



# Water Shortage Management Plan

Resident Guide to Conserving Water



# What is the Water Shortage Management Plan?

The Lehi City Water Shortage Management Plan is intended to protect and preserve public health, welfare, and safety in the event of a water shortage. This plan augments and supports the Lehi City Water Conservation Plan and other relevant city ordinances.

It is important for any Lehi water user (municipal, commercial, and residential) to understand how to appropriately respond to a water shortage. This document explains how a water shortage is defined, what action should be taken by city administration and Lehi water users, and how the provisions will be enforced. The provisions of this plan apply to all persons, customers, and property utilizing water provided by the Lehi City Water Division.

The complete Secondary Water System Conservation ordinance can be found in the municipal code, Chapter 13.28. Visit [www.lehi-ut.gov/government/municipal-code](http://www.lehi-ut.gov/government/municipal-code) for more information. If you have questions about the management plan, please contact our Water Division at (385) 201-1900.

## Water Shortage Phases

The Lehi City Water Division regularly monitors the level of city water sources. At the beginning of each month during the peak water usage season (June, July, August, and September), the Lehi City Water Division will use data collected internally, as well as data provided from external sources like the Provo River Water Users Association, to determine the drought conditions in Lehi City. Based on the level of water, the Water Division will determine which water shortage phase will be implemented for that month. In 2015, water restrictions will begin May 11.

The level and severity of water shortage has been categorized into three phases according to the level of water available. Each phase is labeled with a color to better illustrate when a respective phase is in effect. The three phases with their respective color are:

*Phase I: Normal Water Condition (Green)*

*Phase II: Moderate Water Shortage (Yellow)*

*Phase III: Severe Water Shortage (Red)*

Lehi City water users will be informed of which phase is in effect. Each phase includes voluntary and/or required conservation actions to provide clear guidance to water users on how to respond to water shortages. The next section provides detail on required actions for each phase of the management plan.

|  | Phase I          | Phase II        | Phase III          |
|--|------------------|-----------------|--------------------|
|  | 75-100% Capacity | 50-74% Capacity | Below 50% Capacity |
| Lawn Watering                              | Voluntary        | Mandatory       | Mandatory          |
| Hard-Surface Washing                       | Voluntary        | Mandatory       | Mandatory          |
| Swimming Pools                             | Voluntary        | Voluntary       | Mandatory          |
| Outdoor Fountains & Ponds                  | Voluntary        | Voluntary       | Mandatory          |
| Washing Personal Vehicles                  | Voluntary        | Voluntary       | Mandatory          |
| Recreation Sprinklers & Outdoor Water Toys | Voluntary        | Voluntary       | Mandatory          |

## Water Shortage Response and Actions

### Phase I: Normal Water Condition

*(Water levels at 75-100 percent capacity)*

Water users are encouraged to follow responsible watering habits; however, Lehi City will not enforce water restrictions during Phase I.

### Phase II: Moderate Water Shortage

*(Water levels at 50-74 percent capacity)*

**Lawn Watering:** Limited to three days a week according to city or county street addresses.

- Odd-numbered addresses: Monday, Wednesday, Friday
- Even-numbered addresses: Tuesday, Thursday, Saturday
- Spot-watering on Sunday

**Hard-Surface Washing:** No hard-surface washing, except for health or safety reasons.

### Phase III: Severe Water Shortage

*(Water levels below 50 percent capacity)*

**Lawn Watering:** Limited to two days a week according to city or county street addresses.

- Odd-numbered addresses: Monday and Friday
- Even-number addresses: Tuesday and Saturday
- Spot-watering on Sunday

**Hard-Surface Washing:** No hard-surface washing, except for health or safety reasons.

**Swimming Pools:** Use pool covers when pools are not in use and lower the water level by four inches to reduce water loss from splashing.

**Outdoor Fountain & Ponds:** Water may not spray above fountain or pond surface.

**Washing Personal Vehicles:** Use a bucket or a positive pressure nozzle on the end of any hose. Wash the vehicle on the lawn or another permeable surface.

**Recreation Sprinklers & Outdoor Water Toys:** Prohibited.

## Enforcement

In order to conserve water in times of water shortage and ensure that Lehi City can provide fire protection to its residents and businesses, the City has established a progressive enforcement strategy. Enforcement measures are intended to educate water users about proper water conservation and reserves punitive action for repeat violators.

**First Violation:** Hand-delivered written notice of violation and instructions on necessary corrective action.

**Second Violation:** \$100 fine and a warning of actions consequent to a third violation. The violator may receive a full reimbursement of the fine by attending a water conservation seminar provided by Lehi City.

**Third Violation:** \$500 fine.

Exceptions are made for new lawns that require frequent irrigation within 30 days for establishment purposes. Exceptions are also made for short cycles required for testing, inspecting, and maintaining irrigation systems.

## Public Notification and Education

Notifying and educating Lehi City water users is vital to the success of the water management plan. As such, Lehi City will focus on notifying and educating the public through the followings mechanisms:

**Website, Social Media, etc.** – The City will rely heavily on its website and social media platforms to communicate with the public regarding the plan. This includes notifying the public regarding the water shortage phases that are in effect, ways to better conserve water, educational information regarding the City’s water system, etc.

**Direct Email** – The City will use its direct email system to notify Lehi water users regarding applicable water shortage and conservation information.

**City Newsletter** – Not all Lehi water users have access to and/or prefer communicating electronically. Thus, the City will supplement its communication efforts through its newsletter with applicable information including water shortage phases in effect, ways to better conserve water, educational information regarding the City’s water system, etc.

**City Marquees** – The City will post the current water phase on its roadside marquees throughout the peak water usage months.

**Direct Mail** – When necessary, the City will use direct mail to notify Lehi water users of necessary water shortage and conservation measures. This step will only be taken when it is determined that all other methods of communication are insufficient based on specific circumstances.