WATER CONSERVATION PLAN
City of Olathe, Kansas
(updated January 2009)

City Council
Michael Copeland, Mayor
  John Bacon
  Ron Ryckman
  Bob Montgomery
  Jim Randall
  Marge Vogt
  Larry Campbell

Michael Wilkes, City Manager
Susan Sherman, Assistant City Manager

Olathe Municipal Services
Don Seifert, Director, Olathe Municipal Services
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Background Information

Role of the Kansas Water Office

Under laws passed in 1986, certain water users are required to prepare water conservation plans. As a member of the Kansas River Water Assurance District, the City of Olathe is required to have a water conservation plan approved by the State. The Kansas Water Office is the state agency directed to develop and maintain water conservation guidelines with approval by the Kansas Water Authority. The following Water Conservation Plan for the City of Olathe was revised in 2009 in accordance with the Municipal Water Conservation Plan Guidelines published by the Kansas Water Office in August 2007. The document presents procedures for developing conservation plans and drought contingency plans. According to the guidelines, each municipal water conservation plan shall contain, at a minimum, the following four sections: (1) Introduction, (2) Long-Term Water Use Efficiency, (3) Drought Response, and (4) Monitoring, Evaluation, and Revision. In addition, municipal water utilities must include a Water Drought/Emergency Ordinance as an appendix in their plans.

Although the terms “conservation plans” and “drought contingency plans” are frequently used synonymously, the Water Office has made a distinction between the two. For its purposes, water conservation measures are those which “reduce demand for water, improve efficiency in water use, and reduce water losses and waste.” Hence water conservation measures are used on a continuous basis to promote overall water use efficiency. Drought contingency measures are “temporary, short-term water conservation methods or techniques designed to be used only as long as a drought emergency exists.”

Importance of Water Conservation

Historically, water conservation measures have typically been invoked only during times of drought or other emergency water shortage. However, this view of conservation’s role is rapidly changing, and like many public water suppliers, the City of Olathe is looking to conservation as a viable long-term supply option, helping to avert water and wastewater system expansions, resulting in a significant savings in capital and operating costs. Ultimately, water conservation must be a shared responsibility between the City and all citizens of Olathe.

In addition, when droughts occur, short-term demand reduction measures can be implemented in addition to public information campaigns to achieve further reductions in water use. Drought is a recurrent feature of the climate in Kansas. In the last 100 years, there have been five major and numerous minor drought episodes that have plagued the State. The drought of record occurred between 1952 and 1957. More recent droughts have occurred in 1988, 1989 and 1991. (Source: Kansas Water Office)
Water-use efficiency in the United States may be required in coming years by federal water conservation planning guidelines that USEPA established for water utilities in 1998. Development of these guidelines was required by the 1996 amendments to the Safe Drinking Water Act to help integrate conservation into water utilities capital facility planning.

**Benefits of Water Conservation Planning:**

1. Enable the City to ensure adequate quantities of high quality water for the citizens of Olathe.

2. Allow the City to maintain an adequate supply of water for essential personal, commercial, and industrial needs, as well as a sufficient supply for life safety and fire fighting.

3. Extend the availability of water storage capacity in Tuttle Creek, Milford, and Perry Reservoirs, especially during periods of drought.

4. Postpone distribution system improvements and help to stabilize customers’ water rates.

5. Avoid or defer capital facility expansion plans and costs for water and wastewater facilities.

6. Reduce environmental impact (i.e., in-stream flows, groundwater over-pumping, effects on wetlands).

7. Increase community involvement in conservation program implementation, contributing to greater program success.
Introduction

Population & Projected Growth

Olathe, Kansas is located in Johnson County in the northeast part of the state. Olathe’s population has grown from 61,000 (1990 estimate) to over 123,258. The water utility is municipally-owned and operated as a Division of the City’s Municipal Services Department. It currently serves approximately 34,134 single-family, multi-family commercial and industrial customers. Part of the City’s population is served by WaterOne of Johnson County. The population of the area served by the City’s water utility is projected to reach 144,665 by the year 2020 (source – Mid-America Regional Council). In 2009, service connections number approximately 34,142, with 168 new connections added during 2008.

Water Supply

The City obtains raw water from one source: The Kansas River.

Water Plant No. 2 obtains its raw water from alluvial wells located along the Kansas River. This plant has a firm water treatment capacity of 36 MGD. The main source of flow for the Kansas River is supplied from Tuttle Creek, Milford, and Perry Reservoirs.

Water Plant No. 1 is projected to be decommissioned on January 1, 2010.

A second source of finished water is available from WaterOne using two interconnections, on an emergency basis only, when WaterOne has surplus capacity available. (Interconnections at 105th St. & Lone Elm Rd. and also 119th St. & Renner Rd.)

Water Usage

Maximum daily usage was 27.11 million gallons on August 9, 2003. Average daily usage in 2008 was approximately 11.94 million gallons. Usage was down in 2008 due to wet weather throughout the year.

In 2008, the City supplied over 4.36 billion gallons of drinking water to Olathe residential, commercial and wholesale customers. Of this amount, 100 percent was supplied by Water Treatment Plant No. 2.
Supply Management

The City of Olathe has taken several measures to ensure Olathe’s citizens have an uninterrupted, adequate and safe supply of drinking water, including the following:

- Participation in the formation of Kansas River Water Assurance District No. 1 that will allow for storage releases from Tuttle Creek, Milford, and Perry Reservoirs during low river flows.
- Construction in 2002 of a second (5 MGD) Kansas River alluvial collector well (CW2).
- Development of a water system expansion plan involving phased expansion of the treatment capacity at Water Plant No. 2.
- Construction in 2004 of a third (5 MGD) Kansas River alluvial collector well (CW3).
- Construction in 2005 of a fourth (5 MGD) Kansas River alluvial collector well (CW4).
- Construction of a new 42-inch transmission main from Water Plant No. 2 to the distribution system in 2009.
- Construction of new water mains to improve fire flow support to the southeast corner of the City of Olathe.
- Projected construction of a fifth Kansas River alluvial collector well projected for 2012 (CW5).
- Projected construction of a 1 MGD, elevated storage tank at 153rd & Murlen, in 2014.

The primary objective of the City’s Water Conservation Plan is to achieve more efficient use of the State’s limited water resources by:

- Encouraging wise water use through a conservation rate structure;
- Monitoring water loss records so remedial actions can be taken;
- Educating customers about efficient water use;
• Monitoring and implementing water use strategies to ensure a sufficient water supply for health, safety and public welfare.

Long-Term Water Use Efficiency

Water Use Conservation Goals

The 2007 Kansas Municipalities Water use Report\(^1\) indicates that the City of Olathe is located in Region 8 and is defined as a large public water supply. Table 12 on page 26 of the report indicates that the City has a usage of 94 gallons per capita per day (gpcd), which is 28% lower than the average usage of its peers in Region 8. Region 8 includes ten municipal water utilities throughout a two-county-wide band along the eastern portion of Kansas. The gpcd figure is according to the methods determined by the Division of Water Resources (DWR) in their annual report, and includes a) water sold to residential/commercial customers; b) water distributed for free public services such as park, cemeteries, swimming pools, etc.; and c) water lost by leaks in the distribution system. The gpcd figure does not include municipally-supplied industrial water for industries that use over 1,000,000 gallons per year or water sold to wholesale customers. Table 12 also shows that the “unaccounted for” water, water withdrawn but not delivered to customers, for the City of Olathe was 13%, the average for Region 8.

According to the City’s calculations, residential per capita use was 126 gpcd in 2008. The City of Olathe set a water conservation goal of 140 gpcd which is within 25% of the regional average for cities in Region 8. The City anticipates continuing to meet this goal by carrying out the specific conservation practices that are outlined in this plan.

Water Conservation Practices

The City’s conservation practices include actions that will reduce overall demand for water, diminish water usage at peak load, improve efficiency in water use, and reduce water losses and waste. This subsection of the plan summarizes the current education, management and regulation efforts that relate to the long-term conservation of water in the City of Olathe. Specific practices to conserve water are listed, and a target date to begin each practice is also shown.

Summary of Current and Future Education Efforts

\(^1\) 2007 Kansas Municipalities Water Use Report, published by the Kansas Department of Agriculture (Division of Water Resources), the Kansas Water Office and the U.S. Geological survey (Water Resources Division).
The City has taken a proactive approach to increasing awareness about water conservation throughout the Olathe community. Educational materials covering a variety of related topics associated with water conservation are distributed through the following outlets: Direct mail, newsletters, Consumer Confidence Report, website, Channel 7, customer service window for bill payment, and area schools. Water conservation tips are made available during the summer months on the City’s website and on the local cable access channel bulletin board. Occasionally, the City will prepare special targeted direct mailings for water customers with inordinately high water use during the summer months, with an emphasis on ways households can improve the efficiency in their outdoor water usage without compromising an attractive landscape. In addition to issuing news releases to the local media during the hot, dry summer months, water conservation articles are included in the City’s newsletter that is mailed six times a year to all Olathe residents.

The City relies heavily on the Johnson County K-State Research and Extension office for communicating information on water conservation landscape practices to residents. Pamphlets published by the K-State Research & Extension office containing information on water conservation landscaping are made available on the City’s website, and at the customer service window for utility bill payment. Residents are encouraged to contact the local extension office for additional information regarding xeriscaping and turf maintenance.

The City actively pursues relationships with local schools, looking for ways to collaborate with students and teachers on activities surrounding water conservation education. On occasions, the City has provided scholarships for teachers of the Olathe School District to attend Project WET (Water Education for Teachers) training. Educational videos were provided to the 3rd grade teachers of the Olathe School District to enhance their curriculum unit on drinking water and water conservation.

The City has established the following conservation practices and target dates for the Education Component of the Long-Term Water Use Efficiency Section of this Water Conservation Plan:

<table>
<thead>
<tr>
<th>Education Conservation Practices to be Taken</th>
<th>Target Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The City of Olathe hosts an annual water festival with Educational displays on water conservation. (Aqua Fest)</td>
<td>Initiated in Fall 2002</td>
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<tr>
<td>3. Leak and detection – Facilities Conservation Improvement Program</td>
<td>Initiated in 2009</td>
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<tr>
<td>4. The City of Olathe provides online bill information that shows usage in gallons as well as cubic feet.</td>
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</tbody>
</table>
Summary of Current and Future Management Efforts

The City of Olathe has water meters on all raw water supplies and water pumped to the distribution system. Any new supply will have an individual meter on each source of supply. The raw water flow meters are checked for accuracy every 2 years.

Raw water meter readings for Water Treatment Plant No. 2 and horizontal collector wells 1-4 are shown on the SCADA (supervisory control and data acquisition) on a daily basis. Vertical well meter readings are read once a month and service connections are read once a month.

Mag-meters that measure raw water flow for horizontal collector wells 1-4 and Water Treatment Plant No. 2 are tested for accuracy at a minimum of once every two years. Each meter has a tamper proof seal as required by the Division of Water Resources. The vertical well raw water meters are tested for accuracy every three years. Each meter is repaired or replaced if its test measurements are not within two percent of the actual volume of water passing through the meter. All raw water meters, which include the vertical wells (8), horizontal collector wells 1-4, and Water Treatment Plant No. 2, are repaired or replaced when malfunctions occur.

All residential/commercial customers have water meters installed. Customer meters are scheduled for an accuracy check and possible repair or replacement upon receiving a request to do so from the customer. The City of Olathe reads each residential customer’s water meter monthly and mails a monthly water bill to each customer.

The City’s water distribution system is divided into two pressure zones. The pressure zones have been established to provide adequate water pressure to customers throughout Olathe. Water pressure is monitored daily at each of the City’s treatment and pumping facilities. Water pressure at the customer’s premises is checked at the customer’s request.

The City’s water utility completes an annual water management audit to determine the amount of unaccounted for water. In 2008 unaccounted water was 12%. The goal is to reduce unaccounted water to single digits. Unaccounted for water includes non-metered use due to leakage from mains, unregistered customer meters, various uses such as City facilities, fire fighting, fire sprinkler system testing, main flushing, recreational activities and evaporation from the water treatment plant lime residual settling ponds. Leak correlation and detection crews systematically survey the distribution system. Water leaks from the City public water distribution systems are repaired when customers report leaks from the water mains or when leaks are located by City personnel. Leak detection crews survey distribution system hydrants and valves to ensure operational readiness and repair leaks as necessary.

The current water rates structure for the City was adopted in January 2009 (4 blocks to 3 blocks rate structure). Water sales are based on the actual amount of water used.
Residential water user rates are structured around an inverted (inclining) block rate schedule, wherein block rates increase with water consumption. This is based on the number of cubic feet of water used. Commercial and industrial customers are also charged on an inverted block rate structure, which is based on a percentage of their average winter usage. Water customers outside the City Limits are charged at rates 25% percent above those within the City. Block rates are reviewed and updated annually. In 2009, water rates were increased by five percent.

The City of Olathe has chosen the following conservation practices target dates for the Management component of the Long-Term Water Use Efficiency Section of our Water Conservation Plan:

<table>
<thead>
<tr>
<th>Management Conservation Practices</th>
<th>Target Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The City developed a program to incorporated water conserving design and management principles (i.e., xeriscaping) into the Unified Development Ordinance requirements for future development projects, including renovation of existing landscapes.</td>
<td>Initiated in Summer 2003</td>
</tr>
<tr>
<td>2. The City conducts audits on the water used to irrigate City Parks and facility grounds to review for opportunities to reduce outdoor water use.</td>
<td>Initiated in Summer 2003</td>
</tr>
<tr>
<td>3. The City engages in partnerships with local schools and other community organizations to review water use records and pursue opportunities to lower outdoor water usage.</td>
<td>Initiated in Summer 2003</td>
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<tr>
<td>5. The City of Olathe has installed meters at all residential and commercial services. A few city facilities currently do not have meters due to the complexity of the service connection(s); however it remains our goal to have meters installed as there are capital improvement projects at these locations.</td>
<td></td>
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<tr>
<td>6. In 2010, the city anticipates completion of the replacement of all water meters with new meters, including installation of a fixed network meter reading system. This will allow us to better track metered usage vs. production volumes on a daily or monthly basis. We currently budget for testing of 1-½ inch and larger meters per AWWA recommended testing frequencies.</td>
<td></td>
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<tr>
<td>7. The City of Olathe currently has a comprehensive leak management program, including a leak survey program, leak loggers in area prone to main breaks, and monthly monitoring of unmetered water trends. With the new fixed network meter reading system we will have hourly consumption data that can be tracked near real time.</td>
<td></td>
</tr>
</tbody>
</table>
8. The City of Olathe bases the water charges on monthly usage.

9. The City of Olathe currently has an increasing block rate structure designed to encourage wise use of our water resources. Residential blocks are based on typical residential needs, while commercial and industrial are based on the percentage of use over the customers winter water use.

Regulation

This document replaces the previously approved Water Conservation Plan. Because of the City’s ability to supply water during normal periods, regulatory controls on water use are included only in the Drought/Emergency Contingency section of this plan and Water Drought/Emergency Ordinance where they constitute the primary means for conserving water during a supply emergency. The City of Olathe has adopted the 2000 International Plumbing code that regulates their type of plumbing fixtures. The City reviews and considers adoption of the new releases of the Building and Plumbing Codes every three years.

Drought Response

The Kansas Water Office (KWO) and Water Assurance District (WAD) will monitor assurance storage capacities as directed in the operations agreements between the KWO and WAD. The KWO and WAD will coordinate efforts regarding the need to implement drought contingency plans included in each WAD member’s water conservation plan in order to conserve assurance storage capacity.

The City of Olathe addresses water shortage issues through the Drought Response Plan. The water shortage may be the result of a drought, unusual demand, or a system failure. A drought may deplete the available water supply or place stress on the City’s ability to deliver water and unanticipated demands could exceed plant treatment capacity. A system failure could occur that would threaten the City’s ability to deliver water to the entire service area. An ordinance establishing emergency regulations on restricting water use was adopted in June 1988, and was revised in May 2003, for the City to use in dealing with these issues. Based upon experience in the summer of 2003, additional revisions to the ordinance were made in April 2004 (Appendix A).

The Drought/Response Ordinance applies to all persons, customers, and property served by the City of Olathe. All entities that purchase water from the City of Olathe will be required to follow the same reductions in water use as the City of Olathe.

The City Manager is authorized by ordinance to implement the appropriate conservation measures. Any of the following conditions may be adjusted to reflect changes in the water system at the discretion of the City Manager.

Stage 1: WATER WATCH
Conditions indicate that the probability of a water shortage is rising and steps should be taken to inform customers and ask for voluntary reductions in water use. No serious threat to water supplies is imminent, but the City is watching the water supply situation.

**Triggers:**

A “**Water Watch**” is in effect when a combination of two or more of the following conditions occurs:

1. Daily water demand for 3 consecutive days is in excess of 90% of the available yield from all sources.
2. Daily water demand for 3 consecutive days is in excess of 90% of the treatment capacity of all treatment facilities.
3. Total system storage does not recover above 80% prior to 5 A.M.

**Goals:**

The goals of this stage are:
- To heighten public awareness of water conditions
- To ask for voluntary reduction in outdoor water use to avoid having to implement mandatory restrictions
- To maintain the integrity of the City’s water supply system to endure essential water needs, including life safety and fire suppression.

**Education Actions:**

1. The City will provide educational information to water customers about ways to conserve water using the following outlets: Direct mail, news releases, Olathe Link “Earth News”, Channel 7, and the City’s website.
2. The City will make weekly news releases to the local media describing present conditions and indicating the water supply outlook for the upcoming week, asking customers for voluntary water conservation measures.
3. The City will post “Water Watch” information on the City website and on Channel 7.

**Management Actions:**

1. System pressure will be maintained within normal operating pressure ranges.
2. The City will monitor its use of water and will reduce activities such as hydrant flushing and street cleaning.
3. The City will suspend or reduce outdoor watering of landscaping on medians and at City facilities to conserve water.
4. System water demand will be satisfied by the capacity of all treatment facilities.

**Regulation Actions:**
The City actively promotes water conservation year-round, particularly during the summer months, when outdoor water use for lawn and landscape watering accounts for as much as 70 percent of the water delivered to households. When conditions require a reduction in water demands to avoid implementing mandatory restrictions, customers will be urged to reduce outdoor water use. When it is first recognized that a water supply problem is developing, the following voluntary water conservation measures will be requested.

(a) Voluntarily implement an alternate day (odd/even) schedule for outdoor watering.
(b) Limit nonessential outdoor water use and implement wise outdoor watering.
(c) Water between 6 P.M. and 6 A.M.
(d) Limit, or eliminate, outdoor water use on weekends.
(e) Use a soaker hose to apply water efficiently to plants.
(f) Limit car washing at home or use a commercial carwash that recycles water.
(g) Avoid hosing down outside areas such as sidewalks, patios and driveways.

Requirements for Termination of WATER WATCH:

The “Water Watch” will be terminated when the triggering events have ceased to exist, but the City will continue to promote wise outdoor watering throughout the summer months.

When conditions are such that more stringent conservation measures are required, a “Water Warning” shall be declared and mandatory conservation measures will be required.

Stage 2: WATER WARNING

As the water supply problems become more severe, a “Water Warning” will be implemented. In a “Water Warning”, water shortage conditions are present and water supplies declining. Additional reductions in water use are encouraged, and mandatory restrictions are placed on outdoor water use. The City is able to meet demands as they exist, but lowering the demands will extend the City’s ability to meet future demands without significant disruption. The following requirements will be in effect throughout a “Water Warning”.

Triggers:

A “Water Warning” is in effect when any combination of two or more of the following conditions occurs.

1. Daily water demand for 3 consecutive days is in excess of 95% of the available yield from all sources.
2. Daily water demand for 3 consecutive days is in excess of 95% of the treatment capacity of all treatment facilities.
3. Total system storage does not recover above 70% prior to 5 A.M.
Goals:

The goals of this stage are:

- To reduce peak demands to manageable levels.
- To maintain the integrity of the City’s water supply system to endure essential water needs, including life safety and fire suppression.

Education Actions:

1. The City will make weekly news releases to the local media describing present conditions and the water supply outlook, and description of the water restrictions in effect.
2. The City Manager will make public announcements through the news media concerning the “Water Warning” and the water use restrictions in effect. The announcement will include a description of the restrictions.
3. The City will post “Water Warning” information on the City’s website and Channel 7.
4. Water conservation articles will be provided on the internet.

Management Actions:

1. System pressure will be reduced to 70 pounds per square inch (psi) in the northwest section of Olathe and 50 pounds per square inch in the southeast section of Olathe.
2. Review previous week summaries of precipitation, temperature, and water and storage levels.
3. Pumping rates of the vertical wells will be reduced to decrease drawdown and to maintain water levels over well screens.
4. The City will suspend outdoor watering with potable water, including operation of fountains, watering of City grounds and washing of vehicles.
5. System water demand will be satisfied by the treatment capacity of the water treatment facilities.
6. The City will seek additional water supply from Johnson County WaterOne.
7. Monitor and review target flows on the Kansas River with the Kansas River Water Assurance District.

Regulation Actions:

1. A mandatory odd/even lawn watering schedule (or equivalent demand reduction procedures) will be imposed on all water customers. Customers with odd-numbered addresses will water on odd-numbered calendar days, and even-numbered addresses will water on even-numbered calendar days. These restrictions shall not apply to any person, firm or corporation engaged in the business of growing or selling plants of any kind. Additional exceptions may be granted on a case-by-case basis.
2. Outdoor water use, including lawn watering and car washing, will be restricted to after 6:00 P.M. and before 6:00 A.M.
3. Golf courses will be restricted from watering with potable water.
4. Procedures that provide water demand reduction that is equivalent to odd/even watering schedules will be considered on a case-by-case basis.

Requirements for Termination of WATER WARNING:

The “Water Warning” shall terminate when the triggering events have ceased to exist for a period of fourteen (14) consecutive days, or when substantial changes in weather conditions occur, affecting water demands. Upon termination of a “Water Warning”, a “Water Watch” becomes operative.

When conditions are such that more stringent conservation measures are required, a “Water Emergency” shall be declared and mandatory conservation measures will be required.

Stage 3: WATER EMERGENCY

As the water supply problem continues to deteriorate, a “Water Emergency” will be implemented. In a “Water Emergency”, severe water shortage conditions are present and supplies are limited. Mandatory restrictions on outdoor water use are in place. System failure is a possibility if conditions do not improve or demands do not decline. The following restrictions will be in effect during a ”Water Emergency”:

Triggers:

A “Water Emergency” is in effect when any combination of two or more of the following conditions occurs:

1. Daily water demand for 2 consecutive days is in excess of 100% of the available yield from all sources.
2. Daily water demand for 2 days is in excess of 100% of the treatment capacity of all treatment facilities.
3. Total system storage does not recover above 60% prior to 5 A.M.

Goals:

The goals of this stage are:
- To reduce peak demands to manageable levels.
- To maintain the integrity of the City’s water supply system to ensure essential water needs, including life safety and fire suppression.

Education Actions:

1. The City will make daily news releases to the local media describing present conditions and the water supply outlook, and a description of the water restrictions in effect.
2. The City Manager will make public announcements through news media that “Water Emergency” water use restrictions are in effect. The announcements will include a description of the water restrictions in effect.

3. The City will post “Water Emergency” information on the City’s website and on Channel 7.

4. The City may hold public meeting to discuss the emergency, the status of the City water supply and further actions that need to be taken.

Management Actions:

1. System pressure will be maintained at 60 pounds per square inch (psi) in the northwest section of Olathe and 40 pounds per square inch (psi) in the southeast section of Olathe.

2. Review previous day summaries of precipitation, temperature, and water and storage levels.

3. Pumping rates of the vertical wells will be reduced to decrease drawdown and to maintain water levels over well screens.

4. Additional short-term supplies of raw water may be activated if available.

5. The City may seek additional emergency water supply from Johnson County WaterOne, other regional water suppliers, and the state or the federal government.

6. Request additional water releases from the Kansas River Water Assurance District.

Regulation Actions:

As the water supply problem continues to deteriorate, additional mandatory restrictions will be placed on essential uses. “Water Emergency” restrictions will be in effect whenever additional restrictions are necessary so that no water customers inside the City limits will be without water. The following restrictions will be in effect during a “Water Emergency”.

(a) Outdoor water use with potable water will be prohibited. This includes, but is not limited to, the following: Water used for outdoor watering, either public or private, for gardens, lawns, trees, shrubs, plants, park, golf courses, playing fields, swimming pools or other recreational areas; or the washing of motor vehicles, boats, trailers, or the exterior of any building or structure.

(b) Only non-potable water sources may be used to perform the outdoor watering.

Requirement for Termination of WATER EMERGENCY:

The “Water Emergency” shall be terminated when the triggering events have ceased to exist for a period of fourteen (14) consecutive days. Upon termination of a “Water Emergency”, a “Water Warning” becomes operative.

Plan Revision, Monitoring and Evaluation
The City of Olathe Municipal Water Conservation Plan will be reviewed during the month of April each year and on a more frequent basis during drought or other water shortage conditions. If the water conservation gpcd goals for the previous year are not met, then the City will review the data collected from the previous year in relationship to the status and effectiveness of the conservation practices that are outlined in its plan. The City will also provide a status report to the Division of Water Resources which will include any additional water conservation practices that may need to be taken in order for the City to achieve and maintain its water use conservation gpcd goal.