

CITY OF SHELBY

MARCH 2014 NEWSLETTER

Dear Shelby Residents,

Come on spring!! We hope you have made it through winter safe and sound. We look forward to spring and the completion of the CHS, Inc. fertilizer facility and continued work on the Multimodal facility for the Port Authority. This newsletter contains our annual water report for the City of Shelby water system and some interesting tree information. We would love to send you this newsletter by email so email us at sarah@shelbymt.com and we will email future newsletters to you. Our spring cleanup will be April 29th through May 9th so please do your part in helping Shelby to shine!

Sincerely,



Larry J. Bonderud
Mayor

Special points of interest:

- Water Report
- DUI Costs
- Arbor Day
- Tree Populations
- Safe Routes to School
- ACH & E-Mail Bills



If you would like to receive the City of Shelby newsletter in electronic format please email sarah@shelbymt.com.



Spring Clean Up April 29th - May 9th

Please call the City Shop at 434-5564 between April 29th & May 9th to have your items placed on the pick-up list. All items will be picked up the week of May 12th-16th. Items not eligible for pick up are **tires, refrigerators, freezers and air conditioners**. Any items you are wanting to be picked up must be placed in the **ALLEY**.



Citations are now being issued for all delinquent dog licenses. They became delinquent as of **January 31st**.

CONSUMER CONFIDENCE REPORT - OUR WATER

A WATER QUALITY REPORT FOR THE WATER USERS OF CITY OF SHELBY WATER DEPARTMENT

DATE REPORT WAS COMPLETED: **JANUARY 3, 2014**

In compliance with the 1996 Safe Drinking Water Act Amendments City of Shelby Water Department is providing our water users with this report on the quality of our drinking water. This report presents data compiled during the past twelve months from **January 1, 2013 to December 31, 2013.**

TERMS AND DEFINITIONS

AL	= Action Level, the concentration of a contaminant which triggers treatment or other requirement which a water system must follow
MCL	= Maximum Contaminant Level, the highest allowable amount of a contaminant that is allowed in drinking water
MCLG	= Maximum Contaminant Level Goal, the level of a contaminant in drinking water below which there is no known or expected risk to health
ppm	= parts per million, or milligrams per liter (mg/l)
ppb	= parts per billion, or micrograms per liter (µg/l)
TT	= Treatment Technique
Variances & Exemptions	= Permission granted by the State not to meet an MCL or treatment technique under certain conditions
Treatment Technique	= A required process intended to reduce the level of a contaminant in drinking water

YOU SHOULD KNOW

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 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 risk of infection by Cryptosporidium and other microbial contaminants are available from the **Safe Drinking Water Hotline (1-800-426-4791)**.

DID YOU KNOW?

Contaminants that may be present in source water include:

- A. Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- B. Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- C. Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- D. Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- E. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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 EPA's **Safe Drinking Water Hotline (1-800-426-4791)**.

OUR WATER SOURCE

Our water comes from 12 groundwater wells located 7 miles south of the City of Shelby, Montana, in Township 31 North, Range 2 West, Section 21: S1/2SW1/4, SW1/4SE1/4. It is pumped to the 4 city water tanks through one 16" water line.

TREATMENT

Our system is presently required to treat its water with UV.

SOURCE WATER ASSESSMENT

A Source Water Assessment will be performed by the State to determine our water system's susceptibility to contaminants. When the assessment is completed and becomes available, we will make it available to our users. The State will also make available a brief summary of the susceptibility of the system.

BACTERIAL MONITORING

Bacteriological monitoring is performed monthly to test for the presence of coliform bacteria, fecal coliform and E. coli. Our system is required to collect 3 samples per month. No bacteriological contamination has been found in the period covered by this report.

LEAD & COPPER MONITORING

Date Last Sampled for Lead: August 11, 2011

90th Percentile for Lead: less than 1 ppb (action level=15 ppb)

Number of Sites Exceeding Lead Action Level: 0

Date Last Sampled for Copper: August 11, 2011

90th Percentile for Copper: .26 MG/L (action level=1.3 MG/L)

Number of Sites Exceeding Copper Action Level: 0

CHEMICAL MONITORING

Note to our water users: The state requires us to monitor for certain contaminants less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of our data, such as for organic contaminants, though representative, is more than one year old.

VOCS (VOLATILE ORGANIC CHEMICALS) - 19 REGULATED, 7 UNREGULATED

Our sampling detected the presence of: **No detects**

Required Sampling Frequency: **Once every 3 years.**

Date Last Sampled: **August 27, 2012**

SOCS (SYNTHETIC ORGANIC CHEMICALS) - 27 REGULATED, 10 UNREGULATED

Our sampling detected the presence of: **No detects**

Required Sampling Frequency: **Once every 9 years.**

Date Last Sampled: **July 16, 2012**

IDCS (INORGANIC CHEMICALS)

See Table E - Detected Regulated Inorganic Chemicals.

See Table F - Detected Unregulated Inorganic Chemicals.

Required Sampling Frequency: **Once every 9 years.**

Date Last Sampled: **July 23, 2013**

RADIONUCLIDES

Our sampling detected the presence of: **No detects**

Required Sampling Frequency: **Once every 9 years.**

Date Last Sampled: **August 3, 2009**

TABLE E – DETECTED REGULATED IOC'S (Inorganic Chemicals)

Detected Contaminant	Sample Date	Lowest Detected Level	Highest Detected Level	MCL	MCLG	Average	Violation (Yes or No)	Period of Violation
Fluoride	7/26/13	.2 MG/L	.2 MG/L	2 ppm	2 ppm	.2 MG/L	No	N/A
Nitrate as N	7/23/13	.02 MG/L	.02 MG/L	9 ppm	9 ppm	.5 MG/L	No	N/A

TABLE F – DETECTED UNREGULATED IOC'S (Inorganic Chemicals)

Detected Contaminant	Sample Date	Highest Detected Level	Lowest Detected Level	Average	Significance of Results
Alkalinity	2/17/99	238 MG/L	238 MG/L	238 MG/L	No known health risk, and not due to be regulated.
Calcium	7/7/08	152 MG/L	152 MG/L	152 MG/L	“
Magnesium	7/7/08	28 MG/L	28 MG/L	28 MG/L	“
Hardness	7/7/08	498 MG/L	498 MG/L	498 MG/L	“
PH	2/17/99	7.5 Units	7.5 Units	7.5 Units	“
Conductivity	2/17/99	729 UMHOS	729 UMHOS	729 UMHOS	“
Sodium	2/17/99	16 MG/L	16 MG/L	16 MG/L	“
Chloride	2/17/99	1 MG/L	1 MG/L	1 MG/L	“
Iron	2/17/99	<0.03 MG/L	<0.03 MG/L	<0.03 MG/L	“
Manganese	2/17/99	<0.01 MG/L	<0.01 MG/L	<0.01 MG/L	“
Sulfate	10/24/96	180	180	180	Proposed to be regulated.

These unregulated IOCs generally pose no health risk and are indicators of the quality of the water.

Additional Information

If you would like additional information regarding our water system, feel free to contact:

Loren Skartved, Public Works Director

50 City Shop Road

Shelby, MT 59474

406-434-5564

The Shelby City Council meets on the first and third Mondays of each month at 7:30 p.m. at

City Hall - 112 1st Street South - Shelby, MT

Public meetings are held occasionally to address water and sewer issues throughout the year.

WATCH THE SHELBY PROMOTER FOR MORE INFORMATION.

Do you know what a DUI will cost you?

MDT's State Traffic Highway Safety Section recently developed information about the true costs of being charged with driving under the influence (DUI). Montana laws state it is illegal to operate a motor vehicle with blood or breathe alcohol concentration (BAC) of 0.08 or higher. No proof of impairment is required. A commercial vehicle operator's threshold is a BAC of 0.04 and the threshold for a person under age 21 is a BAC of 0.02. In 2013, a marijuana-impaired driving law went into effect that establishes 5 ng/ml of Delta-9-tetrahydrocannabinol or THC as excessive marijuana concentration. Again, no proof of impairment is required.

The impact of a DUI conviction can include, but is not limited to the following:

- **Driving record** – serious traffic convictions stay on a person's record for life and can impact vehicle insurance with higher rates or cancellation of the policy.
- **DUI convictions stack up** – the fourth DUI conviction is a felony and can be considered in any future sentencing, no matter how minor.
- **Employment** – positions that require driving include a review of the driver's record. DUIs in a private vehicle can impact commercial driving privileges – up to suspension for life.
- **Ability to drive** – after just one DUI/BAC conviction, a driver's license will be suspended for six months for the first offense and one year or more for subsequent offenses.

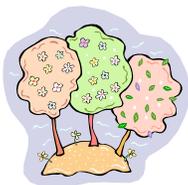
A DUI can cost a first-time offender \$5,000 to \$6,000.

- Fines—\$300-\$1000
- Court costs—\$135-\$500 with a trial
- Attorney fees— \$70 an hour for public defender, \$100-\$300 an hour for private counsel
- Chemical dependency assessment and mandatory alcohol classes—\$325 and up
- Driver license reinstatement fee—\$200
- Vehicle impound and tow
- Additional options the judge may order:
 - Ignition interlock—\$75-\$120 for installation, plus \$70 a month.
 - Transdermal alcohol monitoring device— \$12 a day or \$360 a month.
 - 24-7 Sobriety Program—\$4 a day or \$120 a month.



A DUI crash can easily cost more than \$100,000 if injuries are involved.

The best idea for those who choose to drink is to plan ahead and designate a sober driver, arrange for a taxi ride or shuttle, or use a community safe-ride program. For more safety tips and to learn more about the full cost of a DUI go to: plan2live.mt.gov (<http://plan2live.mt.gov/docs/dui-cost.pdf>). For copies of the brochure, contact Lorelle Demont at 444-7411 or ldemont@mt.gov.



Dust Off Your Rakes and Shovels . . .

It's that time of year again when communities throughout the nation dust off their shovels and rakes and participate in Arbor Day activities that improve neighborhoods, brighten city parks, clean roadways and foster care and concern for the communities in which they live.

Mayor Larry Bonderud has declared **Friday, April 25, 2014** as Arbor Day in Shelby. Through care and commitment, the community of Shelby has been named a Tree City USA for 14 years thanks to city employees, local organizations, businesses, students and individuals who each year initiate projects to care for and maintain community parks and public areas through tree planting and clean up.

This year Arbor Day funds will be used to complete softscaping on the north side of Highway 2 East near the Welcome to Shelby sign. The City will also be planting additional trees in the Main Street business district and Shelby City Park. Volunteers are greatly appreciated for these planting projects.

Mayor Bonderud encourages other groups, businesses, organizations and students to join in this year's Arbor Day celebration as well. If you'd like to select a city park, fence line, roadway or other area of the community, please call Lorette Carter at 424-8799 or email shbcdc@3rivers.net. Schedules do not always allow for cleanup to take place on that day, but the City would greatly appreciate your participation as your schedule allows.

Working together we can all continue to make Shelby a great place to live, work and raise our families.

Tree populations are declining...what can we do?



Each year of the 1.2 trees planted, one is lost! We are slowly losing our familiar urban greenery and the many benefits trees provide for our enjoyment, health and economic well-being. There are two ways to attack the problem. One is to plant more trees and the other is to prolong the lives of the trees we already have. Here are tips for growing our tree population:

Plant New Trees

To Save A Tree:

- Prepare the site by digging a hole no deeper than the planting ball. To encourage root growth away from the ball, rototill or loosen the soil with a shovel several feet around the planting hole.
- Gently remove wires, nylon cord or plastic from the planting ball. Loosen pot-bound roots and cut any that circle the ball severely.
- Place planting ball in the hole of top of firm soil.
- Plant no deeper than where the root flare (highest main roots) is just below the soil surface – no deeper!
- Backfill with native soil or spread soil amendments throughout the entire planting area.
- Water the soil to settle it instead of packing.
- Water an area beyond the root ball to encourage root spread.
- Stake loosely only if necessary, but no longer than one year.

When Trees are Young

To Save A Tree:

- In dry spells, water the entire area within and a little beyond the drip line. Water about once a week, enough to have the soil damp to a depth of 1 to 3 feet.
- Except for transplanting conifers and trees on very windy sites, staking is usually not necessary. If you must stake young trees, allow room for normal sway in the wind. This aids root development and strengthens the trunk. Cover wires with rubber or plastic to protect the bark and remove all wires after one year.
- Keep vines away from your tree. Cut existing vines into sections and carefully peel them from the tree's bark.
- Keep soil pores open with mulching around individual trees or by planting groups of trees in flower/groundcover beds.
- Fertilizing is usually necessary. Seek professional advice and you'll save money – and perhaps your tree.
- Keep grass away from the tree by proper mulching so lawnmower or trimmer damage is less likely.
- Remove no more than $\frac{1}{4}$ of the live crown of the tree in a single year.

Trees of Any Age

To Save A Tree:

- Maintain the original ground level around the trees.
- Use proper techniques for removing large limbs when they become damaged or must be removed for other reasons.
- Avoid herbicides or weed-killing lawn fertilizers in the root zone, which may be an area with a diameter up to 2 times the height of the tree.
- Plan new building locations and clearly communicate your desire to save existing trees.
- Transplant small trees to empty sites on your property or donate to others.
- Keep construction equipment, wastes or activity away from trees by fencing off the area beneath and around trees.
- Avoid severing roots by trenching around the drip line of the tree or tunneling beneath roots if necessary.



Think Spring... Think Safe Routes to School

It's nearly time again to resume Walk n' Wheel Wednesdays and Fit Fridays through the Shelby School District #14 Safe Routes to School Program.

The Shelby SRTS Task Force has been working for over 7 years to create a fun, educational program encouraging our young people to walk and/or bike to school. As students, staff and community members did in September and October, walking school buses will start up again on **Wednesday, April 2nd** and **Friday, April 4th**.

Adults will be stationed at **two locations** this spring...the former **Shelby Middle School** and intersection of **Oilfield and Sheridan Avenues** leaving the **Middle School at 7:35 am** and **intersection at 7:45 am**. Students who participate are entered into drawings at the end of the school year for prizes included Shelby Coyote apparel and Shelby Swimming Pool passes.

Another feature of the spring SRTS Program is **National Bike to School Day. Wednesday, May 7, 2014** is the third annual bike to school event. Bike to School Day builds on the popularity and success of International Walk to School Day, which is celebrated in Shelby - across the country - and the world - each October. Students will be encouraged to strap on their bike helmets and bike to school that day.

Through the Montana Safe Routes to School Program, the City of Shelby has been able to make great improvements to Prairie, Valley, Gallatin and Sheridan Streets and several other sections of sidewalks leading to the Shelby school complex.

The Shelby/School District #14 Task Force encourages parents to join their children while saving a little fuel. What better way to spend a few additional minutes with your children enjoying the fresh air and getting a little exercise along the way.

Automated Bank Drafting and E-Mail Bill Options

We would like to remind you that the City of Shelby offers Automated Bank Drafting and the option to have your utility bill e-mailed to you.



Automated Bank Drafting - This allows billed amounts to be collected electronically directly from your bank account. This feature is also known as Automated Clearing House (ACH). After each monthly billing the billed amount is transferred directly from your bank to the City's bank account.

E-Mail Bills - This feature sends your utility bill to your personal email address each month.

If you are interested in one or both of these features please call City Hall at 434-5222 or check out the City of Shelby website (www.shelbymt.com) and print out the ACH form.