2014 Water Quality Report

Water Department

Wyandotte Water... where technology, knowledge, and people come together to provide water exceeding customer expectations

Wyandotte, MI 48192

To:

Wyandotte Residents

Electric, Steam and Water Service since 1889
Cable Television, High Speed Internet and Digital Phone Service since 1981

www.wyan.org

Telecommunications Services
Cable TV, Internet and Digital Phone
Signal Quality and Billing Complaint Procedure
Channel Guide/Rates

Electric/Save A Watt In Wyandotte Program
Solar Energy Program
Geothermal Energy Program

www.wyan.org
A water department is seen by most customers as a collection of vehicles blocking their street, a crew of people destroying their lawn or a piece of sidewalk, or as a faceless person on the other side of the phone.

The parts that almost no one sees are the operators and the maintenance staff in the filter plant. They are the first people who see and work on your water. They run tests, maintain proper flows, and monitor the water quality.

Our customer service center works with people over the phone to answer questions and resolve issues. After hours, our filter plant operators answer these customer service requests. While most of the phone calls end positively, some do not. During an outage (Power, Water or Cable) sometimes the only answer that can honestly be given is that the problem is being worked on.
Water Department 2014 Activities

- 2014 - 1.571 Billion Gallons Produced based on a 5 year rolling average of 1.746 Billion Gallons; we have seen a usage drop of nearly 18%. This amounts to a loss of about $214,000 in revenues for fiscal year 2013.
- Completed phase 3 of a 5 year rebuild program to upgrade all the filters, replace the media, the under drains, controls and valuing at the Filter Plant.
- Completed and met all sampling requirements by MDEQ for the year 2014.
- Inspection of water tower, reservoirs and raw water intake performed by underwater divers in fall of 2014.
- Removed, inspected and upgraded low service pump #5.
- 1.1 Miles/Year Main Replacement Goal (100 mile system)
- 622 new Badger meters installed on meter replacement program for AMR project.
- 51 water main breaks – 1990’s Average: 150; Current Average: 30-45
- 2013 Consumers Confidence Report delivered to all customers during the month of June
- Received and staked over 2948 Miss Dig requests
- Our Customer Service Center handled approximately 16,275 calls this year; of those calls more than 7,705 went to the Water Field Customer Service Staff
- Rate increased 1/1/2014 from $1.35/ 1000 gallons to $1.40/ 1000 gallons to off set revenues lost due to low water usage for the year 2013 for the O/M portion of the budget. We made as many cuts to the budget as we could so as to keep the increase small for our customers.
- Cost of Service review completed by WMS personnel in 2014

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ABBREVIATION FOR</th>
<th>DEFINITION/EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL</td>
<td>Action Level</td>
<td>The concentration of a substances, which, if exceeded, triggers treatment or other requirements which a water system must follow.</td>
</tr>
<tr>
<td>MCL</td>
<td>Maximum Substances Level</td>
<td>The highest level of substances that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.</td>
</tr>
<tr>
<td>MCLG</td>
<td>Maximum Substances Level Goal</td>
<td>The level of substances in drinking water below which there is no known or expected risk to health. &quot;MCLGs allow for a margin of safety.&quot;</td>
</tr>
<tr>
<td>MRDL</td>
<td>Maximum Residual Disinfectant Level</td>
<td>&quot;Maximum residual disinfectant level&quot; or &quot;MRDL&quot; means 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 substances.</td>
</tr>
<tr>
<td>MRDLG</td>
<td>Maximum Residual Disinfectant Level Goal</td>
<td>&quot;Maximum residual disinfectant level goal&quot; or &quot;MRDLG&quot; means the level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial substances.</td>
</tr>
<tr>
<td>pCi/L</td>
<td>PicoCurie per Liter</td>
<td>Measurement of activity of radioactive substances in drinking water.</td>
</tr>
<tr>
<td>UG/L</td>
<td>Parts per billion (one in one billion)</td>
<td>The ppb is equivalent to micrograms per liter. A microgram = 1/1000 milligram.</td>
</tr>
<tr>
<td>MG/L</td>
<td>Parts per million (one in one million)</td>
<td>The ppm is equivalent to parts per million parts. Approximately one inch in 16 miles.</td>
</tr>
<tr>
<td>n/a</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>NTU</td>
<td>Nephelometric Turbidity Units</td>
<td>Measures the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system</td>
</tr>
<tr>
<td>TT</td>
<td>Treatment Technique</td>
<td>A required process intended to reduce the level of a substance in drinking water.</td>
</tr>
</tbody>
</table>
**About Unregulated Contaminant Monitoring**

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. Before EPA regulates a contaminant, it considers adverse health effects, the occurrence of the contaminant in drinking water, and whether the regulation would reduce health risk. The City of Wyandotte Water Department began monitoring for twenty-eight unregulated contaminants in 2014. The following tables list the unregulated substances detected during the calendar year 2014.

### 2014 Unregulated Contaminants - Monitored in the Distribution System

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Results</th>
<th>Units</th>
<th>RDL</th>
<th>Semivolatiles</th>
<th>Results</th>
<th>Units</th>
<th>RDL</th>
<th>Metals</th>
<th>Results</th>
<th>Units</th>
<th>RDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromochloromethane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.060</td>
<td>1,4 - Dioxane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.060</td>
<td>Chromium, Total</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.20</td>
</tr>
<tr>
<td>Bromomethane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.200</td>
<td>Surrogate Recoveries</td>
<td>Limits</td>
<td>Cobalt, Total</td>
<td>ND</td>
<td>Ug/L</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,3 - Butadiene</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.100</td>
<td>1,4 - Dioxane</td>
<td>ND</td>
<td>%</td>
<td>70-130</td>
<td>Molybdenum, Total</td>
<td>ND</td>
<td>Ug/L</td>
<td>1.0</td>
</tr>
<tr>
<td>Chlorodifluoromethane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.080</td>
<td>Wet Chemistry</td>
<td>Results</td>
<td>Units</td>
<td>RDL</td>
<td>Stronium, Total</td>
<td>101.05</td>
<td>Ug/L</td>
<td>30.0</td>
</tr>
<tr>
<td>Chloromethane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vanadium, Total</td>
<td>0.246</td>
<td>Ug/L</td>
<td>0.20</td>
</tr>
<tr>
<td>1,1 - Dichlorethane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.030</td>
<td>Chlorate</td>
<td>340.517</td>
<td>Ug/L</td>
<td>20.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2,3 - Trichloropropane</td>
<td>ND</td>
<td>Ug/L</td>
<td>0.030</td>
<td>Chromium-6</td>
<td>0.097</td>
<td>Ug/L</td>
<td>0.030</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surrogate Recoveries</td>
<td>Limits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This report covers the Wyandotte Municipal Services Water Department drinking water quality for the calendar year 2014. This information is a snapshot of the quality of the water that we provided to you in 2014. The State allows us to monitor for certain substances less than once per year because the concentrations of these substances 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. Included are details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards.

**Contaminants and their presence in water:** 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 (800-426-4791).

**Vulnerability of sub-populations:** Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons 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 microbial contaminants are available from the EPA’s Safe Drinking Water Hotline (800-426-4791).

**Sources of drinking water:** The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. Our water comes from the Detroit River. The State performed an assessment of our source water in 2004 to determine the susceptibility or the relative potential of contamination. The susceptibility rating is on a six-tiered scale from “very-low” to “high”, based on geologic sensitivity, water chemistry and contaminant sources. The susceptibility of our source is highly susceptible. As water travels over the surface of the land or through the ground, it dissolves minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. A copy of this report is maintained at the Water Department please contact Bill Weirich at 734-324-7142 for more information.

**Contaminants that may be present in 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 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 and residential uses.
- **Radioactive contaminants**, which are naturally occurring or are the result of oil and gas production and mining activities.
- **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.

**Information about 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. The Wyandotte Water Department 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.
WATER TREATMENT PLANT
2014 REGULATED DETECTED SUBSTANCES TABLES

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test Date</th>
<th>Units</th>
<th>Health Goal MCLG</th>
<th>Allowed Level MCL</th>
<th>Level Detected</th>
<th>Range of Detection</th>
<th>Violation yes/no</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride</td>
<td>2014</td>
<td>MG/L</td>
<td>4</td>
<td>4</td>
<td>.77</td>
<td>n/a</td>
<td>No</td>
<td>Erosion of natural deposits; Water additive, which promotes strong teeth; Discharge from fertilizer and aluminum factories.</td>
</tr>
</tbody>
</table>

**INORGANICS**

**DISINFECTANT RESIDUALS AND DISINFECTION BY-PRODUCTS – MONITORING IN DISTRIBUTION SYSTEM**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test Date</th>
<th>Units</th>
<th>Health Goal MCLG</th>
<th>Allowed Level MCL</th>
<th>Level Detected</th>
<th>Range of Detection</th>
<th>Violation yes/no</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Trihalomethanes (TTHM)</td>
<td>2014</td>
<td>MG/L</td>
<td>n/a</td>
<td>80</td>
<td>30.1</td>
<td>8.3 - 30.1</td>
<td>No</td>
<td>By-product of drinking water chlorination</td>
</tr>
<tr>
<td>Haloacetic Acids (HAA5)</td>
<td>2014</td>
<td>MG/L</td>
<td>n/a</td>
<td>60</td>
<td>11.00</td>
<td>7.00 - 11.00</td>
<td>No</td>
<td>By-product of drinking water disinfection</td>
</tr>
<tr>
<td>Disinfectant (chlorine) Residual (ppm)</td>
<td>2014</td>
<td>MG/L</td>
<td>MRDLG 4</td>
<td>MRDL 4</td>
<td>1.03</td>
<td>.85 - 1.55</td>
<td>No</td>
<td>Water additive used to control microbes</td>
</tr>
</tbody>
</table>

**2014 TURBIDITY – MONITORED EVERY 4 HOURS AT PLANT FINISHED WATER TAP**

<table>
<thead>
<tr>
<th>Highest Single Measurement Cannot exceed 1 NTU</th>
<th>Lowest Monthly % of Samples Meeting Turbidity Limit of 0.3 NTU (minimum 95%)</th>
<th>Violation yes/no</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.07 NTU</td>
<td>100%</td>
<td>No</td>
<td>Soil Runoff</td>
</tr>
</tbody>
</table>

**LEAD AND COPPER MONITORING AT CUSTOMERS’ TAP**

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Test Date</th>
<th>Units</th>
<th>Health Goal MCLG</th>
<th>Action Level AL</th>
<th>90th Percentile Value*</th>
<th>Number of Samples Over AL</th>
<th>Violation yes/no</th>
<th>Major Sources in Drinking Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>+Lead</td>
<td>2013</td>
<td>ppb</td>
<td>0</td>
<td>15</td>
<td>2.8</td>
<td>1</td>
<td>No</td>
<td>Corrosion of household plumbing system; Erosion of natural deposits.</td>
</tr>
<tr>
<td>Copper</td>
<td>2013</td>
<td>ppb</td>
<td>1.3</td>
<td>1.3</td>
<td>.100</td>
<td>0</td>
<td>No</td>
<td>Corrosion of household plumbing system; Erosion of natural deposits; Leaching from wood preservatives.</td>
</tr>
</tbody>
</table>

*The 90th percentile value means 90 percent of the homes tested have lead and copper levels below the given 90th percentile value. If the 90th percentile value is above the AL additional requirements must be met.

**REGULATED SUBSTANCE**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Treatment Technique</th>
<th>Running Annual Average</th>
<th>Monthly Ratio Range</th>
<th>Violation Yes / No</th>
<th>Typical Source of Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Organic Carbon</td>
<td>The Total Organic Carbon (TOC) removal ratio is calculated as the ratio between the actual TOC removal and the TOC removal requirements. The TOC was measured each month and because the level was low, there is no requirement for TOC removal.</td>
<td>Naturally present in the environment.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SPECIAL MONITORING AND UNREGULATED SUBSTANCES**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Level Detected</th>
<th>Sample Date</th>
<th>Typical Source of Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium (ppm)</td>
<td>11 MG/L</td>
<td>2/1/2014</td>
<td>Erosion of natural deposits</td>
</tr>
</tbody>
</table>

Unregulated Substances 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 substances.

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

We invite public participation in decisions that affect drinking water quality. One may participate at the regular Municipal Services Commission Meetings.

For more information about your water, or the contents of this report, contact Bill Weirich, Water Department Superintendent, at 734 324-7142 or E-mail questions to wweirich@wyan.org

For more information about safe drinking water, visit the U.S. Environmental Protection Agency at www.epa.gov/safewater/
ATTENTION: WyANDOTTE CABlE, INTERNET AND TElEPHONE SUBSCRIBERS

Signal Quality and Billing Complaint Procedure

Customer service representatives are available to take your telephone calls concerning any telecommunication service related problems, telecommunication installation, cable channel changes, billing questions, and/or general questions about any of our telecommunication services at 324-7190, Monday through Friday, 8am to 5pm. Our customer service office is located at the Wyandotte City Hall, 3200 Biddle Avenue, and is open to conduct business covering all aspects of our telecommunication services, Monday through Friday, 8 am to 5 pm.

If you have a technical problem with your cable, internet or phone service you may call for assistance 24/7 to our technical support team at 888.855.9997.

When you experience a problem with any cable, internet or phone service that has not been resolved to your satisfaction, please telephone our customer service office to report the situation at 324-7190, during normal business hours. A customer service representative will try to correct the problem via the telephone. If the customer service representative is not able to accomplish this, you will be scheduled for a service technician to visit your home, usually within 24 hours.

Service technicians are available Monday through Friday, 8am to 6pm, and Saturday, 8am to 4pm. In the event that a large area of our telecommunications system is experiencing technical difficulties we will respond 24 hours a day.

When you have billing questions or any other telecommunications problem you should either appear in person at our customer service office or call 324-7190 during business hours to resolve the situation. If the customer service representative is unable to resolve the situation, please ask to have a supervisor contact you.

If you are unable to get the situation resolved to your satisfaction, we urge you to write Mr. Rod Lesko, General Manager, 3200 Biddle, Suite 200, Wyandotte, MI 48192. If you are still not satisfied with the handling of your situation, you may contact our Franchising Authority, Wyandotte Municipal Service Commission, at the following address:

ATTENTION: Wyandotte Municipal Service Commission
3200 Biddle Avenue
Suite 200
Wyandotte, MI 48192

Wyandotte Municipal Services respects the privacy of our customers and our policy is not to provide any customer information to any source except as required by law.

Wyandotte Municipal Services urges you to call us anytime you have questions and/or concerns about your telecommunications service. Our goal is to provide the highest quality service possible and to promptly resolve any service issue you may experience. You may also search “Help and Tips” on our website, www.wyandottecable.com or email us at talk2wms@wyan.org.

TELECOMMUNICATION SERVICES

The Wyandotte Municipal Services telecommunications utility was created by local residents in 1981 when voters demonstrated their confidence in the department’s ability by approving an ordinance to place the implementation, construction and operation of the new cable television system under the auspices of the Municipal Service department.

In 1983 the department installed the cable infrastructure throughout the city and began offering basic cable television services. Since 1983 the limited basic cable television system has developed into a full broadband telecommunications service offering a wide selection of cable television services from Digital to High Definition programming to VOD (Video on Demand) as well as High Speed Broadband Internet & Digital Phone services. Today the telecommunications utility serves approximately 7,000 cable television subscribers, 5,800 high-speed internet subscribers and 1,200 Digital Phone subscribers with annual revenues of approximately $10 million dollars.

Wyandotte Municipal Services telecommunications system offers competitive programming selections, various residential and business internet packages, and residential and business digital phone service with unlimited local & long distance calling, all with state of the art technology and outstanding customer service.

The utility contributes five percent of its gross revenue to the city’s general fund and supports a cable television studio where public access, local access and government programming is produced. In 1998 the municipal telecommunications system was completely rebuilt and consists of 25 linear miles of fiber-optic lines and 72 miles of coaxial cable. A new telecommunications headend was built during the same period with state of the art equipment.

Via the new HFC (Hybrid-Fiber Co-Ax) cable infrastructure, the bandwidth was expanded to 750 Mhz allowing for full service telecommunications service offerings. Technology and advanced equipment upgrades are continually being implemented. In 2014/2015 Wyandotte Cable continued upgrading its systems by eliminating analog services and converting to the preferred all digital technology formats. This will allow the addition of many more HD (High Definition) channels, launch online access to video programming services and the ability to upgrade internet speeds as well as offer premium tiers of internet service. Look for those upgrades to become available later this year.

CHECK OUT OUR WEBSITE WWW.WYANDOTTECABLE.COM
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Wyandotte Municipal Services urges you to call us anytime you have questions and/or concerns about your telecommunications service. Our goal is to provide the highest quality service possible and to promptly resolve any service issue you may experience. You may also search “Help and Tips” on our website, www.wyandottecable.com or email us at talk2wms@wyan.org.
The technical specialists of Wyandotte Cable work tirelessly to deliver the best internet, phone & cable possible. From the headend where satellite signals are received and decoded, to the fiber lines that run out into all Wyandotte neighborhoods, right down the pole and into your home, Wyandotte Cable’s team is on the job to ensure that every link in this complex system is in top working order.

Wyandotte Cable also has a strong emphasis on continual training. All of our service technicians come to the job with a high degree of knowledge in the cable television field, but we don’t stop there. All of our Service Technicians are enrolled in the NCTI Master Technician Program and also regularly advance to higher levels of SCTE Certification. The ultimate goal is the best cable system we can offer to our customers.
The City of Wyandotte Water Department began monitoring for twenty-eight unregulated contaminants in 2014. The following tables list the unregulated contaminant, it considers adverse health effects, the occurrence of the contaminant in drinking water, and whether the regulation would reduce health risk.

### Table: 2014 Unregulated Contaminants - Monitored in the Distribution System

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Limits</th>
<th>Recovery</th>
<th>Results</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorodifluoromethane</td>
<td>ND</td>
<td></td>
<td>0.000</td>
<td>Ug/L</td>
</tr>
<tr>
<td>Trichloropropane</td>
<td>ND</td>
<td></td>
<td>0.000</td>
<td>Ug/L</td>
</tr>
<tr>
<td>Radioactive</td>
<td></td>
<td></td>
<td>0.000</td>
<td></td>
</tr>
<tr>
<td>Microbial</td>
<td></td>
<td></td>
<td>0.000</td>
<td></td>
</tr>
<tr>
<td>Contaminants</td>
<td></td>
<td></td>
<td>0.000</td>
<td></td>
</tr>
</tbody>
</table>

The State of Michigan performs an assessment of our source water in 2004 to determine the susceptibility or vulnerability of our source to contamination.

Sources of drinking water include: rivers, lakes, streams, ponds, reservoirs, springs, and wells. Our water comes from the Detroit River. The State performed an assessment of our source water in 2004 to determine the susceptibility or vulnerability of our source to contamination.

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 Safe Drinking Water Hotline or at [www.epa.gov/safewater/health-effects](http://www.epa.gov/safewater/health-effects).

To lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the State. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have AIDS, or persons with immune systems otherwise impaired, should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to minimize exposure is available from the Safe Drinking Water Hotline or at [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

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, including testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

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. Information about lead:

As part of our continuing mission to facilitate the production of television by, for and about the community, the Wyandotte Cable Studio has upgraded to HD cameras and equipment. All Wyandotte residents are eligible to produce their own Public Access TV programs after taking a free studio production workshop. The only practical restriction as to what a Public Access program can be about is that it be non-commercial in nature. For more information on Wyandotte Cable Community Programming or studio production workshops please call 734-324-7136.
Save a Watt in Wyandotte Energy Smart Program Overview

The Energy Optimization (EO) programs as mandated by the State of Michigan’s 2008 Public Act 295 (PA 295) SEC. 71. (3)(i), is implemented on an annual calendar year basis and consists of many different programs.

The Wyandotte Municipal Services offered a variety of residential, commercial and industrial EO programs. Below briefly describes the programs that have been offered. (Many programs will continue to be offered this year, please call the WMS Energy Advisor for details, 734.324.7166)

Residential Programs

**Efficient Lighting Program**: This program promotes the installation of ENERGY STAR fixtures, compact fluorescent light bulbs (CFLs), ceiling fan lights, and LED lighting.

**Refrigerator/Freezer Turn-In Program**: This program provides a rebate of $60 to encourage customers to dispose of “second” refrigerators and the accelerated retirement of older, inefficient “primary” refrigerators and freezers. The program offers turnkey pick up and recycling services thru JACO, call 877.270.3519 or schedule online at https://www.jacoinc.net/

**High-Efficiency Appliances/ High-Efficiency HVAC Rebate Program**: This program provides rebates to customers to encourage them to replace their older, inefficient appliances and room air-conditioners with high-efficiency ENERGY STAR qualified units. This program also promotes heating and cooling technologies that can reduce electric energy use. The program focuses on the promotion of high-efficiency central air-conditioning and premium efficiency furnaces that have high-efficiency motors (electrically commutated motors – ECMs). ECM motors save electric energy during the heating and cooling seasons.

**Low Income Services Program**: This program provides funding to upgrade the energy efficiency of customers living on limited incomes by subsidizing the installation of cost effective electric measures. Refrigerator program provides low income households with a $685 credit towards a new Energy Star compliant refrigerator.

**Education Services**: This program provides informative and actionable educational materials to residential customers that communicate to and educate customers on the benefits of energy efficiency and conservation. Such materials include brochures, fact sheets, workshops and web sites updates.

For more information, visit www.wyan.org and do a search for “residential rebates”

Commercial and Industrial Programs

**Incentive Program**: This program affects the purchase and installation of high-efficiency electric technologies in the commercial and industrial sectors. Business customers can apply for incentives averaging 20% to 40% of the incremental cost of purchasing qualifying technologies. This program also helps customers identify more complex energy savings projects, analyze the economics of each project and complete a customized incentive application.
**Small Business Direct Install Program:** The small business direct install program is designed to offer free energy efficient products to small businesses with lower annual kWh usage. We offer free installation of CFL’s, pre-rinse sprayers, and programmable thermostats. We market the program by sending out letters to customers encouraging them to contact us to schedule an appointment for installation. We also canvas the area going door to door to inform customers of the program and offer on the spot appointment confirmation.

**Business Education Services Program:** This program provides informative materials and training opportunities to educate business customers on the benefits of energy efficiency and conservation. Such materials include brochures, fact sheets, case studies, website updates, and training seminars.

**Pilot/Emerging Technology Program:** C&I pilot programs pursue new initiatives, such as day lighting, promotion of LED lighting technology in commercial applications, retro-commissioning, GSHP Geothermal Energy systems, etc..

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**Energy Audit Program – Don’t Miss Out…**

Did you know 60% of the existing homes in the US are not properly insulated? Get your FREE home energy audit today to find out where you could add insulation or other energy saving measures, save energy and lower your energy bills! Free audit, rebates and financing are still available – first come, first served.

Schedule online today...
https://saveawattwyandotte.com/
or call 1.855.674.9926.

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**Wyandotte Integrated Energy Strategy II (WIRES II) Grant**

Back in 2006 and 2008 Wyandotte Municipal Services received two earmark grants for ‘Wind on Brownfields’. After several years of investigation, it was concluded that utility size wind was not possible in Wyandotte (please see the Wind page on the website for details). The grants were thought to be lost until the end of 2012 when new DOE project management was assigned to our account and have proceeded to work with WMS to redevelop the scope of the project and allow a much broader use of these funds. The new grant is called Wyandotte Integrated Energy Strategy II (WIRES II) and the new project scope will include the following:

- **Task 1** is the evaluation and installation of energy-efficient and low-maintenance LED streetlights and stadium lights in prominent downtown areas, major thoroughfares, and parks to create significant energy and labor savings.
- **Task 2** is the planning and installation of micro-wind turbine demonstration sites.
- **Task 3** is the evaluation, engineering, plan development, and installation of a geothermal infrastructure to support an expanding district energy system in Wyandotte.
- **Task 4** is the installation of Electric Vehicle Charging Stations at prominent community locations including the area of Henry Ford Wyandotte Hospital, Yack Arena or other local businesses in order to provide high visibility of the renewable projects and their benefits.
- **Task 5** is the Renewable Energy Job Training Program and the School & Public Outreach Program, which will use the technology deployments to gain support and participation of local businesses and homeowners for deployment of energy efficiency and renewable energy technologies. Wyandotte will seek to create a training program in partnership with the Wyandotte School System and an education/business training consultant. This program will teach Wyandotte residents, WMS employees, and elementary through high school and community college students, the skills they need to understand energy efficiency and renewable energy technologies. Skill sets will include engineering fundamentals (math, physics and general science), evaluation, planning, design, installation and maintenance of systems.

WMS is hoping to begin the transformation of the community to a clean energy future through the education and understanding of renewable and energy efficiency technologies.
To: Wyandotte Residents