



## Irrigation Sprinkling Policy

### A POLICY FOR REGULATING THE USE OF OUTDOOR WATER THROUGH EFFICIENT SPRINKLING PRACTICES

The Trustees of the Black Mountain Irrigation District **ENACT THE FOLLOWING:**

1. In accordance with Black Mountain Irrigation District Bylaw No. 610, Domestic Water Regulation, the Black Mountain Irrigation District provides the following details for sprinkling regulations for domestic, commercial, industrial and institutional properties within the water district.
2. This policy excludes agricultural water usage on taxed agricultural parcels of land which is covered in the Irrigation Bylaw.
3. Sprinkling regulations are in effect throughout the irrigation season (April – October) annually. Implementation of specific sprinkling stages is at the discretion of the Trustees.
4. Sprinkling regulations are implemented in accordance with the City-wide approach to provide common direction and standards to the citizens of Kelowna. Sprinkling regulations will be enacted in the following stages:

### NORMAL REGULATIONS

Normal regulations are set to provide sufficient water for normal outdoor watering requirements, while allowing the District to effectively manage the distribution of water to all BMID customers.

a) **Days of Watering:**

Sprinkling is only permitted at residential, commercial, industrial and other non-agricultural properties as follows:

- Even numbered property addresses                      Watering is only permitted on even calendar days
  - Odd numbered property addresses                      Watering is only permitted on odd calendar days
- Outdoor watering is permitted to any property needing water on the 31<sup>st</sup> day of the month.

b) **Automatically Controlled Underground Sprinkler Systems**

Properties equipped with an automatic time clock sprinkler system may only water between the hours of 10:00 pm and 6:00 am as permitted by the sprinkler regulations described within. The watering day corresponds to the 10:00 pm starting time meaning that odd day watering starts at 10:00pm on the odd day and carries on into the following even numbered day. The 8 hour watering period starts at 10:00 pm.

c) **Manually Controlled Sprinklers (Residential and Commercial):**

Properties equipped with only manually controlled sprinkler systems, including those attached to outside taps, may only operate from 6:00 am to 11:00 am and from 6:00 pm to 12:00 midnight on the days permitted by the sprinkling regulations as described within.

d) **Not Permitted Times:**

Underground sprinkling systems are not permitted between the hours of 11:00 am and 6:00 pm during any day at any time of the year.



e) **Hand Watering:**

Only one 12mm diameter outlet (outside tap) may be used at one time for sprinkling, and it is not permissible to use an open pipe or hose for irrigating purposes.

Drought stages: Under drought conditions, or conditions where water supply may be compromised, the Black Mountain Irrigation District may impose additional more stringent water regulations as defined by the following water regulation stages.

**STAGE 1 – SPRINKLING REGULATIONS:**

Stage 1 watering regulations apply when enacted by the Board of Trustees. The Stage 1 watering regulations are similar to the Normal Regulations however Stage 1 acknowledges there may be shortages in the BMID water system and-or within the nearby water supply areas. The Stage 1 conditions are to advise the public of increased probability of drought and increased monitoring and enforcement by District staff.

a) **Days of Watering:**

Sprinkling is only permitted at residential, commercial, industrial and other non-agricultural properties as follows:

- **EVEN** numbered property addresses                      Watering is only permitted on **EVEN** calendar days.
  - **ODD** numbered property addresses                      Watering is only permitted on **ODD** calendar days.
- No outdoor watering is permitted on the 31<sup>st</sup> day of the month

Under certain situations, such as drought conditions, protection of works and the efficiency of the system as a whole, and whereby determined by the Black Mountain Irrigation District, additional conservation stages may be imposed, and are in effect until determined by the Trustees.

**STAGE 2 SPRINKLING REGULATIONS**

a) **Days of Watering:**

Sprinkling is only permitted at residential, commercial, and other non-agricultural properties as follows:

- **EVEN** numbered addresses:                      Watering is only permitted on **Saturdays** and **Tuesdays**.
- **ODD** numbered addresses:                      Watering is only permitted on **Sundays** and **Wednesdays**.

b) **Automatically Controlled Underground Sprinkling Systems (Residential & Commercial):**

Properties equipped with an automated time clock sprinkler system may only sprinkle between the hours of 10:00 p.m. to 6:00 a.m. on the days permitted by the sprinkling regulation as described above. The 8 hour watering period starts at 10:00 pm and carries on into the next day.

c) **Manually Controlled Sprinklers (Residential & Commercial):**

Properties equipped with only manually controlled sprinkling systems, including those attached to outside taps, may only operate from 6:00 a.m. to 11:00 a.m. and from 5:00 p.m. to 10:00 pm on the days permitted by the **sprinkling regulations** as described above.



### STAGE 3 SPRINKLING REGULATIONS

**a) Days of Watering:**

Sprinkling is only permitted at residential, commercial, and other non-agricultural properties as follows:

- EVEN numbered addresses: Watering is only permitted on **Saturdays**.
- ODD numbered addresses: Watering is only permitted on **Sundays**.

**b) Automatically Controlled Underground Sprinkling Systems (Residential & Commercial):**

Properties equipped with an automated time clock sprinkler system may only sprinkle between the hours of 10:00 pm and 6:00 a.m. on the day permitted by the **sprinkling regulations** as described above.

**c) Manually Controlled Sprinklers (Residential & Commercial):**

Properties equipped with only manually controlled sprinkling systems, including those attached to outside taps, may only operate from 6:00 a.m. to 11:00 a.m. and from 6:00 p.m. to 10:00 pm on the day permitted by the **sprinkling regulations** as described above.

**d) No person shall:**

- fill a swimming pool, hot tub, garden pond or decorative fountain at any time; or
- wash a vehicle or a boat with water.

### STAGE 4 SPRINKLING REGULATIONS – EMERGENCY CONDITION

- a) No person shall use water outdoors for any purpose
- b) BMID Staff are to refer to the Emergency Response Plan for Emergency Loss-of-Supply condition

The stated regulations conform and are in accordance with the attached spreadsheet from the Kelowna Joint Water Committee.

**CONSIDERED AND PASSED** during the board meeting held on May 25, 2010

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GORDON IVANS, Chairman of the Trustees

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ROBERT HRASKO, Administrator