



Settled in 1850

Utah's Hometown in the Middle of Everything

Water Conservation Plan

2014



Water Conservation Plan

Kaysville City is a retail water provider supplying culinary water to a population of 28,683 through 7,534 residential and 498 commercial meters for a total of 8,032 connections over a service area of over 11 square miles. Through water saving measures, the annual per capita consumption of culinary water has decreased 29% percent from 40,529 gallons in 1998 to 29,593 gallons in 2013. It is our goal to decrease consumption by another 10 percent by 2023 through conservation measures.

Kaysville City is projecting build-out by 2025 with an estimated population of 42,000 needing 3,814 acre FT. By implementing conservation programs and practices we could reduce need to 3,433 acre FT or 26,634 gallons per capita consumption.

Recommendations for Water Saving Measures

- (A) Require the installation and use of water effective fixtures and appliances in compliance with Section 604 of the International Plumbing Code.
- (B) Provide pressure irrigation to the residential and commercial areas. Require the use of pressurized irrigation water on residential and commercial landscapes where provided instead of flood irrigation. Encourage commercial areas to conserve water and use water conservation landscaping techniques such as xeriscape, etc.

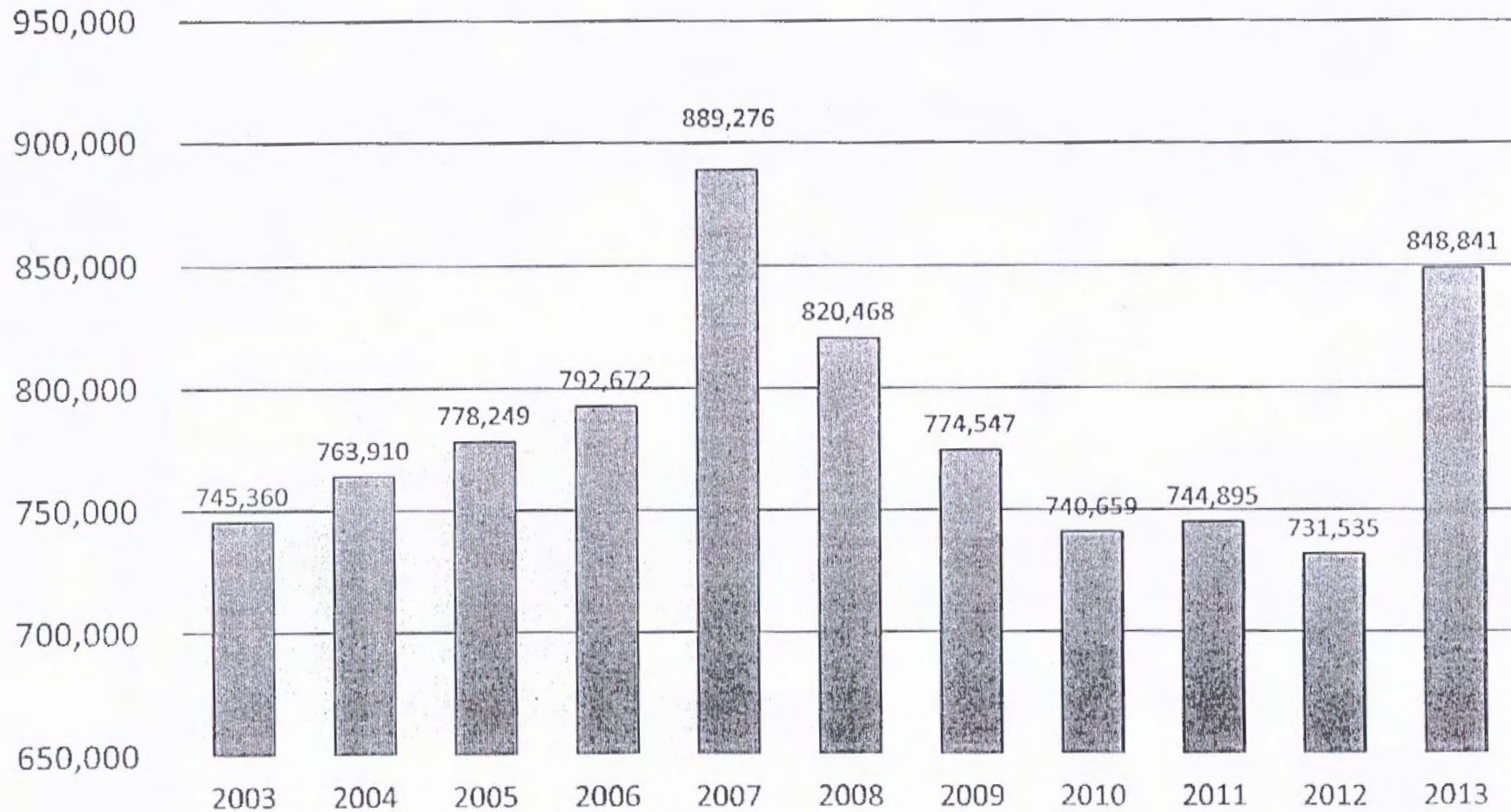
- (C) Identify commercial water users and encourage them to increase process efficiencies. Separately meter multiple user sites to identify uses that can be improved. Use less water in City processes, such as vehicle washing, work area clean up and product application.
- (D) Encourage the reuse of both potable and non-potable water by the food processor, sewage treatment plant and other users.
- (E) Detect distribution system leaks and make timely repairs. Upgrade system where and when possible.
- (F) Disseminate public information regarding more efficient use of water in the City Newsletter. Monitor water use and notify of possible leaks or excessive use.
- (G) Use flat and increasing block rate structures to encourage more efficient of water.
- (H) Require the installation of water efficient fixtures, require the provision and use of pressure water instead of flood irrigation, and change conservation rates through ordinances, codes and regulations.



| Year | Total Consumption (1,000 Gallons) | Population | Per Capita Consumption Gal/ Person |
|------|--------------------------------------|------------|---------------------------------------|
| 2003 | 745,360 | 21,915 | 34,011 |
| 2004 | 763,910 | 22,463 | 34,007 |
| 2005 | 778,249 | 23,193 | 33,555 |
| 2006 | 792,672 | 23,888 | 33,183 |
| 2007 | 889,276 | 24,604 | 36,144 |
| 2008 | 820,468 | 25,342 | 32,376 |
| 2009 | 774,547 | 26,411 | 29,324 |
| 2010 | 740,659 | 27,300 | 27,126 |
| 2011 | 744,895 | 27,710 | 26,878 |
| 2012 | 731,535 | 27,846 | 26,269 |
| 2013 | 848,841 | 28,683 | 29,590 |

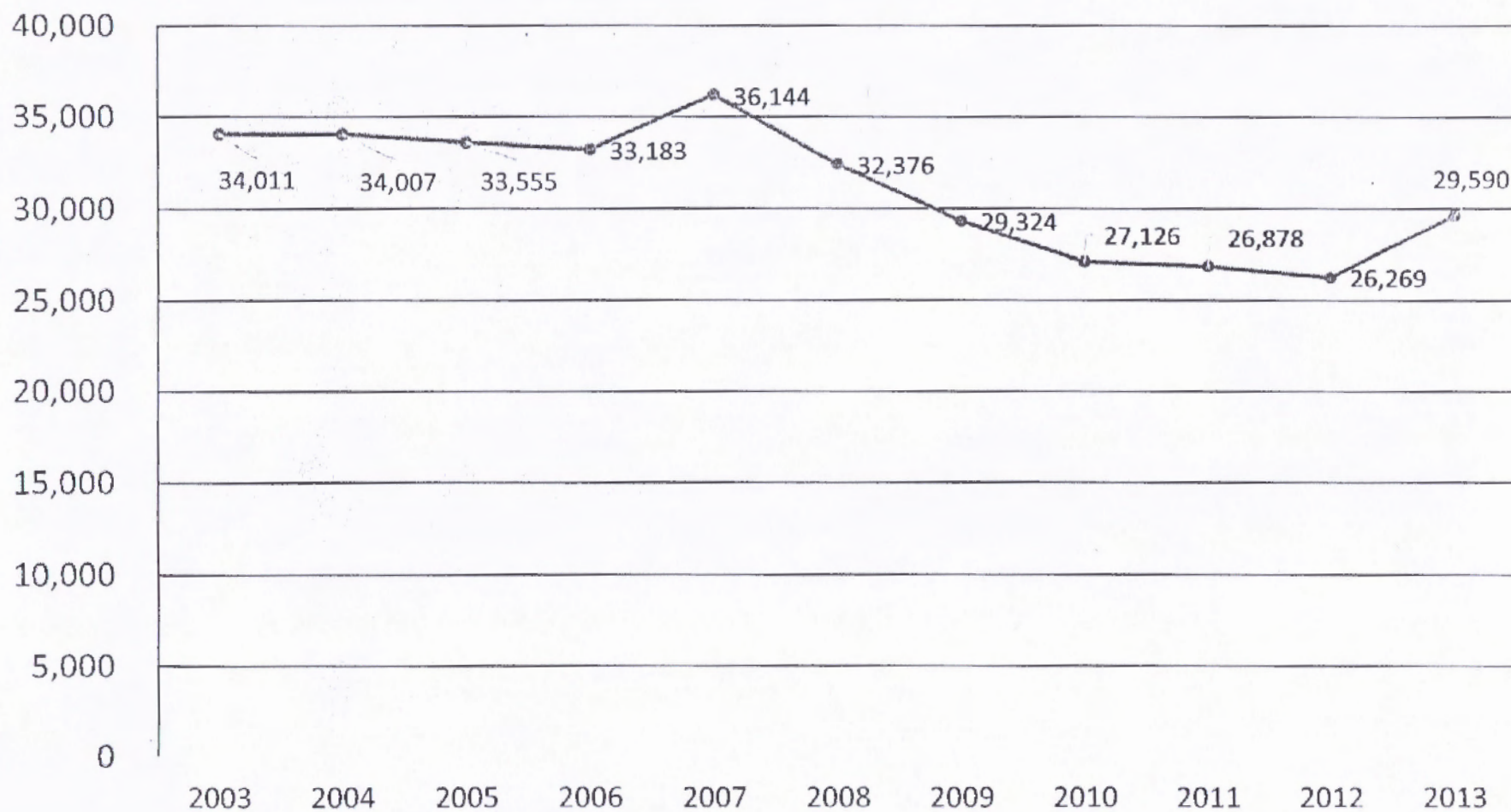


Total Consumption by Year (1,000 Gallons)





Per Capita Consumption Gal/ Person



RESOLUTION NO 09-8-1

A RESOLUTION AMENDING THE FISCAL YEAR 2010 CONSOLIDATED FEE
SCHEDULE

WHEREAS, The Kaysville City Council adopted a Fiscal year 2010 Consolidated Fee Schedule as part of the adoption of the Fiscal Year 2010 Budgets; and

WHEREAS, The Consolidated Fee Schedule included provisions in the charges for culinary water rates for a reduction allowance for users with low consumption; and

WHEREAS, the City computer system and software will currently not allow a reduction allowance; and

WHEREAS, the Kaysville City Council finds it necessary to amend the fee schedule to modify the adopted water rates for residential culinary water customers.

BE IT RESOLVED BY THE CITY COUNCIL OF KAYSVILLE CITY, UTAH:

1. The monthly service fees for culinary water shall be as follows:

Water (minimum monthly charge):

Size of Connection:

| | |
|-----------|----------|
| 3/4 - 1 | \$21.00 |
| 1 - 1 1/2 | \$28.00 |
| 2 | \$34.00 |
| 3 | \$49.50 |
| 4 | \$61.00 |
| 6 | \$97.00 |
| 8 | \$126.00 |
| 10 | \$146.00 |

Minimum monthly charge: \$21.00

\$2.00 per thousand gallons over 8,000 gallons/mo.

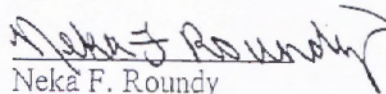
Conservation rate - areas served by pressurized irrigation -

April 15 to October 15: \$2.00 per thousand gallons over 8,000 gallons/mo.
\$4.00 per thousand gallons over 15,000 gallons/mo.
\$6.00 per thousand gallons over 30,000 gallons/mo.

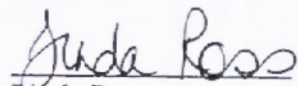
These changes are made part of the FY 2010 Consolidated Fee Schedule. The effective date of this resolution shall be July 1, 2009.

APPROVED AND ADOPTED this 4th day of August 2009




Neka F. Roundy
Mayor

ATTEST:


Linda Ross
City Recorder



Water Conservation Plan Adoption

The Water Conservation Plan was reviewed and adopted by the Kaysville City Council on December 2, 2014. The Plan will be reviewed and amended no less than every five years and will continue to play a vital role in the future development of Kaysville City.

Steve A. Hiatt
Mayor