

Mackinaw City Newsletter



SPRING, 2011

CONTACT THE VILLAGE

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Hello Community,

The next few weeks will find all of us busy as we renew our homes and businesses for the enjoyable times of a Mackinaw summer! Our Village parks and hiking & biking trails will be calling as warmer winds greet us.



As I mentioned last fall, we have made marked improvement in some of our blight concerns – as we approach our busy tourist season let us join together to make our town an attractive place for tourists and ourselves. We should be proud of the standard of excellence we are working to achieve!

Again, following up a matter mentioned last fall, the ferry boat franchise issue continues to be of great concern to residents, business owners, and Village officials! None of us ever thought we would face ferry boat line problems to such a degree. Understandably, intense emotions have and still are a major part of this situation, but your Village Council must follow a thoughtful and logical path as we maneuver through these difficult times. Extensive research, wise legal counsel, and thorough discussion must be integral ingredients in our decision making. We will be watching carefully as this issue works its way through the proper commissions and courts. **I want you to know that your Village officials remain adamantly opposed to any outcome that authorizes only a single ferry boat service provider; we believe the free business market should be allowed to guide the outcome. You should know we will continue to diligently protect the interests of our Village!**

Another challenge you and your Village officials face is the difficult economic situation of our nation and state. Your Village Manager, Department Heads, and Village

Council will continue to make careful, conservative decisions regarding your tax dollars! Below you will find some informational points that I hope will broaden your understanding of our Village financial picture:

- Our Village is in sound financial condition as evidenced by our audits
- Fund balance reserves are above recommended amounts
- Millage rates have been set at the same level as last year
- Due to decreases in property values Village revenues have decreased
- Various operational expenses are being held constant, with some being reduced
- Wage freezes for non-union employees; no wage increases for elected officials
- Since 2007 the Village work force has been reduced by 12%
- Contract wages and benefits will be closely reviewed in the fall of 2011
- Capital improvements are lower than recent years; some projects may be postponed

Volunteerism is alive and well in our Village! We have many dedicated individuals working to help various facets of our community – without them the quality of our lives would not be nearly as good!

I realize a large portion of this President's Message contains some difficult challenges for all of us, but keep in mind our Village of Mackinaw is in far better stead than many, many other municipalities around our great state of Michigan. We can and will sustain our Village through these difficult financial times – no one knows when, but better times are in our future!

Kind regards, Jeff Hingston

IF YOUR WATER BILLS SEEM HIGH



STOP THE LEAKS!

You probably do not realize that a dripping faucet or other unsuspected leaks may be the cause.

WATER WASTE AT 40 POUNDS PRESSURE

- a 1/32" leak wastes 170 gallons in 24 hours
- a 1/16" leak wastes 600 gallons in 24 hours
- a 1/8" leak wastes 2500 gallons in 24 hours

At \$1.00 per thousand gallons the smallest of these leaks will add over \$62.00 to your annual water bill.

STOP THE LEAKS
BadgerMeter, Inc.
P.O. Box 245225, Milwaukee, WI 53224-9526
(800) 876-3837 / Fax: (414) 371-0960
www.badgermeter.com

6-0210 (4.02)

FINAL MASTER PLAN PUBLIC HEARING SET

The Village Council has set the final public hearing to receive public input prior to the adoption of the Community's Land Use Master Plan on May 12, 2011 at 7:00 p.m. in the Multipurpose Room at the Mackinaw City Public Schools, 609 West Central Avenue, Mackinaw City, MI 49701.

Copies of the Master Plan are available on line at www.mackinawcity.org, at Village Hall, and the Mackinaw Area Public Library.

The Master Plan is a document which sets forth the policies for land use and capital improvements concerning the future of the community. The Plan contains general statements of goals and objectives developed from public hearings, public comments, and surveys taken over the last several years. The Plan contains an implementation schedule to review land use policies that may result in amendments to the Village's Zoning Ordinance.

The Plan will aid the Planning Commission and Council in their deliberations on zoning, subdivisions, capital improvements, and other matters related to land use and development within the Village. The Plan provides the statutory basis upon which zoning and land use decisions are made.

Support the Mackinaw City MEDICAL CLINIC

For an appointment, please call: (231) 436-9900

The Medical Clinic is a primary care clinic where you can get general health care services, including diagnosis and treatment of common illnesses and chronic health conditions. They can also offer referral to a visiting specialist. Cathy Nowka is a certified Pediatric and Family Nurse Practitioner servicing the clinic. Carl Hawkins, M.D. also provides family medicine services by appointment.

During their first year they provided care for 1872 clients, residents and visitors to the area. They are in the process of becoming certified as a Rural Health Clinic. They also offer common office laboratory services. Appointments are preferred but walk-in patients are welcome.

They would like to thank the community for their support.

Fall, Winter and Spring Hours:

Monday, Tuesday and Friday from 9:00 am. to 4:00 p.m.

Thursday 9:00 am to noon

Closed on Wednesday

Summer Hours beginning May 16, 2011

Monday thru Friday

9:00 a.m. to 5:00 p.m.

RESTROOMS TO BE BUILT AT CONKLING HERITAGE PARK

The Village has received a \$74,000 grant from the Michigan Natural Resources Trust Fund (MNRTF) to construct three universal handicapped accessible units at Conkling Heritage Park located on South Huron Avenue. The facility and improvement to the Park are estimated to cost \$150,000. The facility will be located at the southwest corner of the property providing restrooms for concert goers, people enjoying the park and people taking a walk, or bicycle ride along South Huron Avenue. A grant contract is expected from the State by June 1st with construction starting in early July.

Village Launches New WEBSITE

The Village encourages citizens, visitors, and businesses to visit the community's new website at www.mackinawcity.org. The site provides links to community information, business resources, visitor information, Village Council and boards information and minutes. The website also provides Village documents such as the Municipal Budget, audit, plans, reports, ordinances, forms, applications, and fees. The website is a living site, please visit frequently.



The Village would like to say thank you to Sandy Planisek for her many hours of volunteer work with Village staff to provide photographs and text development for the website.

RECYCLE More Things - Keep Recycling

In addition to the materials you've been recycling, you can add:

Plastic tubs, trays, and cups

Juice boxes, milk cartons and paper cups

Cardboard packaging from frozen and refrigerated foods

Plastic grocery and bread bags

LEGAL FORMS On-Line soon free at library

Thanks to a partnership between the Northern Lakes Economic Alliance and the Mackinaw Area Public Library, patrons will soon be able to use a database that will give them access to Michigan-specific legal forms of all types. Please call the library at 436-5451 for more information or e-mail Jolene at mackinaw3@gmail.com.

HYDRANT FLUSHING**APRIL 18 - APRIL 22 East Side****APRIL 25 - APRIL 29 West Side****7:30am - 5:00 pm**

Water line flushing will be completed in your area on the dates indicated above. It is more likely that water may become cloudy as deposits are removed from the lines. If water becomes discolored, you will need to run it until it clears.

Flushing can cause water discoloration anywhere in the Village during this two week time. Be careful when doing laundry to avoid discolored clothing. Water is safe to consume during flushing. We apologize for the inconvenience, but flushing is necessary maintenance. Thank you for your patience.

Author to Speak May 26 at 7pm

Michigan Notable Author Gordon L. Olson will be speaking in the community room of the Mackinaw Area Public Library on May 26, 2011 at 7 pm. Mr Olson will talk about his book "A Michigan Polar Bear confronts the Bolsheviks: A War Memoir".

The book is about a Michigan member of the U.S. Polar Bears, Godfrey Anderson (1895-1981), and it tells about his adventures just after the First World War in Archangel, Russia.

Refreshments will be served and copies of the book will be for sale. For more information please call the library at 231-436-5451 or email mackinaw3@gmail.com.

LEAVES & BRUSH PICK-UP**April 4 thru April 29**

Leaves must be placed at the curb in piles. Twigs and branches must be separated from leaf piles and tied up for removal.

SPRING CLEAN-UP
Saturday, June 11, 2011

TIME: 10:00 a.m. to 2:00 p.m.

PLACE: Behind the Mackinaw City Public Schools, Off Central Avenue on to Perrot Street
Look for signs

OPEN to residents of Village of Mackinaw City, Mackinaw Township and Wawatam Township only



LIMIT: One (1) trailer, pick up load per resident

ITEMS ACCEPTED: Carpet, old aluminum chairs, mattresses, wood and metal items up to 4 ft. in length, no longer needed appliances, air conditioners, refrigerators, freezers, batteries, most anything not listed below.

ITEMS NOT ACCEPTED: Tires, household waste, motor oil, hazardous waste which includes paint, thinners and solvents, chemicals, etc., concrete materials, and yard waste.

Recreation Opportunities**RECREATION BASKETBALL
for Jr. Kindergarten thru Eighth Grade**

April 12, 14, 19, 21

at the Recreation Center Tuesdays and Thursdays

Kindergarten & Jr. Kindergarten: 11:45 a.m. to 12:30 p.m.

1st through 8th Grade: 3:45 pm to 5:00 p.m.

Permission slips can be picked up at the school. Questions? Call Dave Paquet at 436-8921 or Jeff Lawson at 436-5351.

Summer READING Program

July 11 - August 2

The library's summer reading program is open to anybody of any age and is free. Special guests will appear on Tuesday afternoons. Phone 436-5451, or e-mail Debbie mackinaw4@gmail.com for program details.

NEW Arts Program

June 15, July 6, July 27, and August 17

10am - Noon

Free hands-on art for kids. For more information contact Carmel.

TEE BALL for K thru 1st Grade

June 7, 9, 14, 16, 21 and 23

Tuesdays and Thursdays from 11am to noon

Tee ball is for any girl or boy enrolled in this past year's preschool, kindergarten, and first grade. They will be taught how to catch, throw, and hit a baseball off a tee.

They will also play a short game. If it is raining, we will play in the recreation center. There is no charge. For further information, please contact either Dave Paquet at 436-8921 or Rev. Reid Nelson at 436-8591.



Bicycle Safety

The Michigan Motor Vehicle Code contains laws which are applicable to bicycles and bicycle safety. The Village also has ordinances pertaining to bicycles.

Safety is everyone's responsibility. We must learn to "Share The Road". Although this is not a complete list of applicable laws, they do cover violations that we see frequently in Mackinaw City. The Mackinaw City Police Department takes an aggressive stance in bicycle safety.

"Every person riding a bicycle or moped upon a roadway shall be granted all of the rights and shall be subject to all of the duties applicable to the driver of a vehicle."



AUTOMOBILE DRIVERS:

- Unless you are driving on a freeway, a bicyclist has the same rights as you to be on the roadway.
- Give a bicyclist plenty of room while passing.
- When passing, proceed slowly and cautiously.
- Keep in mind that bicyclists must always avoid debris in their path and may suddenly veer one way or the other.

Senior Center

Dinners are Monday, Tuesday, Thursday and Friday at 5:00pm with salad at 4:30. Starting May 1st the time will change to 5:30pm. Sunday at 1:00 pm. Seniors 60 and over are \$3, all others are \$5. Euchre after dinner, all welcome. The menus can be found on the village web site.



Personal care

Toe nail clipping the 3rd Friday morning of every month by a nurse for \$15. Come in and sign-up.

BICYCLE DRIVERS:

- Obey all traffic laws.
- Always wear a helmet and protective clothing.
- Keep to the right side of the roadway riding in the same direction as that traffic lane.
- Keep your speed under control at all times.
- For night riding, equip your bike with reflectors & lights.
- Always wear bright clothing or a reflector zed vest so others can easily see you.
- Do not ride upon sidewalks on East Central Avenue.
- Use caution when passing parked cars because doors can be opened without warning.
- Watch out for potholes, rocks, broken glass, and other road hazards.

OUR SCHOOL KIDS

Congratulations to 5th grader Marguerite Arbogast! She won the state spelling bee competition in the 4th-6th grade division.

Did you see the school play? It was hilarious.

Band booster talent show will be April 15th, 7pm in multi-purpose room.



TO: POSTAL PATRON

PAID STD
 U.S. POSTAGE
 PAID
 Crossroads Ind. Inc.
 Gaylord MI 49735
 Permit #281

Village of Mackinaw City
 102 S. Huron Ave.
 Mackinaw City, MI 49701



ANNUAL DRINKING WATER QUALITY REPORT

VILLAGE OF MACKINAW CITY

January 1, 2010 to December 31, 2010

This report is designed to inform you about the quality drinking water and services that we deliver to you every day. Our constant 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 treatment process and protect our water resources. We are committed to ensuring the quality of your water. The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Our water comes from four groundwater wells. These wells are located throughout the village. Well # 1 is on Pond Street, Well # 2 is on Perrot Street, Well # 3 is on U.S. 23, and Well # 4 is on Pond Street. In 2004 the state approved the Village of Mackinaw City's "Wellhead Protection Plan". The 4 production wells (Well #1, Well #2, Well #3, Well #4) obtain ground water from an aquifer that would be characterized as moderately high susceptibility to contamination. The State performed an assessment of our source water in 2003.

We are pleased to report that your drinking water is safe and meets all State and Federal requirements

This report is a snapshot of the quality of the water we provided to you in **2010**. Included are details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and State of Michigan standards.

If you have any questions about this report or concerning your water utility, please contact Jeff Lawson, Village Manager, at City Hall (231) 436-5351. We want our valued customers to be informed about their water utility. The Village of Mackinaw City Water Department routinely monitors for contaminants in your drinking water according to *Federal and State Laws*.

This report shows the results of our monitoring for the period of **January 1 thru December 31, 2010**. *ALL* drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

Contaminants that may be present in any source water include:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

Inorganic contaminants, such as salts and metals which can be naturally occurring or result from urban storm water run-off, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides, which may come from a variety of sources such as agriculture and residential uses.

Radioactive contaminants, which are naturally occurring.

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 storm water runoff, and septic systems.

The **State of Michigan** and **Environmental Protection Agency** require us to test our water on a regular basis to ensure its safety.

We met all monitoring requirements for the year 2010.

The following tables list all drinking water contaminants that we detected during the **2010** calendar year. The presence of these contaminants in the water **does not** necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done **January 1 – December 31, 2010**. The state allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. All of the data is representative of the water quality, but some are more than one year old.

In the following tables you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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

Parts per billion (ppb) or Micrograms per liter – 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) – a pico equals one part per trillion; the measurement of radiation in water.

Maximum Contaminant Level (MCL) – is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) – is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allows for a margin of safety.

Action Level (AL) – is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Residual Disinfectant Level (MRDL) – is the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – is the level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NA – not applicable **ND** – not detectable at testing limits **RAA** – running annual average.

VILLAGE OF MACKINAW CITY

2010 WATER MONITORING REPORT

Regulated Chemical Contaminants	MCL	MCLG	Our Water System	Sample Date	Violations Yes/No	Typical Source of Contaminants
Barium (ppm) (inorganic)	2	2	N/D to 0.01	2005	NO	Erosion / Natural Occurring Byproducts of drilling
Nitrate (ppm)	10	10	N/D to .6	2010	NO	Erosion of natural deposits, runoff from fertilizers
Fluoride (ppm) (inorganic)	4	4	.16 to .25	2010	NO	Erosion of natural deposits

Radioactive Contaminants	MCL	MCLG	Our Water System	Sample Date	Violations Yes/No	Typical Source of Contaminants
Alpha emitters (pCi / L)	15	0	0.6 to 2.0	2002	NO	Erosion of natural deposits
Gross Beta (mrem / yr)	4	0	0.7 to 1.8	2002	NO	Decay of natural and man-made deposits
Combined Radium 226 / 228 (pCi / L)	5	0	.13 to .35	2002	NO	Erosion of natural deposits

Contaminants Subject to an Action Level	Action Level		Our Water System	Sample Date	# of Samples Above AL	Typical Source of Contaminants
Free chlorine Residual (ppm)	MRDL = 4.0 MRDLG = 4.0		.24 to .51 RAA= .33	2010 / monthly	0	Disinfectant added to control microbes
Total Trihalomethanes (ppb)	MCL = 80		4.7 to 6.3 RAA= 5.3	2010	0	Disinfection byproduct
Haloacetic Acids (ppb)	MCL = 60		1.0 to 4.3 RAA= 2.1	2010	0	Disinfection byproduct
Lead (ppb) *	AL = 15		1	2009	0	Corrosion of household plumbing; Erosion of Natural Deposits
Copper (ppm) *	AL = 1.3		0.21	2009	0	Corrosion of household plumbing; Erosion of Natural Deposits; Leaching from wood preservatives

* 90 % of the samples collected were at or below the level reported for our water.

Unregulated Chemical Contaminants **			Our Water System	Sample Date	Violation Yes / NO	Typical Source of Contaminants
Sodium (ppm)			N/D to 12 Average 4.5	2010	N / A	Erosion of natural deposits
Sulfate (ppm)			ND to 22 Average 13	2010	N / A	Erosion of natural deposits

** Unregulated contaminants are those for which EPA has not established drinking water standards. Monitoring helps EPA to determine where certain contaminants occur and whether it needs to regulate those contaminants.

We are pleased that your drinking water meets or exceeds all Federal and State Requirements.

We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that **YOUR WATER IS SAFE** at these levels. *All* sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. *All* 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 the water poses a health risk. 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 and potential health effects can be obtained by calling:

The Environmental Protection Agency’s Safe Drinking Water Hotline at -- 1-(800) 426-4791.

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. The Village of Mackinaw 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>.

General information about our water system

The Village of Mackinaw City water system distributes water along approximately 11 miles of pipelines from four separate well locations. Well # 1, on Pond Street, has a pumping capacity of 651 GPM, Well #2 on Perrot Street has a capacity of 360 GPM, Well # 3, located just off U.S. 23 has a capacity of 400 GPM, and Well # 4, also located on Pond Street, has a capacity of 385 GPM. These wells give the village a “Firm Capacity” (the system’s capacity with the largest well out of service) of 1145 GPM or 1.6 Million Gallons per Day. Water storage is provided by a 200,000 gallon elevated water storage tank, located at Wawatam Park on N. Huron Ave. Additional land is owned by the Village on the west side of town for a future additional storage tank. The Village’s water is treated with sodium hypochlorite (chlorine) and polyphosphate for disinfection and iron sequestering. The Village has recently purchased back-up generators capable of maintaining the capacity of our water system in the event of a power loss to the city.

The Village of Mackinaw Water Department is on call 24 hours per day 365 days a year ready to do whatever is necessary to provide this community with the best possible water at all times.

**Please help us protect our water resources, which are the heart of our
Community, our way of life, and our children’s future.**