

VILLAGE OF NORTHBROOK
NORTHBROOK, ILLINOIS

MEETING AGENDA
STORMWATER MANAGEMENT COMMISSION
REMOTE MEETING

DATE: February 18, 2021
TIME: 6:30 to 8:00 p.m.
PLACE: WebEx Meeting – Contact Matt Farmer at 847-664-4120 for login instructions

Important Notice:

This meeting of the Stormwater Commission will be conducted remotely via Webex video conference call in accordance with Section 7(e) of the Illinois Open Meetings Act, as amended by Public Act 101-0640, and Governor Pritzker's Executive Order 2020-38. The meeting is open to the public for online viewing and a limited number of members of the public will be permitted to listen to and provide comment during this meeting in the Northbrook Public Works 2nd Floor Conference Room, 655 Huehl Road. In-person attendees will be accommodated on a first-come/first-seated basis and will be required to comply with social distancing and wear face coverings at all times in the Public Works Building. Please note that social distancing guidelines limit capacity of the 2nd Floor Conference Room to a maximum 5 persons, including Village Staff. Therefore we encourage all members of the public who can view the meeting virtually to do so.

If you wish to hear the discussion and watch the meeting remotely, please contact Matt Farmer, Village Engineer, at 847-664-4120 for call-in or viewing instructions.

AGENDA:

- 1) Review and approval of the minutes from the January 28, 2021 meeting
- 2) Hear from audience on topics not in the agenda
- 3) Old Business
 - a) Continued Discussion of Impervious Fees and Residential Detention Requirements from the August 26, 2020, January 7 and January 28, 2021 SWC Meeting
 - b) Continued Discussion of Rain Gardens from the January 28, 2021 SWC Meeting
 - c) Climate Action Planning Team Update – Lenard Rago
- 4) Hear from Commissioners concerning new topics
- 5) Next Meeting Date: March 18, 2021
- 6) Adjourn

The Village of Northbrook is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of this meeting or the facilities, are requested to contact Debra Ford (847/664-4013) promptly to allow the Village of Northbrook to make reasonable accommodations for those persons. Hearing impaired individuals may call the TDD number, 847/564-8545, for more information.

AGENDA ITEM 3.a



MEMORANDUM

VILLAGE OF NORTHBROOK

PUBLIC WORKS DEPARTMENT

TO: Stormwater Commission
FROM: Matt Farmer, Village Engineer
DATE: February 11, 2021
SUBJECT: Impervious Fees and Residential Detention Requirements

At the August 21, 2020 and January 7 and January 28, 2021 SWC meetings the members discussed impervious fees and residential impervious credits. February 18, 2021 will be the fourth meeting on the subject.

Impervious Fees

The Village charges impervious fees for additional impervious proposed by a development. For residential development, the fee is structured to be higher in some areas of the Village than in others.

Impervious Credits

The Village allows credit for existing impervious on residential development sites that reduces the volume of detention required for new construction. Example situations have been provided in previous meetings.

Questions the SWC considered during the 01/28/21 meeting

1. Is the current 2,500 SF maximum additional impervious allowed with a fee appropriate for SFR's?
2. Should the Village track total additional impervious allowed with a fee per property?
3. After the maximum impervious allowed with a fee is exceeded should detention be provided starting at pre-construction impervious area?
4. Should an existing lot be given a calculated existing impervious credit? ie: 30% of total lot.
5. Is the current fee structure of \$0.00, \$0.80, and \$1.60 per SF added impervious appropriate?
6. How will properties be evaluated that have already added significant impervious with no constructed detention when the owner proposes to add a small amount of impervious that requires a permit?

The Commission answered questions #1-#5 in the January 28th SWC meeting. Matt Farmer sent an email to the Commission members on February 10th asking for comments on question #6 to be shared with the SWC at the February 18th meeting.

If the SWC finishes the discussion of these items the Commission members will be asked to make a recommendation to the Board of Trustees for changes in the Municipal Code and Engineering Specifications Manual.

AGENDA ITEM 3.b



MEMORANDUM

VILLAGE OF NORTHBROOK

PUBLIC WORKS DEPARTMENT

TO: Stormwater Commission
FROM: Matt Farmer, Village Engineer
DATE: February 11, 2021
SUBJECT: BOT Request of SWC to Review Rain Gardens

At the January 12, 2021 Committee of the Whole meeting the Board of Trustees (BOT) requested the Stormwater Commission (SWC) review the benefits of rain gardens on residential lots. At the January 28, 2021 SWC meeting the members discussed rain gardens. The February 18, 2021 SWC meeting will be the second meeting on the subject.

The members considered the following questions at January 28, 2021:

1. Are rain gardens an appropriate option for detention on residential sites?
2. Are rain gardens an appropriate option for other drainage issues on residential sites?
3. Are rain gardens an item we should encourage rather than just an option?
4. Should the Village incentivize the installation of rain gardens over other methods of detention?
5. Are there areas of the Village that are more beneficial for the installation of rain gardens than others?
6. What low-risk, high yield opportunities are there for rain gardens in Northbrook?

The Commission answered questions #1-#4 in the meeting. Matt Farmer sent an email to the Commission members on February 10th asking for comments on questions #5 and #6 to be shared with the SWC at the February 18th meeting.

When the SWC finishes the discussion of these items the Commission members will be asked to make a recommendation to the Board of Trustees for the use of rain gardens.