



HELPFUL PHONE NUMBERS

Marine City Fire Department: 765-8840

St. Clair Fire Department: 329-3360

Sheriff Department: Non-emergencies call: 1-800-462-7111 General info.: 810.985.8115. Dial: 911 for emergencies only

STD PRSRT US POSTAGE PAID PERMIT NO. 61 ST. CLAIR, MI

We need your help!

If you witness any vandalism or suspicious behavior on our bike paths or in the township parks, please contact the Sheriff Department, township employees or the township office.

HELPFUL INFORMATION

- AYSO Soccer Hotline: 1-877-297-6673 or www.riversoccer.org
• Household Hazardous Waste Disposal-Smiths Creek Landfill: 810-985-2443
• COMCAST: 1-888-266-2278
• St. Clair County Treasurer's Office: 810-989-6915
• Social Security Administration: 1-800-772-1213 or www.ssa.gov
• Free 411 information: 1-800-GOOG-411 or www.whitepages.com and www.switchboard.com
• United Way: Free medical equipment or assistance can be obtained by calling United Way of SCC 810-989-8169
• New low income dental clinic 1-800-462-6350
• Blue Water Transit (Free Rides Countywide) 810-987-7373, SCHEDULES AT THE HALL
• Secretary of State: 2887 Krafft Rd., Port Huron, MI 48060 888-767-6424



TOWNSHIP HIGHLIGHTS

- TOWNSHIP PICNIC: Saturday, September 10, 2011 at 11 am. Join us at the East China Park for good food and live entertainment.
• LONGEST YARD SALE: August 12 - 14, 2011.
• CONGRATULATIONS to our Township Supervisor JOHN RANDOLPH - on his appointment as the 2011 President of the Michigan Township's Association. The MTA's membership includes 1,242 townships state-wide.
• THE U.S. CENSUS DATA: reports that East China's population increased from the 2000 CENSUS by 158 to 3,788 at the 2010 CENSUS.
• TOWNSHIP HALL: Residents can reserve use of the township hall at a cost of \$25 for showers, family parties, etc.
• SENIOR FLU SHOT CLINIC: Watch for details, likely between October 3rd - 14th.
• GARAGE SALE PERMITS: stop into the office for a Garage Sale Permit prior to yard sales. There is no fee for this permit.

Your Elected Township Board

(Thru 11/20/2012)

John A. Randolph Supervisor

Gary J. Arnold Clerk

Donald K. Beaudua Treasurer

Angelo Patsalis Larry Simons Richard Bober Donald Horn Trustees

Township Board Meetings 1st & 3rd Monday each month at 7:30 p.m.

Township Website www.eastchinatownship.org

After Hours Township Water/Sewer Emergencies: 810-765-8879 x131

Township Office Hours 8:00 a.m. until 4:30 p.m. Monday-Friday

Watch the Township Board Meetings www.watchctv.org

From the Treasurer's Office \$\$\$\$

- Summer tax bills will be in the mail July 1, 2011, due September 14, 2011.
• Tax payments can be paid in person, by mail, or by check in drop box.
• Tax payments by check must only be for taxes, do not include any other payments to the township in that check.
• To Avoid High Water Bills...Old water meters can slow down due to dust, dirt and spider webs. Please read your inside and outside meters and call readings into the office 765-8879 x113.
• Leaky faucets and running toilets are expensive. Over a 90-day billing period, leaks can waste water and cost you lots of \$\$ WATCH OUT FOR LEAKS!
• If you have changed your phone carrier and number, please write your new contact phone number on your bill or contact the office with the updated information.

Township Office is Closed for these Holidays:

Table with 3 columns: Holiday Name, Date, and Note. Includes Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving, Christmas, and New Years.

**PROTECT OUR WATERWAYS:
DO NOT DUMP YARD WASTE
INTO THE RIVER . . IT IS LITTERING
according to state law . . .**

Lets all keep our waterways clean and healthy! It is ours to protect! CHECK BEACH MONITORING INFORMATION AT 1-877-504-SWIM or (810-987-7253)

EAST CHINA WATERSHED AREAS:
East China is dedicated to protecting our local rivers and streams. We know that clean water for drinking and recreation, as well as for fish and wildlife habitat are important to you. Yet not everyone realizes the connection between our small drains and larger rivers. Making sure our water is free of pollutants ensures clean water for every person, for every purpose.

FROM THE BUILDING DEPARTMENT

Jeff Kern Building Inspector
Fred Ouellette Electrical Inspector
Garrett Smith .. Plumbing/Mechanical Insp.

- Call MISS DIG at: 8-1-1, before starting any excavation project.
- FLOOD INSURANCE: The Township can print a FEMA map of your property to show what zone you are in.



HELPFUL INFORMATION

- **Don't leave plastic water bottles in hot vehicles.**
The heat releases dioxin into the water from the plastic heating up. Dioxin is known as a cancer causing toxin.
- **No plastic containers or plastic wrap in microwave, or water bottles in freezer.** All of these actions release dioxin into the water or food in the container.
- **FREE directory service for your cell**
Cell phone companies are charging us \$1-\$1.75 or more for 411 information calls when they don't have to. When you need to use the 411 information option, dial: 800-373-3411 without incurring any charges.
- **NEIGHBORHOOD WATCH PROGRAM:** Watch for more information about starting a Neighborhood Watch Program in your area.
- **ADOPT A ROAD PROGRAM**
SCC Road Commission offers a ADOPT A ROAD PROGRAM, where your group or family keeps a road that you choose, cleaned up all year. The County then posts a sign with your family or group's name at that location. Call 810-765-8879x119 for more information.

SERVICES FOR SENIORS

- Free prescription drugs to low income:**810-984-5061
- Homebound senior meals \$2 each:** 810-987-8811 or1-800-297-0099
- Transportation:**765-8570
- Friendly visitors:**1-800-297-0099
- Home repair service:**810-987-8811
- Chore workers,**
will help with indoor cleaning or yard work:810-987-8811

BEAUTIFICATION COMMITTEE

Free lecture series @7 pm:
1st Thursday each month
Thank you to the East China Beautification Committee for planting such beautiful flowering pots at the Township Hall, and flowerbeds at the cemetery, and parks.



Use of Township Facilities

Residents may reserve use of the Township Hall for meetings, bridal or baby showers, family gatherings, etc., twice per year.



A \$25 fee and a \$50 cleaning deposit are required at the time of the reservation.

Residents may reserve a park pavilion for a fee of \$25, along with a \$100 cleaning deposit.

GARBAGE, YARD WASTE & RECYCLABLES

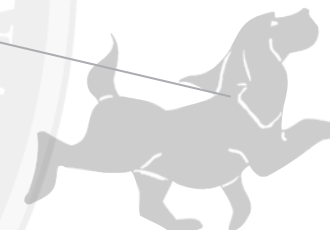
Have refuse & recyclables at the road by 6:30 a.m. on Fridays. Containers must not weigh more than 50 pounds. Carpets & rugs must be cut into 3-foot lengths and bundled.

Yard waste containers must be marked with an "X" or paper compost bags can be used.

Waste Management provides our refuse & recycling disposal. Their telephone number is 1-800-796-9696. Refrigerators, freezers and air conditioners must have freon properly removed by a plumber prior to pickup. The item must show a plumber's green sticker in order to be picked up. Residents can put out one large item per week.

FROM THE PARKS DEPARTMENT

SUMMER RECREATION PROGRAM:
Begins June 20th
Ends July 28th
(FREE for all Township Residents)



DOGS: Please Keep ALL DOGS On A 6' LEASH when in the parks or on the bike path.

Print schedule online at twp website (Information/Forms) or pick up a copy from the Township Office.

East China Historical Commission



The Red Brick Schoolhouse will host open houses during the 2nd Sunday each month, June through October from 1 – 4 p.m.

- June 12th Winners of our mannequin's name and biography contest will be announced.
- July 10th Sam Grey will teach how to play marbles (for all ages)
- August 14th (to be determined)
- September 11th History of Pelkey anchors. Made in Marine City during 1920s – 1930s, they were standard equipment on many Chris-Craft boats.
- October 9th (to be determined)

In the meantime, consider using our charming 1872 schoolhouse for your meetings, special events or weddings. For more information, schedule a tour, or genealogy research, call 810-765-8879 or visit: www.eastchinatownship.org/brick.html



EMERGENCY MANAGEMENT

Gather Items to Make Your Emergency Supply Kit and Be Ready to **SHELTER IN PLACE FOR 72 HOURS**

- Flashlight with extra batteries
- Battery-powered radio with spare batteries
- Several gallons of bottled water
- Towel for sealing off the bottom of the door
- Non-perishable food (and food for your pet)
- First-Aid kit
- Extra clothes and bedding
- Prescription medications
- Any other necessities
- The most accurate information will be provided by the following radio stations: **WSAQ 107.1 & WGRT 102.3.**
- **Purchase a ST. CLAIR COUNTY ALERT FM DEVICE, \$40 to get information you need at home or at work** for weather alerts, road closures, evacuations and sheltering in place, industrial emergencies, flooding, or amber alerts. (sample device at the Township Hall) Contact: SCC Office of Emergency Management 810-987-6965 or go to: www.BeReadyStClairCounty.org

OPEN BURNING can cause airborne particles that aggravate the symptoms of respiratory disease patients. Fires must be 50-feet away from any building and attended by an adult. You must have a proper method to extinguish the fire.

- Marine City Fire Department 765-8840
- St. Clair Fire Department 329-3360

For More Information

We invite public participation in decisions that affect drinking water quality. Township Board meetings are held on the first and third Mondays of each month. Please feel free to attend.

If there are any questions about your water or this report, you can contact Michael McLeod at the Water Filtration Plant telephone number listed below.

Online Water Resources

Michigan Department of Environmental Quality www.deq.state.mi.us/

American Water Works Association www.awwa.org/

U.S. Environmental Protection Agency www.epa.gov/ogwdw/

Michigan Rural Water Association www.mrwa.org/

Important Phone Numbers

Water Filtration Plant 810-765-4647

East China Township Office 810-765-8879

China Township Office 810-765-1145

St. Clair County Health Department 810-987-5300

MDEQ Southeast Michigan Office 586-753-3760

EPA Drinking Water Hotline 800-426-4791

Annual Drinking Water Quality Report East China and China Charter Townships Water Quality Report for 2010

On August 6, 1996, the reauthorized and amended Federal Safe Drinking Water Act (SDWA) was signed into law. Because of this, the SDWA and Michigan Department of Environmental Quality now require each water supplier, including townships, to inform their customers of the water quality through an annual report.

This is the Annual Water Quality Report. This report is designed to inform you about the water quality and services we deliver to you every day. Our goal is to provide you with a safe, dependable, and adequate supply of water. We want you to understand the efforts that are made to continually improve the water treatment system. We are committed to ensuring the quality of your water.

We are fortunate to have the St. Clair River for our water source for the East China Township Water Treatment Plant. It provides us with an excellent quality and unlimited supply of raw water. Unfortunately, because of occasional chemical spills, the plant is shut down until the danger passes our intake. A Source Water Assessment was completed in 2004 to determine the susceptibility of the relative potential of contamination. The susceptibility rating is on a seven-tiered scale from "very low" to "high" based primarily on geologic sensitivity, water chemistry, and contaminant sources. The susceptibility of our source is high given land uses and potential contaminant sources.

Significant sources of contamination include commercial and industrial discharges, storm water drainage, and agricultural runoff.

To find out about current spills, watch Cable Channel 6, or call the Township Hall at (810) 765-8879 and a message will be on the answering machine if there is a problem.

The Water Plant utilizes membrane micro-filtration to filter dirt and bacteria out of your drinking water. This technology, we feel, is the best method available to us to meet the ever-changing regulations set forth by the Michigan Department of Environmental Quality and The United States Environmental Protection Agency.

The Water Plant has been online since July of 2001. We have the capabilities of producing sufficient water to meet the needs of our customers. The plant is also easily expandable to meet future needs. Zenon Environmental Systems, a Canadian company, manufactured the filtration process. It is made up of 600,000 hollow fibers, about 10 ft long. Water is drawn through these fibers and the unwanted particles, dirt, viruses, and bacteria are removed. To make absolutely sure the water is safe, a small amount of chlorine is added, and bacteria samples are taken daily before it is sent to the distribution system. Then, samples are taken three times a week from the distribution system to make certain the water is of good quality.

PULL OUT AND KEEP THIS INSERT!

WATER PLANT FACTS

- * 2.7 million gallon per day maximum capacity.
- * 6,500 square foot facility designed to allow future expansion.
- * State of the art microfiltration treatment technology.
- * First application of Zenon microfiltration in the Midwest.
- * Powdered activated carbon system for taste and odor control.
- * Use of long-lasting, low maintenance materials throughout the plant.
- * State of the art laboratory for on-site analysis and quality control.

The Water Department routinely monitors your drinking water according to Federal and State laws. The table on the inside of this report shows the test results for the monitoring period of January 1, 2010 through December 31, 2010 unless otherwise noted.

The test results show that we have met or exceeded all State and Federal requirements.

Required Additional Information: To ensure that tap water is safe, the EPA implements regulations which limit the amount of certain contaminants in water provided by public water systems.

The Food and Drug Administration: (FDA) establishes limits for contaminants in bottled water, which must provide the same protection for public health.

Contaminants that may be present in source water:

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. These substances can be microbes, inorganic or organic chemicals, and radioactive substances. 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.

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 may be naturally occurring or result from urban runoff, 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, storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and may come from gas stations, urban storm water runoff and septic systems.

Radioactive contaminants which can be naturally occurring or be the result of oil and gas production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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 may 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 and other microbiological contaminants are available from: **The Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791**

DEFINITIONS

In the table on the next page, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we have provided the following definitions:

Action Level (AL): The concentration of a contaminant, That, if exceeded, triggers treatment or other requirements, which a water system must follow.

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

Maximum Contaminant Level (MCL): The "Maximum Allowed" 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 Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is evidence that the addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant, to 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.

Nephelometric Turbidity Unit (NTU): Nephelometric Turbidity is a measure of the clarity of water. Turbidity in excess of 5 NTU, is just noticeable to the average person.

N/A: Not applicable / available:

Parts per million (ppm) or Milligrams per liter (mg/l): One part per million corresponds to a single Dollar in \$ 1,000,000.

Parts per billion (ppb) or Micrograms per liter: One part per billion corresponds to a single Dollar in \$1,000,000,000.

RAA: Recent Annual Average:

Treatment Technique (TT): A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.



2010 TEST RESULTS

Sampled from the (Distribution System)

Microbiological Contaminants	MCL	MCLG	Number Detected	Violation Yes/No	Typical Sources of Contaminant
Total Coliform	1 positive monthly sample	0	0		Naturally present in the environment
Bacteria	(5% of monthly samples positive)			NO	
Fecal Coliform and E. coli	Routine and repeat sample total coliform positive and one is also fecal or E.coli positive	0	0	NO	Naturally present in the environment

Regulated Microbiological Parameters (sampled at the plant tap)		Violation Yes/No	Major Source	Measure of the clarity of water.
Highest Single Measurement Cannot Exceed 1.0 NTU	Lowest Monthly % of Samples Meeting Turbidity Limit of 0.5 NTU		Soil runoff	
0.05	(minimum 95%)	NO		

Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.

Sampled from the (Distribution System)

Contaminant	Test date	Units	MCLG	MCL	Highest Detected	Range Detected	Violation	Major Sources in Drinking Water
Total Trihalomethanes TTHM	2010	ppb	na	80	55.0	32.0 81.0	NO	By-product of drinking water chlorination
Haloacetic Acids	2010	ppb	na	60	35.0	22.0 44.0	NO	By-product of drinking water chlorination
Chlorine Residual	2010	ppm	MRDLG 4	MRDL 4	1.28	0.8 1.45	NO	By-product of drinking water chlorination

Regulated Inorganic Parameters (sampled in the water filtration plant tap)

Contaminant	MCL	MCLG	Level Detected	Sample Date	Violation Yes / No	Typical sources of contaminant
Fluoride (ppm)	4.0	4.0	1.10	2010	NO	Water additive which promotes strong teeth. Erosion of natural deposits, discharge from fertilizer and aluminum.
Nitrate (ppm)	10.0	10.0	0.7	2006	NO	Run off from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits.
Barium (ppm)	2.0	2.0	0.020	2009	NO	Discharge from drilling wastes, discharge from metal refineries, discharge from mines.
Special Monitoring and Unregulated Contaminant **	Level	Detected	Sample Date	Typical Source of Contaminant		
Sodium (ppm)		7.0	2010	Erosion Source of natural deposits		

Sampled from the (Distribution System)

Contaminants Subject to AL		Action Level		90 % of Samples < This Level			Number of Samples Above AL	
Contaminant	Test Date	Units	Health Goal MCLG	Action Level (AL)	90th % Value	# samples > AL	Violation Yes/No	Typical Source of Contaminant
Lead	Jun-09	ppb	0	15.0	3.0	0	NO	Corrosion of household plumbing system; Erosion of natural deposits. See figure * 3 below
Copper	Jun-09	ppm	1.3	1.3	0.30	0	NO	Corrosion of household plumbing system; Erosion of natural deposits

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

(*1) Turbidity is a measure of the cloudiness of water. It is monitored to determine the effectiveness of our filtration treatment process. The requirement for turbidity is that all samples be below 1.0 NTU's and that 95% of the samples must be lower than 0.50 NTU's. 100% of our samples were below 0.50 NTU's.

(*2) The most recent sampling period for lead and copper was June 1st through September 30th 2009. We are required to monitor once every three years for lead and copper. No samples from the Consecutive System of China or East China exceeded the Action Level for lead or copper.

MCL's are set at very stringent levels. To understand the possible health affects described in this report for the many required contaminants detected, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a-one-in-a million chance of having the described health affects.

(*3) Lead : 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. SCRS&WA 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>.

The Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791