



**VILLAGE OF ELBURN
COMMITTEE OF THE WHOLE MEETING
MONDAY, JUNE 18, 2018
7:00 PM**

1. Call To Order
2. Roll Call
3. Public Comment
4. Discussion:
 - a. Discuss Strategic Plan Update
 - b. Façade Grant Funding
 - c. Amending Ordinance 1044.05(C) Watering Hours
5. Other Business
6. Adjournment



Village of Elburn

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To: Village Board
From: Phil VanBogaert, Superintendent of Public Works
Date: June 14, 2018
Subject: Watering Restrictions
ESP: STR-3 Municipal Code Review and Update

At the June 4 COW, the Board directed Village staff to research watering restrictions including restricted hours, sod permits and restricting sod/new lawn installation during hotter months. This was prompted by a request from developers and homeowners to increase watering hours for new sod/lawns.

The current Village Water Use Restrictions Ordinance allows the following as far as new sod/seeded lawns:

- Sod/seeded lawns require a permit (\$25).
- Newly installed sod may be watered for a period of time not to exceed 8 hours on the first day.
- For the next consecutive 9 days, watering is permitted between the hours of 6-9am and 6-9pm. Thereafter, the odd/even schedule must be complied with.
- New lawn or landscaping is prohibited from July 1 through August 31, unless the source of watering is derived from reclaimed greywater, recycled effluent or harvested rainwater.
- Use of handheld hoses or drip-type irrigation is permitted during any day of the month, at any time of the day.

Sod farmers were consulted as to the care of newly laid sod.

- The first week to 10 days after new installation is crucial.
 - One strongly suggested a 7 day unrestricted (24 hour) use of water.
- Newly laid sod should be watered immediately.
 - This requirement is met by the Village's current Water Restriction Code which allows eight hours on the first day.
- Newly laid sod requires more than 3-hour increments during the first 7-10 days.
 - Elburn's current ordinance allows two 3-hour increments on days 2 thru 10 after a new lawn is installed.

- While some communities polled mirror Elburn's restrictions, there are some who allow watering either an hour earlier or an hour or two later in the day. A few others restrict watering between the hours of noon and 6pm.
- As far as restricting new lawns between July 1 and August 31, the sod farmers said yards are installed year round—especially new homes who are not allowed a Certificate of Occupancy unless the yard is planted or stabilized.
 - The Village of Elburn issues Temporary Occupancy Permits in this situation.

A landscaper was also consulted who advise clients not to allow new sod to dry out for the first two weeks. They feel two 3-hour windows are sufficient after the first day. However, if a developer/landscaper has multiple homes they need to water, extending the watering hours to noon should be sufficient as watering during the mid-day heat is poor conservation. Another suggestion is to pull water from a secondary source (ponds, etc.). (NOTE: The Village has a supply of non potable water available at the Village WWTP. Should the Village make this source available to anyone who would like to haul it?)

Multiple communities were polled and the following mirror Elburn's watering restrictions:

- Sugar Grove
- St. Charles
- Geneva
- Aurora
- North Aurora
- Montgomery

A few other communities vary slightly (see attached matrix).

Based on the information provided above, I can provide the following scenarios:

1. Allow developers or homeowners to apply for a Special Exemption (for a higher fee) whereas they can have full unrestricted use of water for the first ten days after new sod/seed is installed.
2. Extend watering hours during the first ten days after installing sod/seed from 6am to noon in the morning. Leave evening hours at 6-9pm.
3. Permanently prohibit watering village-wide between the hours of noon and 6pm daily.
4. Allow access to the supply of non potable water at the Village WWTP to anyone who would like to haul it.

MUNICIPAL WATER RESTRICTIONS COMPARISON

<u>Municipality</u>	<u>Odd/Even Schedule</u>	<u>Restricted Hours</u>	<u>Sod Permits</u>	<u>Comments</u>
Elburn	Y	6am-9am & 6pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 6am-9am & 6pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device
Sugar Grove	Y	6am-9am & 6pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 6am-9am & 6pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device
St. Charles	Y	6am-9am & 6pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 6am-9am & 6pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device
Geneva	Y	6am-9am & 6pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 6am-9am & 6pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device
Yorkville	Y	5am-9am & 5pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 5am-9am & 5pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device

<u>Municipality</u>	<u>Odd/Even Schedule</u>	<u>Restricted Hours</u>	<u>Sod Permits</u>	<u>Comments</u>
North Aurora	Y	6am-9am & 6pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 6am-9am & 6pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device
Montgomery	Y	6am-9am & 6pm-9pm	Yes 8 hours on Day 1 For the next consecutive 9 days, 6am-9am & 6pm-9pm New seed/sod prohibited July 1 thru Aug 31	No restriction on handheld watering device
Westmont	Y	7am-11am & 7am-11am	Y Permit valid for 3 weeks	No restriction on handheld watering device
Darien	Y	Prohibited between the hours of 11am & 7pm	Restriction shall not prohibit the watering of newly planted seed or laying of sod for a yard less than 3 months old	
Lisle	Y	5am-10am & 5pm-10pm	Y Expires in 14 days	No restriction on handheld watering device
Bensenville	Y	Prohibited between the hours of 12:00 noon & 6pm	Y	
Lombard	Y	7am-11am & 7pm-11pm		
Burr Ridge	North – Mon, Thurs, Sat South – Tues, Fri, Sun	Prohibited on Wednesdays or any day from 12:00 noon to 6pm	Y	
Elgin	No restrictions on water use			
Lemont	Y	Prohibited between 10am and 6pm		
Bensenville	Y	Prohibited between 12:00 noon & 6pm	Y	
Wheaton	Y	Prohibited between 12:00 noon & 6pm	Y – for a 10-day period, but prohibited between 12:00 noon & 6:00pm	No restriction on handheld watering device
Riverside	Y	6am-10am & 6pm-10pm	Yes – valid for 3 weeks	No restriction on handheld watering device

<u>Municipality</u>	<u>Odd/Even Schedule</u>	<u>Restricted Hours</u>	<u>Sod Permits</u>	<u>Comments</u>
Willowbrook	East on even days West on odd days	6am-12:00 noon & 6pm-10pm	Yes -- valid for 30 days -- watering prohibited between 12:00 noon & 6pm	
Hoffman Estates	Y	Prohibited between 11am- 5pm	Y Watering prohibited between 11am-5pm	
Lisle	Y	5am-10am & 5pm-10pm	Y Expires in 14 days	
Norridge		Prohibited between 12 noon -- 6pm		
Clarendon Hills	North of railroad on odd days South of railroad on even days	Prohibited between 10am & 4pm		
Aurora	Y	6-9am and 6-9pm	Y 8 hours on day 1 6-9am & 6-9pm on days 2 thru 10 Prohibited in July/August unless alternative water source used	