

Delta City
76 N 200 W
Delta UT 84624-9440
435 864 2759
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www.delta.utah.gov



Certificate of Resolution Passage

STATE OF UTAH)
)
CITY OF DELTA) ss.

I, GREGORY JAY SCHAFER, as the duly appointed, sworn and acting Delta City Recorder, do hereby certify that the attached, numbered as City of Delta Resolution Number 14-380 was duly adopted by the necessary quorum of the Delta City Council on November 20, 2014.

IN WITNESS WHEREOF, I have hereunto subscribed my official signature and impressed hereon the corporate seal of said City.



GREGORY JAY SCHAFER, MMC
City Recorder





RESOLUTION NUMBER 14-380

A RESOLUTION OF THE COUNCIL OF THE CITY OF DELTA, STATE OF UTAH, ADOPTING A WATER CONSERVATION PLAN FOR THE CITY OF DELTA, UTAH.

The Council of the City of Delta, State of Utah, referred to in this resolution as the "City Council," hereby recites the following as the basis for adopting this resolution:

WHEREAS, The Utah State Legislature has determined that local and state governments should consider a policy to address the water shortages prevalent throughout the state and implement such policy to conserve water for present and future use;

WHEREAS, Section 73-10-32 Utah Code Annotated (1953), as amended, requires all retail water suppliers, which includes municipalities, to adopt a water conservation plan that contains ideas, suggestions or recommendations as to what can be done by the local government to help conserve water and limit or reduce its use in the state in terms of *per capita* consumption so that adequate supplies of water are available for future needs;

WHEREAS, Delta City currently operates a culinary water distribution system with greater than 500 service connections; and,

WHEREAS, The City Council understands the need to use water in a more efficient manner to allow for future sustained growth of the community;

WHEREAS, The City Council originally adopted a conservation plan pursuant to §73-10-32 Utah Code Annotated (1953), as amended on June 17, 2004. The plan was thereafter revised on January 21, 2010, and now has been amended and modified where necessary, updated and subjected to discussion during our City Council meeting this date having considered input by all parties present; and,

WHEREAS, after considering the proposed Delta City Water Conservation Plan, the City Council has determined to adopt said Delta City Water Conservation Plan as set forth in the attachment to this resolution.

NOW, THEREFORE, be it hereby RESOLVED by the Council of the City of Delta, State of Utah THAT:

1. Adoption of Water Conservation Plan. The Delta City Water Conservation Plan, attached hereto as Exhibit "A" and incorporated herein by reference, is hereby adopted as the official water conservation plan for the City of Delta, Utah.

2. Amendment to Water Conservation Plan. The Delta City Water Conservation Plan hereby adopted shall be updated no less than every five (5) years under that criteria set forth under Section 73-10-32 (2), Utah Code Annotated (1953), as amended, or any successor statute enacted in place thereof.

3. Effective Date. This resolution shall become effective upon adoption.

4. Severability. In the event that any provision of this resolution less than the entire resolution is held invalid by a court of competent jurisdiction, this resolution shall be deemed severable and such finding of invalidity shall not effect the remaining portions of this resolution.

5. Repeal of Conflicting Resolutions. To the extent that any ordinances, resolutions or policies of the City of Delta, Utah conflict with the provisions of this resolution, they are hereby amended to be in accordance with the provisions hereof.

PASSED AND ADOPTED this 20th day of November, 2014 by the following vote:

	Aye	Nay	Abstain	Absent
Robert W. Banks	<u>X</u>	_____	_____	_____
Kiley J. Chase	_____	_____	_____	<u>X</u>
John W. Niles	<u>X</u>	_____	_____	_____
Steven R. Pratt	<u>X</u>	_____	_____	_____
Betty J. Western	<u>X</u>	_____	_____	_____



Gayle K. Bunker
 GAYLE K. BUNKER
 MAYOR

Gregory Jay Schaffer
 GREGORY JAY SCHAFER, MMC
 CITY RECORDER



Water Conservation Plan

December 2014



Delta City
76 N 200 W
Delta, UT 84624
435-864-2759
www.delta.utah.gov

“ EXHIBIT A ”

INTRODUCTION

Water availability is always a concern for Delta City. There is ongoing concern about drought and the ripple effects it will have from year to year. Conservation is an ongoing practice for the majority of system users.

Delta is a small farming community that covers approximately three square miles of area with 60 percent dedicated to residential and the remaining used for schools, business, and recreation. Delta is the central hub for the West Millard area. Calculating our GPCD would not be very accurate where our population numbers almost double with a student population of between 2,600-2,800 daily during school days and area residents coming into town for employment.

POPULATION: 3436

CONNECTIONS & DELIVERIES:

Residential	1094
Commercial	123
Industrial	0
Institutional	56
Stock Watering	7

CURRENT WATER SUPPLY/SOURCE

Delta's water system presently has three deep wells, four storage tanks with 3,800,000 gallons capacity. Well information is as follows:

Well	Location	Water Right
Gardner Well (16")	Lat: 39.345453 Long: 112.538817 17 17S 6W SL	68-531, 68-2613, 682562, 68-2532, 68-2583
Ridgetop Well (16")	Lat: 39.388304 Long: 112.513621 12 17S 7W SL	68-724, 68-396, 68-1106, 68-1107, 68- 2613, 68-531, 68-2562, 68- 2532, 68-2583
Sugar Factory Well (12")	Lat: 39.364246 Long: 112.57431 06 17S 6W SL	68-2613, 68-531, 68-2562, 68-2532, 68-2583
Airport Well	34 16S 6W SLBM	68-123

The Airport Well is owned and maintained by the City for operations of the airport. The well is a publicly owned, non-community water system servicing only one user. It is identified by the State Board of Health as System #14027. This well is sampled and tested as a separate system. Water usage is minimal for restroom facilities only. The water is metered.

Secondary Irrigation. Delta City maintains a ditch irrigation system which serves approximately 2.03% of the water customers. The irrigation system is part of Delta Canal Company.

PROJECTS NEEDED THROUGH 2050

- Upgrade 4" mains.
- Loop System
- Extend mains to meet growth demands

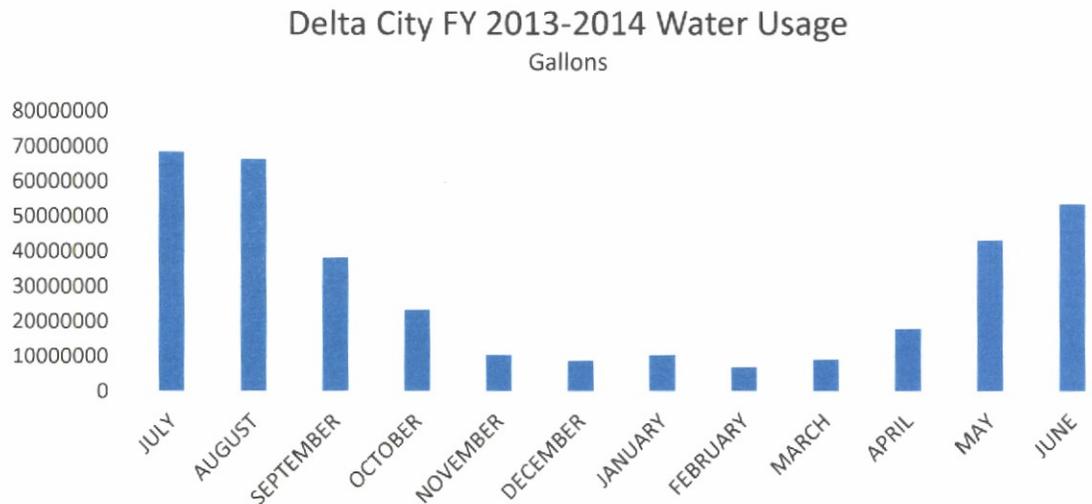
PER CAPITA WATER USAGE

We have tracked total water usage with a downward trend apparent for the past six years. However, wet and dry years cause a major change to our system usage.

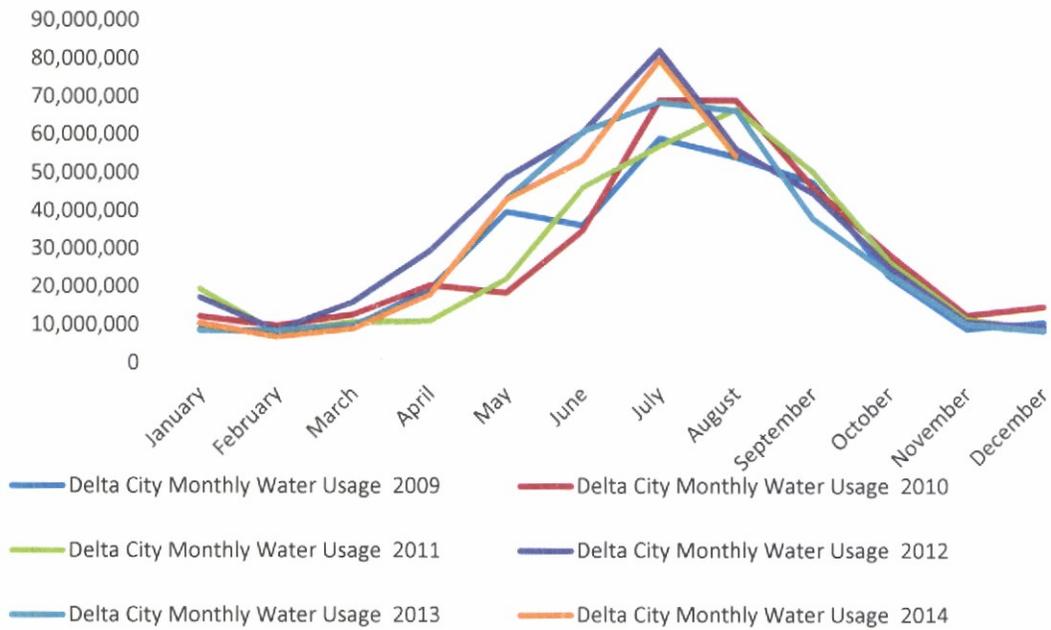
Outside watering comprises a major portion of our water usage. Delta City has 10.5 acres of irrigated parks, Millard County Recreation has 16.5 acres of irrigated parks, with Millard School District using 20 acres for playgrounds and athletic fields.

We pump an average of 300,000 gallons per day in the winter time up to 3,000,000 gallons during the peak summer days due to outside usage.

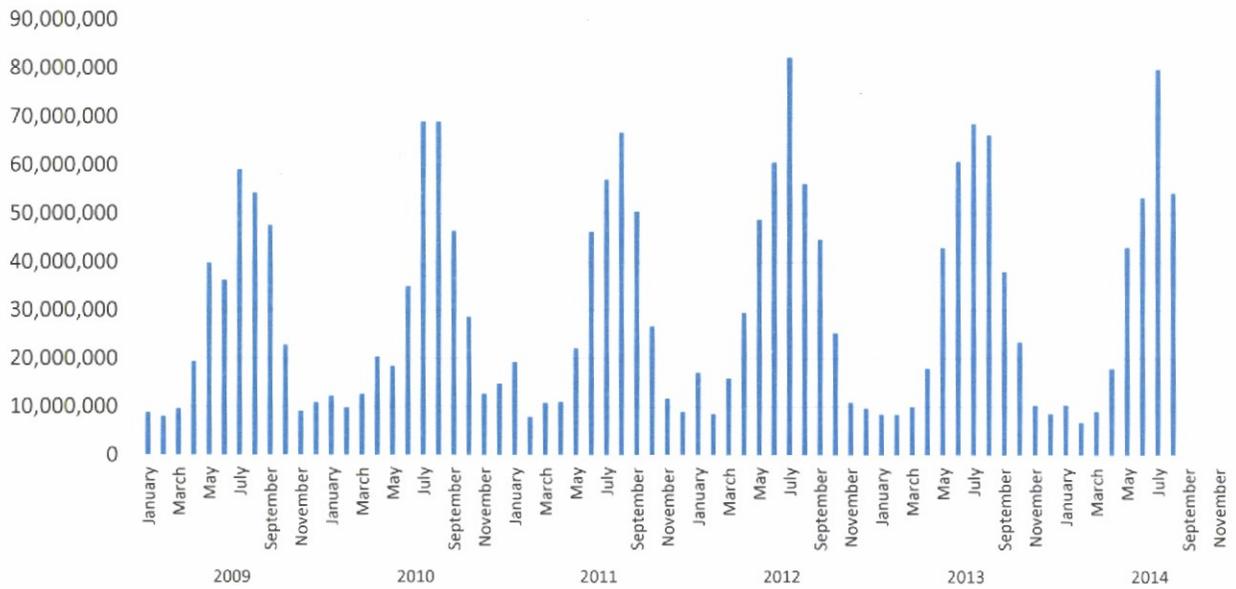
With the addition of our new well and two-million gallon storage tank, we feel that we can handle demand needs for at least the next 15-20 years.



Delta City 2009-2014 Water Usage Comparison



Delta City 2009-2014 Water Usage Comparison



CONSERVATION GOALS

Delta city is operating a fixed base radio read meter system for all of our users. We are able to monitor on a daily basis and are able to spot possible leaks or excessive usage and advise a customer of possible problems before they become expensive. In tracking our water usage, we have placed greater emphasis on meter accuracy, changing meters that are questionable and looking for problems.

METERING SITUATION AND REPLACEMENT SCHEDULE

The metering system while accurate, the reporting system is outdated and is scheduled to be phased out with a new system. Process for acquiring a new system is in the beginning stages.

PRICING AND RATE STRUCTURE

Base rate: \$25.00 per month for up to 4,000 gallons.

Overage: \$0.60 per thousand gallons per month for the next 11,000 gallons

\$0.70 per thousand gallons per month for the next 55,000 gallons

\$0.80 per thousand gallons per month for each 1,000 gallons over 70,000

Water rates outside the city limits are double the rates inside the city.

This rate schedule went into effect August 17th, 2006.

WATER CONSERVATION ORDINANCES & CONSERVATION MEASURES

The City has looked very closely at enacting stiffer charges to higher users, but is reluctant to do so. Delta City residents on a whole are conservative water users. With Delta City, Millard County, and Millard School District being the biggest users during the summer months, taxes would probably have to be raised to pay the higher water rates.

PUBLIC EDUCATION PROGRAMS

Delta City has been using public education to inform the public for well over a decade. It is felt that through this education and the fact that our residents in general are water conscious, our usage has dropped steadily over that time, even with a slight increase in population.

REVENUE AND EXPENDITURES

Revenue from water service to customers for the fiscal year ending June 30, 2014, was \$624,805.11; connection fees were \$21463.00.

Delta City funds a depreciation expense which is put in reserve for future improvements or replacement of aging system components.

CONDITION OF SYSTEM

Generally, the physical condition of our water system is adequate for at least 20 more years. Fire protection is good. All of the distribution system maintains a minimum of 25 psi under peak and fire flow conditions. The distribution system is in excellent shape. We have very few leaks.

WATER CONSERVATION COORDINATOR

The public works director has been designated as the Water Conservation Coordinator.

WATER CONSERVATION PLAN ADOPTION

The water conservation was approved by the Delta City Council on November 20, 2014.