

CLINTON CITY NEWSLETTER



JUNE



2010



Pro's and Con's of

"Tankless/On Demand Water Heaters"

By Steve Hamblin, Clinton Building Official

Recently the city has seen an increase in the popularity of "Tankless" or "On Demand" water heaters. This is the type of water heater that usually mounts directly to the wall and does not have an actual "holding tank" such as those in most American homes. Although there are a number of different brands available which have been both listed and tested by recognized laboratories in the U.S., there are specific installation standards which must be addressed at the time of installation. The major concern for these types of heating systems is the fuel supply. The BTU's for these systems are much higher than that for a conventional water heater requiring a licensed mechanical contractor to increase what would typically be a 4 oz. system to the home, to a 2 lb. set. This modification to the fuel supply system requires a building permit as well as special approval from Questar Gas and should be considered by the homeowner prior to purchasing the system.

Pros for Tankless:

Saves energy. The unit only operates when there is a demand for hot water, which can reduce its energy cost by about 25% annually.

Highly efficient. The most efficient storage tank has an energy factor of about .67, but, according to Energy Star, some tankless units have energy factors as high as .95. **Reliable.** If a unit is sized properly, a gas tankless heater can deliver a continuous supply of water at a preset temperature (plus or minus one degree) at a rate of typically 2 to 5 gallons per minute. The units never run out of hot water, though the flow rate may be inadequate during times of peak demand. **Compact size.** The typical tankless heater is about the size of a small suitcase, which takes up significantly less space than a conventional tank. **Durable.** It has a life expectancy of 20 years or more.

Cons for Tankless:

Tankless units cost about twice as much as traditional storage tanks. A typical tankless unit may cost about \$700 and can easily top \$1,500. **Installation is expensive.** In addition to the high product cost, installation for the unit and the necessary piping can be pricey. They also need very good venting, which is also expensive. **Retrofit is pricey and complicated.** Unlike a traditional tank, retrofitting a home with a tankless unit is difficult and expensive. "In new construction, the labor time required to install a tankless water [heater] is about the same as a tank water heater". However, the equation changes in a remodeling situation. The process is complicated, and the installed costs to replace a tank water heater with a tankless unit can be as high as \$3,000.

Remember, installation or replacement of any type of water heater, furnace or A/C requires a building permit as well as any modification to your homes plumbing, mechanical or electrical systems. Once again, the building inspectors goal is not to "catch you" making a mistake, but to provide a second set of eyes to ensure that the work done is both safe and code compliant. Obtaining a permit also protects the homeowner when having to make an insurance claim regarding any modification/remodel to their home. By not obtaining a building permit, you may very well provide your insurance company with the justification they need to deny a claim on damage to that portion of your home completed without a building permit. As always, if you need the help of a contractor with your home project, make sure they are licensed with the State of Utah and that they have obtained a permit.

West Davis Corridor EIS Study

The West Davis Corridor Environmental Impact Statement moves into a new phase in June – Alternatives Development!

In May, The draft "Purpose and Need" chapter was released for public comment through June 7. The chapter and a summary are available for download at www.udot.utah.gov/westdavis.

At the next public open houses, we will invite the public to help develop alternatives that meet the Purpose and Need. These "Alternatives Workshops" will be held in July. Meeting times and locations will be published on our website in June.

Stay informed about upcoming events by signing up for our monthly e-mail updates! Please contact us at westdavis@utah.gov or 877-298-1991.



Clinton City Community Emergency Response Team

The Clinton City **CERT** Council is now recruiting volunteers!

Prepare yourself and your community for potential emergencies & disasters. Be better prepared to support emergency professionals when they are overwhelmed.

If you have previous CERT training or would like to participate in future training opportunities, please join your local CERT volunteers!

If interested, please contact your local CERT office: 801-614-0854 or email cvalentine@clintoncity.com.

Clinton City welcomes the public at our regular City Council Meetings. If you would like to be added to the City Council Agenda e-mail list please send a request via e-mail to noticerequest@clintoncity.com or view the agenda online at www.clintoncity.net.

COMMUNITY ENHANCEMENT PROGRAM Clinton Recreation Building 1651 W 2300 N

June 10, 2010

Grilling Tips & Ideas for Your Barbecue
Samples will be available

SAT. JULY 17, 2010 10:00 AM – 1:00 PM

In conjunction with **Heritage Days Celebration** we will have our **3rd annual Quilt, Craft & Photography Show** at the Clinton Recreation Building 1651 W 2300 N. Come and see the beautiful work of our own Clinton neighbors.

If you would like to display your handiwork, or have questions or suggestions regarding the Community Enhancement program, please contact: Suzanne Pearson at 801-776-3558

NO CLASS IN AUGUST

The Community Enhancement Program has an opening on their Board. Please contact Cheri Reed at 801-725-7524 for more info.

CLINTON CITY RECREATION DEPARTMENT

~~~ Upcoming Events ~~~

### SUMMER RECREATION PROGRAMS – LAST CHANCE TO SIGN UP!!

Most of our summer programs begin the week of June 7<sup>th</sup>. This is your last chance to sign up. Space is limited and some programs may be full. Please call 801-614-0780 for more information on our summer programs including:

**ROOKIE LEAGUE** – T-ball readiness program

**KIDS IN THE PARK** – Summer- long activity program for kids ages 5 - 12 years old

**DANCE LESSONS** – Taught in conjunction with Head Over Heels Tumbling & Dance

**TUMBLING LESSONS** – Taught in conjunction with Head Over Heels Tumbling & Dance

**SWIMMING** – Lessons are taught at the Clearfield Aquatic Center on Friday mornings

**TENNIS** – Taught by instructors at the new City Park

**GOLF LESSONS** – Taught at Schneiters Bluff Golf Course

**BOWLING CAMP** – Offered in conjunction with Sparetime Family Center in Roy.

**TAEKWANDO CLASS** – Martial Arts Class taught in conjunction with Kim's Academy. Classes will be taught at the City Park

**SUMMER THEATRE CAMP** – Sponsored by the Community Arts Board this class will introduce participants to the theater.

### FOOTBALL SIGN-UPS GOING ON NOW!!!

Little league football registrations run June 1<sup>st</sup> - July 9<sup>th</sup> and cost is \$95.

### FALL SOCCER

Registration for fall soccer leagues will run July 1 - July 30. Soccer is for Pre-K children (must be attending kindergarten in fall 2011) thru 6<sup>th</sup> grade (children attending 6<sup>th</sup> grade in fall 2011). Cost is \$45 and practice begins the 2<sup>nd</sup> week of August.

### CLUB 55 – Breakfast in the Park

Our Club 55 program is for all residents 55 years and older. Join us on **Wednesday, June 16<sup>th</sup> for Breakfast in the Park at 9:00 a.m.** at the Civic Center City Park under the Bowery.

Davis County has a new voter information website go to [www.DavisVotes.com](http://www.DavisVotes.com)



Crane Field Golf Course will have its Grand Opening & Ribbon Cutting SATURDAY JUNE 12, starting at 8:00 a.m. with a 4-Man Nine Hole Shotgun Scramble. All Clinton City residents are invited; there will be various events for the entire family. The location is the golf course parking area is 3648 W 2650 N, Clinton City. Go to [www.CraneFieldGolf.com](http://www.CraneFieldGolf.com) to enter your team and for the entire schedule.

## Mark Your Calendars

July 13<sup>th</sup> - 17<sup>th</sup>

## ANNUAL HERITAGE DAYS CELEBRATION

Our annual Heritage Days Celebration is fast approaching and we are very excited about the many traditional and new events we will be hosting this year. New activities include an Art Exhibit & Silent Auction as well as the Movie in the Park, Chalk Art Festival, Youth & Novice Golf Tournament, & 3 on 3 Soccer Tournament, that we added last year. You should be receiving a brochure in the mail the first part of July and if you are interested in volunteering for any of our activities please call the Recreation Department at 801-614-0780.

### Heritage Days 2010

*TENTATIVE*

### Schedule of Events

#### Tuesday, July 13th

\*Fish Derby Clinton Pond

#### Wednesday, July 14th

\*Youth/Novice Golf Tourney Schneiters Bluff  
\*Carnival Opens City Park (East Football Field)  
\*Movie in the Park City Park (Clock Tower)

#### Thursday, July 15th

\*Carnival Open City Park (East Football Field)  
\*Dutch Oven Dinner City Park (Bowery)  
\*Car Show City Park (Clock Tower)  
\*Entertainment City Park (Bowery)  
\*Little Texas Concert City Park (Softball Complex)

#### Friday, July 16th

\*Golf Tournament Schneiters Bluff  
\*Chalk Art Festival City Park (Under the Boweries)  
\*Art Exhibit & Silent Auction City Park (Fire Station)  
\*Carnival Open City Park (East Football Field)  
\*Vendor Booths Open City Park (West Football Field)  
\*3 on 3 Basketball Tournament City Park (Tennis Courts)  
\*3 on 3 Soccer Tournament City Park (Softball Fields)  
\*Entertainment City Park (West Football Field)

#### Saturday, July 17th

\*5K Fun Run City Park  
\*Breakfast in the Park City Park (West Football Field)  
\*Parade (*New Route Clinton Town Square to City Park*)  
\*Vendor Booths City Park (West Football Field)  
\*Carnival Open City Park (East Football Field)  
\*Art Auction & Silent Auction City Park (Fire Station)  
\*Entertainment City Park (West Football Field)  
\*Chalk Art Festival Continues City Park (Under the Boweries)  
\*Quilt, Craft & Photography Show City Park (Rec Admin Bldg)  
\*3 V 3 Soccer Continues City Park (Softball Fields)  
\*3 on 3 Basketball Continues City Park (Tennis Courts)  
\*Concert in the Park City Park (West Football Field)  
\*Fireworks City Park

The Miss Davis County Scholarship Pageant is seeking contestants between the ages of 17-24 - August 14th at Davis High. Contact Natalie Murray at 801-510-0577 or visit their website at [www.missdaviscounty.blogspot.com](http://www.missdaviscounty.blogspot.com).

**2009 Water Quality Report  
Clinton City**

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of the water, the services we deliver every day and what it means to you, our customer. Our prime goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water system and protect our water resources. We are committed to ensuring the quality of your water.

*Where does my water come from?*

The majority of our water is supplied by the Weber River and several creeks along the Wasatch Front. Deep well water is used to supplement the surface water resources, if necessary. This water is treated by and purchased from the Weber Basin Water Conservancy District.

*Monitoring*

Clinton City's drinking water is routinely monitored for components in accordance with Federal and Utah State laws. The following table shows the results of monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2009. The following definitions will help you understand the terms and abbreviations.

**Non-Detects (ND)** - laboratory analysis indicates that the constituent is not present.

**Range: Low to high** - For water systems that have multiple sources of water, the Utah Division of Drinking Water has given water systems the option of listing the test results of the constituents in one table, instead of multiple tables. To accomplish this, the lowest and highest values detected in the multiple sources are recorded in the same space in the report table.

**Parts per million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter (ug/l)** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

**Picocuries per liter (pCi/L)** - picocuries per liter is a measure of the radioactivity in water.

**Nephelometric Turbidity Unit (NTU)** - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**Maximum Contaminant Level (MCL)** - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water.

**Maximum Contaminant Level Goal (MCLG)** - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

| <b>WEBER BASIN CENTRAL TEST RESULTS</b>                                       |                  |                         |                     |      |     |         |                                                          |
|-------------------------------------------------------------------------------|------------------|-------------------------|---------------------|------|-----|---------|----------------------------------------------------------|
| Contaminant                                                                   | Violation<br>Y/N | Range<br>Low to<br>High | Unit<br>Measurement | MCLG | MCL | Average | Likely Source of<br>Contamination                        |
| <b>Regulated Microbiological Contaminants</b>                                 |                  |                         |                     |      |     |         |                                                          |
| 2. Turbidity                                                                  | N                | 0.3-0.22                | NTU                 |      | 0.3 | 0.04    | Soil runoff                                              |
| <b>Regulated Radioactive Contaminants</b><br>Data collected from 2004 to 2008 |                  |                         |                     |      |     |         |                                                          |
| Gross Alpha Particles                                                         | N                | 0.8-3.6                 | pCi/L               | 0    | 15  | 2.7     | Erosion of natural deposits                              |
| Combined Radium                                                               |                  | .6-1.0                  | pCi/L               | 0    | 5   | 0.7     | Erosion of natural deposits                              |
| <b>Regulated Inorganic Contaminants</b><br>Data collected from 2004 to 2008   |                  |                         |                     |      |     |         |                                                          |
| Antimony                                                                      | N                | 0.6-0.6                 | Ppb                 | 6    | 6   | 0.6     | Discharge from petroleum refineries; fire retardants     |
| Arsenic                                                                       | N                | ND-0.6                  | Ppb                 | NA   | 10  | 0.3     | Erosion of natural deposits, runoff from orchards.       |
| Barium                                                                        | N                | 0.08-0.1                | ppm                 | 2    | 2   | 0.08    | Erosion of natural deposits; Discharge of drilling waste |
| Fluoride                                                                      | N                | 0.5-1.2                 | ppm                 | 4    | 4   | 0.8     | Fluoridated water in distribution system                 |
| Nitrate                                                                       | N                | 0.1-1.4                 | ppm                 | 10   | 10  | 0.5     | Runoff from fertilizer use; erosion of natural deposits  |

|                                                                        |   |           |     |     |      |      |                                            |
|------------------------------------------------------------------------|---|-----------|-----|-----|------|------|--------------------------------------------|
| Selenium                                                               | N | 0.6-0.6   | Ppb | 50  | 50   | .06  | Erosion of natural deposits.               |
| Sodium                                                                 | N | 38.6-38.6 | ppm | NA  | NA   | 38.6 | Erosion of natural deposits                |
| Sulfate                                                                | N | 43-48     | ppm | NA  | 1000 | 45.5 | Erosion of natural deposits                |
| Thallium                                                               | N | 0.8-1.0   | ppb | 0.5 | 2    | 0.9  | Leaching from ore-processing sites         |
| Total Dissolved Solids                                                 | N | 384-416   | ppm | NA  | 2000 | 400  | Erosion of natural deposits                |
| <b><u>Regulated Organic Contaminants</u></b><br>Data collected in 2008 |   |           |     |     |      |      |                                            |
| Total Trihalomethanes                                                  | N | 3.6-57.7  | Ppb | NA  | 80   | 13.6 | By-product of drinking water chlorination. |
| Haloacetic Acids                                                       | N | 0-68.5    | Ppb | NA  | 60   | 11.2 | By-product of drinking water chlorination. |

Arsenic, Lead, Nitrate, Radon and Cryptosporidium are regulated more closely. Notice of *any* detection is required. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Clinton City is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

*What does this mean?*

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL for a lifetime to have a one-in-a-million chance of having the described health effect.

*Why are there contaminants in the water?*

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are man made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

*Should special precautions be taken?*

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be

particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

*Source Protection*

Clinton City has a Drinking Water Source Protection Plan that is available for review to our customers at our public works office. It provides more information on potential sources of contamination and our source protection areas.

*Violations*

We are required to monitor your drinking water for specific contaminants on a regular basis. One violation occurred in July, Thirty four samples were tested for bacterial contamination. Of these, three showed the presence of coliform bacteria. This exceeded the Rule R309-103-2.6.a.1 which states that no more than one sample per month may be total coliform-positive. Public notices were issued and the situation was rectified.

We want our valued customers to be informed about their water utility. If you have any questions about this report or concerns about your water utility, please contact John Wyan at 801-614-0870, or attend our city council meetings. Meetings are held on the second and fourth Tuesday of every month at 7:00 p.m. at the main city building located at 2267 N 1500 W. The city's website is also available at [www.clintoncity.net](http://www.clintoncity.net)

We at Clinton City work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.