section area to present to the Committee.

8. FUTURE TOPICS

None.

9. ANNOUNCEMENTS

None.

10. ADJOURNMENT

Mover: Michael Warner
Seconded: Michael Von Bergen

To adjourn the meeting at 11:38am

Approved by Voice

Article VI: Performance Standards, Section B: Runoff Control

6. Post Construction Best Management Practices (PCBMP)

In addition to other applicable Runoff Control Performance Standards, the following requirements apply to all regulated development, except regulated development authorized by a General Permit.

6.—Runoff Volume Reduction Hierarchy

In addition to other applicable Runoff Control Performance Standards, the following requirements apply to Major Development, Public Road Development and Mining Development disturbing 1 acre or more:

a. PCBMPs are required to treat the stormwater runoff for pollutants of concern and reduce runoff volume for all regulated development. Regulated development with site limitations such as roadway development, shall provide PCBMPs to the maximum extent possible. The applicant shall provide the following information for the development site:

(1) A narrative description of the proposed use and activities of the development site and adjacent areas. Potential activities of concern include, but are not limited to, the following:

i. Vehicle traffic areas for commercial or industrial sites;

ii. Outdoor storage of items including, but not limited to, landscaping materials, fuel, dump sites, and salt storage;

iii. Agricultural uses and practices. If the agricultural use or practice maintains agricultural best management practices in accordance with the NRCS conservation guidelines and standards, the Enforcement Officer may exempt the agricultural use or practice from needing a PCBMP;

iv. Maintenance facilities;

v. Gas or fueling tank stations.

(2) A narrative description identifying potential pollutants of concern that may be generated by the proposed development. Potential pollutants of concern include, but are not limited to the following:

i. Total suspended solids (TSS);

ii. Metals and Oils;

iii. Nutrients consisting of nitrogen and phosphorous.

(3) Identification of PCBMPs for the treatment of the identified pollutants with supporting data and calculations used to size, locate, design, and maintain the PCBMPs;

(4) A recorded maintenance plan for any proposed PCBMPs with signature from the Enforcement Officer;

(5) If the applicant can demonstrate that the proposed development would not generate any potential pollutants of concern or the development contains an existing PCBMP that can provide treatment for the potential pollutant of concern, the Enforcement Officer may waive the PCBMP requirement.

a.b. For Major Development, Public Road Development, and Mining Development disturbing 1 acre or more, the applicant shall choose one or more strategy from the following hierarchy to minimize the increase in runoff volume from the development site:

- (1) Preservation of natural features of the development site (e.g. natural storage and infiltration characteristics, floodplains, wetlands, prairies and woodlands);
- (2) Preservation of the existing natural streams, channels and drainageways;
- (3) Minimization of impervious surfaces created at the development site (e.g. narrowing road width, minimizing driveway length and width, clustering homes and shared driveways);
- (4) Conveyance of stormwater in open vegetated channels;
- (5) Natural landscaping as an alternative to turf grass;
- (6) Structural measures that provide water quality and quantity control;
- (7) Structural measures that provide only quantity control.

~~7.—Water Quality Protection~~

~~In addition to other applicable Runoff Control Performance Standards, the following requirements apply to all regulated development, except regulated development authorized by a General Permit.~~

~~c.—Water quality treatment shall be provided for stormwater runoff from increased impervious areas:~~

- ~~(1) All sites shall provide water quality treatment using existing or proposed best management practices or green infrastructure methods specifically designed for water quality treatment.~~
- ~~(2) On highly impervious development sites, such as multi-family residential and non-residential developments, water quality treatment devices shall be designed to remove both floatable and settleable pollutants from as much of the stormwater runoff from increased impervious areas as possible. This requirement may be met by directing as much stormwater runoff from increased impervious areas as possible through a hydrodynamic separator, or into a catch basin fitted with a hooded outlet cover. Alternate treatment methods providing a similar or higher level of water quality treatment may be approved by the Enforcement Officer.~~

~~(3)c.~~ _____ In Public Road Developments, the stormwater management system shall be designed to direct as much stormwater runoff from increased impervious areas as possible through a vegetated swale, across a vegetated filter strip, or into a catch basin before being discharged from the development site. Alternate treatment methods providing a similar or higher level of water quality treatment may be approved by the Enforcement Officer.

- d. Appropriate pre-treatment shall be provided for stormwater runoff directed to new or existing Class V injection well.
- e. Appropriate pre-treatment shall be provided for stormwater runoff directed to infiltration based practices in areas designated as High or Moderately High Potential for Aquifer Recharge/Contamination on the McHenry County Sensitive Aquifer Recharge Areas Map.

Free BMP Talk and Tour

McHenry County

Solar Summit

JUNE 21, 2024



Friday June 21, 2024

1:00 - 3:00 pm

**McHenry County
Administration Building**

**667 Ware Road
Woodstock, IL 60098**

Conference Room A

Clean renewable energy from solar has reached a new turning point in the United States. Join our panel of experts to learn all about solar farms, the current state of solar in McHenry County and across the state, and what the future of solar energy may look like.

Expert speakers include:

- **Jon Carson**, Founder of Trajectory Energy Partners. Jon's knowledge of the clean energy industry and his excellent communication skills make for highly informative and engaging presentations.
- **Kimberly Scharlow**, Planner for the McHenry County Department of Planning and Development who helps oversee solar farm permitting will show how solar farms are developed in the county.

To register, please RSVP at: <https://tinyurl.com/BMPTourSignup>

or email Scott Kuykendall, McHenry County Water Resources Specialist at
SHKuykendall@mchenrycountyil.gov

The popular Talk and Tour workshops are a collaborative effort between the Environmental Defenders of McHenry County (Water and Natural Resources Protection Committee) and the McHenry County Department of Planning and Development.

JUNE 21, 2024