

Lakeland Meadows

Water Conservation Plan

11/05/2021

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Due to our application for new water rights and per a requirement by the Idaho Department of Water Resources with regard to the Rathdrum Prairie Ground Water Management Area 2005 Management Plan, Lakeland Meadows is required to develop a conservation plan. This water conservation plan will be managed by the Lakeland Meadows Water System owner. This plan is meant to encourage responsible water usage amongst the residents of Lakeland Meadows by utilizing conservation techniques that are reasonable and measurable.

Current conservation methods include:

- Metering all water connections including the source
- Providing customers, a quarterly water usage bill and summary
- Setting billing rates that encourage conservation by establishing limits on usage and charging overage fees
- Employing licensed water operators who calculate a monthly water balance used to discover water loss

Proposed conservation methods include:

- Encouraging eco-friendly landscaping such as:

Xeriscaping. Xeriscaping is defined as a style of landscape design requiring little or no irrigation or other maintenance, used in arid regions. Although our region is not arid here in the inland Northwest we can employ some of the techniques such as using drought tolerant plant. 5 unique plants that grow particularly well in our area while being drought tolerant are Amaryllis Belladonna, Crambe Maritima, Yucca Filamentosa, Purple Stem Sweet Box, and Polypodium Glycyrrhiza.

Hard Scaping. Hardscaping refers to any man-made structure within landscaping design that is made of inanimate materials like gravel, brick, wood, pavers, or stone. Some examples of hardscape features include driveways, patios, fire pits, and walkways.
- Promoting the use of water sense building materials and products.

<https://www.epa.gov/watersense/watersense-labeled-homes>

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Providing educational materials and or information in quarterly billing statements regarding conservation methods and techniques. This quarterly information will cover topics such as:

Proper winterization for water systems

Sprinkler systems maintenance

In home water efficiency techniques

Spotting leaks

EPA Water conservation guidelines

Water Sense products