



CASCADE CHARTER TOWNSHIP

2865 Thornhills SE Grand Rapids, Michigan 49546-7140

NOTICE OF PUBLIC MEETING VIA VIDEO CONFERENCE

In accordance with Executive Order 2020-75, which declares that public bodies subject to the Open Meetings Act can use telephone and/or video conferencing technology to meet and conduct business during the ongoing COVID-19 pandemic, the Cascade Charter Township Board of Trustees will conduct a regular meeting on Wednesday, May 13, 2020 at 7pm utilizing the Zoom video conferencing platform, for the purpose of conducting official business while complying with Executive Order 2020-77 and the Michigan Department of Health and Human Services recommendations designed to help prevent the spread of COVID-19. For up-to-date information regarding the ongoing public health crisis, please visit:

<http://www.Michigan.gov/coronavirus> or <http://www.CDC.gov/coronavirus>

INSTRUCTIONS FOR ACCESS AND PARTICIPATION

Meeting ID: 889 5629 1750

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/88956291750>

iPhone one-tap :

US: +13017158592,,88956291750#

or

+13126266799,,88956291750#

Telephone:

(for higher quality, dial a number based on your current location):

+1 312 626 6799

or +1 929 205 6099

or +1 346 248 7799

or +1 669 900 6833

or +1 253 215 8782

or +1 301 715 8592

International numbers available: <https://us02web.zoom.us/j/88956291750>

Members of the public with disabilities may utilize the Michigan Relay System (7-1-1) to participate in the meeting. If other aids or services are needed for individuals with disabilities please contact the Township Deputy Clerk, Padley Gallagher, at pgallagher@cascadetwp.com or 616-949-1500 at least 24 hours prior to the meeting

PUBLIC PARTICIPATION

Members of the public will be able to listen to and view all discussion by the Township Board and all official materials for this meeting prepared for the Township Board will be included in the meeting packet and available to the public on the Township website www.cascadetwp.com Individuals will be permitted to speak during public comment periods in accordance with the Township Remote Public Meeting Procedure Policy.

If you would like to contact the Cascade Township Board about any matter, on the agenda or otherwise, please do so via email at the addresses below a minimum of 8 hours prior to the meeting. If you wish comments to be read into the public record during the public comment period, you must indicate so and draft communication that can be read in the allotted 3-minute timeframe.

Supervisor Rob Beahan: rbeahan@cascadetwp.com

Clerk Sue Slater: sslater@cascadetwp.com

Treasurer Ken Peirce: kpeirce@cascadetwp.com

Trustee Jim Koessel: jkoessel@cascadetwp.com

Trustee Jack Lewis: jlewis@cascadetwp.com

Trustee Tom McDonald: tmcdonald@cascadetwp.com

Trustee John Shipley: jshipley@cascadetwp.com

Manager Ben Swayze: bswayze@cascadetwp.com

**AGENDA
CASCADE CHARTER TOWNSHIP
REGULAR BOARD MEETING**

Wednesday, May 13, 2020
7:00 P.M.

Expected Meeting Procedures

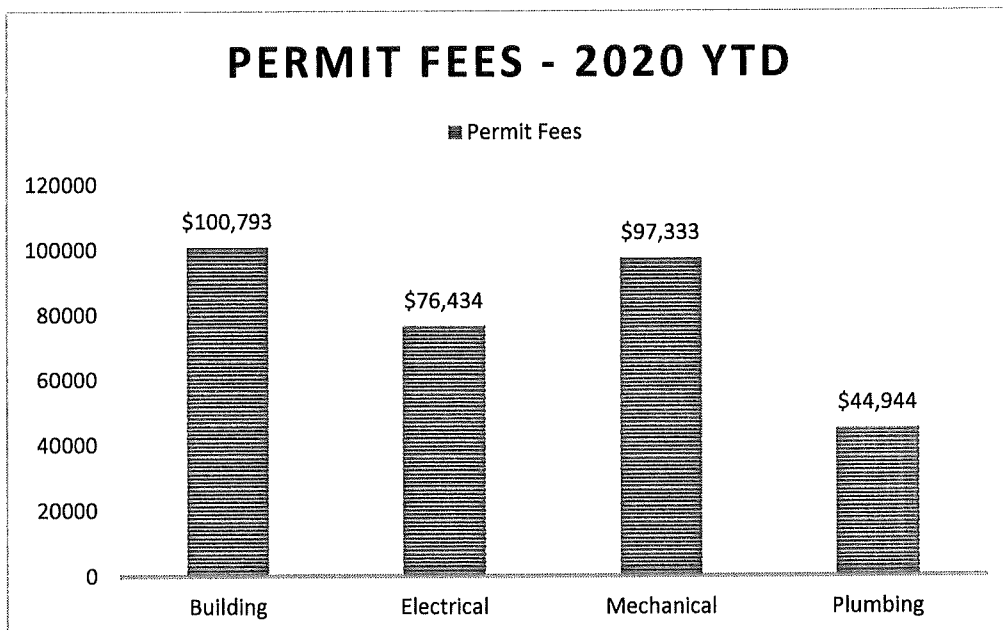
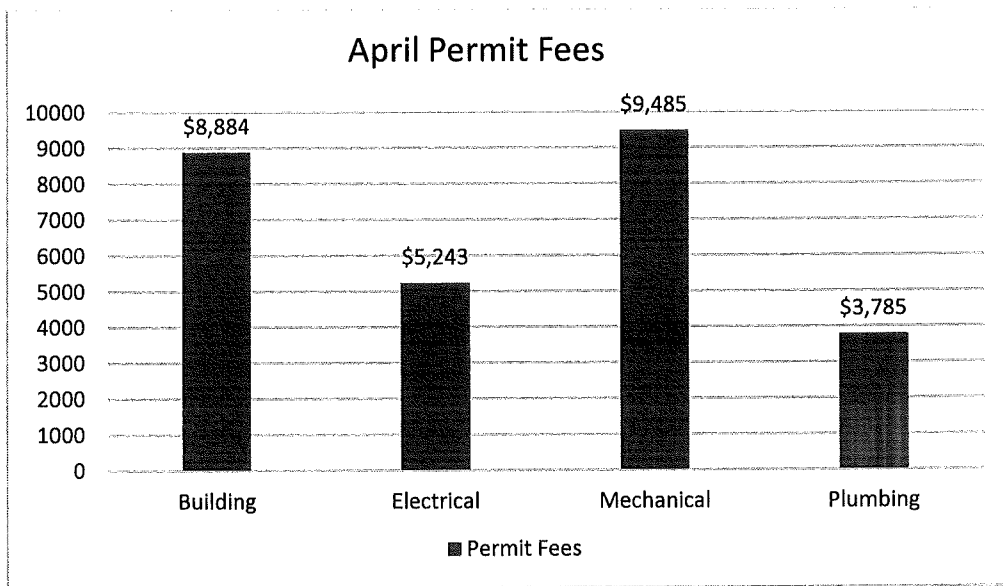
1. During public comments you may speak on any item not noted on the agenda for a public hearing.
2. Please limit comments to 3 minutes per person and the Board may or may not choose to respond.
3. Please limit your comments to a specific issue.
4. Please turn OFF cellular phones.

- Article 1. Call to Order, Roll Call**
- Article 2. Pledge of Allegiance to the Flag**
- Article 3. Approval of Agenda**
- Article 4. Presentations**
- Article 5. Public Comments-Anything on the Agenda not scheduled for a public hearing. (limit comments to 3 minutes)**
- Article 6. Approval of Consent Agenda**
- a. Receive and File Reports
 1. Inspectors Report – April 2020
 2. 2019 Water Quality Report
 - b. Receive and file Communications
 1. Kent District Library
- Article 7. Financial Actions**
- Article 8. Unfinished Business**
- Article 9. New Business**
- 018-2020 Consider Approval of Ordinance to Enact Moratorium for Certain Required Water and/or Sewer Connections in Cascade Township. (roll call)**
- a. Public Hearing to Consider Approval of Ordinance to Enact Moratorium for Certain Required Water and/or Sewer Connections in Cascade Township. (roll call)
 - b. Consider Approval of Ordinance to Enact Moratorium for Certain Required Water and/or Sewer Connections in Cascade Township. (roll call)
- Article 11. Public Comments – Any comments...whether it is on the Agenda or not. (limit comments to 3 minutes)**
- Article 12. Manager Comments**
- Article 13. Board Member Comments**
- Article 14. Adjournment**

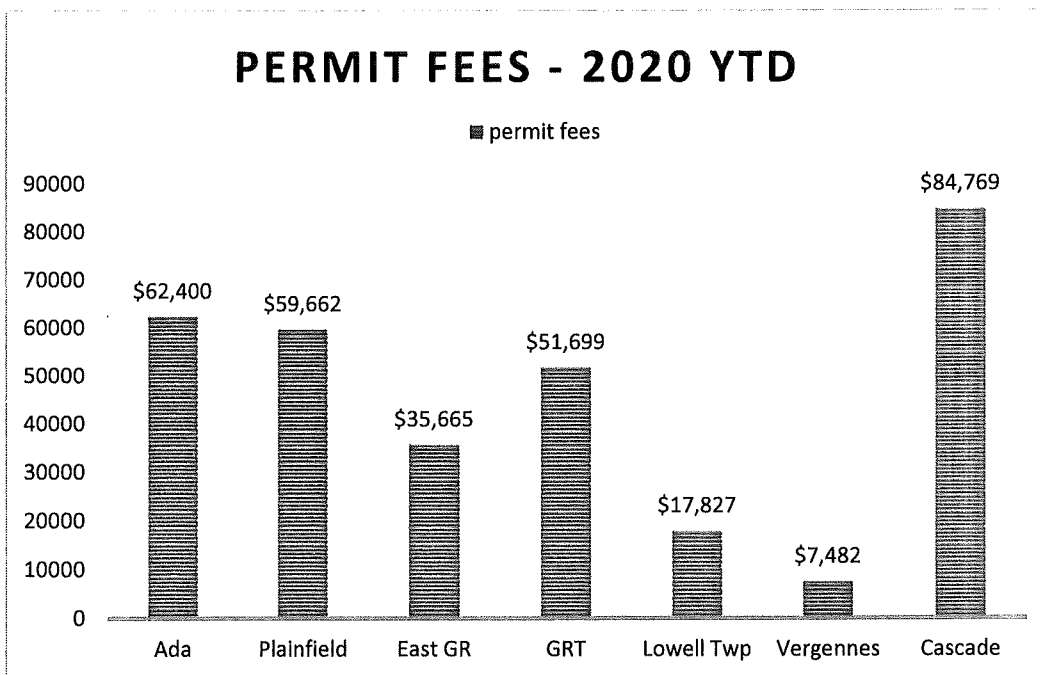
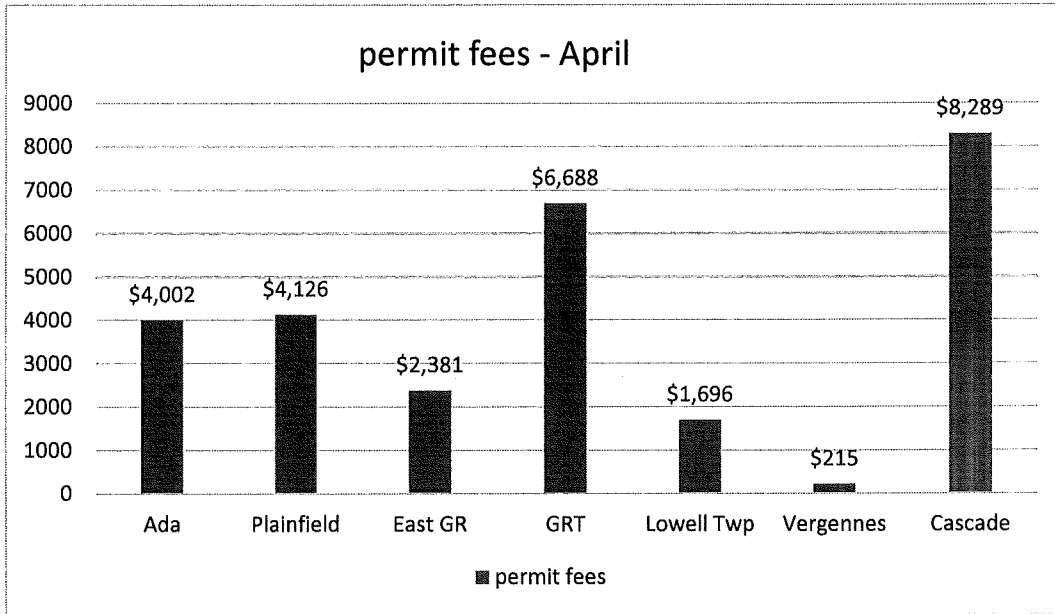
Cascade Inspection Services

April 2020

Permit Fees by Type



Permit Fees by Municipality



| Township | #of Per Building | #of Per Electrical | # of Per Mechanical | # of Per Plumbing | Total Permits | Total Fees | | | | |
|--------------------|------------------|--------------------|---------------------|--------------------|---------------|--------------------|-----------|--------------------|------------|--------------------|
| PREV YTD TOTAL | 257 | \$91,909.00 | 428 | \$71,191.00 | 740 | \$87,848.00 | 327 | \$41,159.00 | 1752 | \$292,107.00 |
| APRIL | | | | | | | | | | |
| Cascade | 8 | \$3,710.00 | 9 | \$1,054.00 | 23 | \$2,660.00 | 14 | \$865.00 | 54 | \$8,289.00 |
| Lowell Twp | 2 | \$1,078.00 | 3 | \$173.00 | 5 | \$445.00 | | | 10 | \$1,696.00 |
| Ada | 3 | \$315.00 | 7 | \$1,568.00 | 16 | \$1,515.00 | 7 | \$604.00 | 33 | \$4,002.00 |
| Vergennes | | | | | 2 | \$160.00 | 1 | \$55.00 | 3 | \$215.00 |
| GR Twp | 6 | \$2,536.00 | 5 | \$934.00 | 23 | \$2,129.50 | 15 | \$1,088.00 | 49 | \$6,687.50 |
| EGR | 10 | \$1,245.00 | 3 | \$168.00 | 9 | \$690.00 | 5 | \$278.00 | 27 | \$2,381.00 |
| Plainfield | | | 11 | \$1,346.00 | 17 | \$1,885.00 | 9 | \$895.00 | 37 | \$4,126.00 |
| | | | | | 0 | | | | | \$0.00 |
| MONTH TOTAL | 29 | \$ 8,884.00 | 38 | \$ 5,243.00 | 95 | \$ 9,484.50 | 51 | \$ 3,785.00 | 213 | \$27,396.50 |

| | | | | | | | | | | |
|-------------|-------|---------------|-------|---------------|-------|---------------|------|---------------|-------|-----------------|
| 2020 YTD | 286 | \$ 100,793.00 | 466 | \$ 76,434.00 | 835 | \$ 97,332.50 | 378 | \$ 44,944.00 | 1965 | \$ 319,503.50 |
| TOTAL -2019 | 1675 | \$ 631,143.50 | 2288 | \$ 347,205.00 | 3478 | \$ 406,781.95 | 1469 | \$ 206,608.00 | 8910 | \$ 1,591,688.45 |
| TOTAL -2018 | 1705 | \$ 920,876.00 | 2116 | \$ 380,754.00 | 3585 | \$ 456,603.00 | 1654 | \$ 238,664.00 | 9060 | \$ 1,996,897.00 |
| TOTAL-2017 | 1758 | \$ 753,389.00 | 2210 | \$ 376,979.00 | 3273 | \$ 412,867.25 | 1485 | \$ 219,324.00 | 8726 | \$ 1,762,559.25 |
| TOTAL-2016 | 1475 | \$529,552.24 | 1992 | \$310,463.00 | 3217 | \$383,718.00 | 1404 | \$190,762.00 | 8088 | \$ 1,414,495.24 |
| TOTAL-2015 | 1510 | \$ 665,025.51 | 1948 | \$ 327,865.00 | 3070 | \$ 385,822.30 | 1361 | \$ 216,089.00 | 7889 | \$ 1,594,801.81 |
| TOTAL-2014 | 1354 | \$ 615,191.80 | 1780 | \$ 297,971.00 | 2860 | \$ 359,989.90 | 1257 | \$ 196,553.00 | 7251 | \$ 1,469,705.70 |
| TOTAL-2013 | 1241 | \$644,712.00 | 1667 | \$288,442.06 | 2583 | \$334,045.70 | 969 | \$142,474.00 | 6460 | \$ 1,409,673.76 |
| TOTAL-2012 | 1,122 | \$511,272.00 | 1,349 | \$188,766.99 | 2,134 | \$247,625.30 | 835 | \$118,335.00 | 5,440 | \$ 1,065,999.29 |
| TOTAL-2011 | 949 | \$410,550.75 | 990 | \$148,549.50 | 1585 | \$189,180.10 | 753 | \$111,023.00 | 4277 | \$ 859,303.35 |
| TOTAL-2010 | 850 | \$309,779.00 | 1330 | \$162,994.00 | 1644 | \$188,927.25 | 625 | \$94,790.00 | 4449 | \$ 756,490.25 |
| TOTAL-2009 | 712 | \$222,039.00 | 875 | \$125,848.00 | 1313 | \$149,101.75 | 554 | \$74,397.00 | 3463 | \$ 571,382.75 |
| TOTAL-2008 | 848 | \$582,100.75 | 1043 | \$147,674.00 | 1348 | \$164,271.30 | 697 | \$91,695.00 | 3933 | \$ 951,266.55 |
| TOTAL-2007 | 1032 | \$336,749.55 | 1069 | \$137,857.00 | 1447 | \$151,002.60 | 778 | \$98,270.00 | 4326 | \$ 723,879.15 |
| TOTAL-2006 | 1181 | \$481,673.30 | 1547 | \$215,121.00 | 2147 | \$243,076.90 | 1243 | \$162,020.00 | 5173 | \$ 940,523.41 |
| TOTAL-2005 | 1032 | \$419,355.30 | 1369 | \$191,694.00 | 1874 | \$211,234.15 | 1111 | \$144,926.00 | 5386 | \$ 967,209.45 |

CASCADE CONSOLIDATED FEES
YEAR 2020

| MONTH | Building | Building | Electrical | Mechanical | Plumbing | TOTAL |
|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Comm. | Residential | | | | |
| JANUARY | \$2,741.00 | \$3,852.00 | \$4,500.00 | \$8,380.50 | \$3,568.00 | \$23,041.50 |
| FEBRUARY | \$16,296.00 | \$6,013.00 | \$5,977.00 | \$6,090.00 | \$3,560.00 | \$37,936.00 |
| MARCH | \$1,468.00 | \$2,711.00 | \$4,133.00 | \$4,420.00 | \$2,770.00 | \$15,502.00 |
| APRIL | \$683.00 | \$3,027.00 | \$1,054.00 | \$2,660.00 | \$865.00 | \$8,289.00 |
| MAY | | | | | | |
| JUNE | | | | | | |
| JULY | | | | | | |
| AUGUST | | | | | | |
| SEPTEMBER | | | | | | |
| OCTOBER | | | | | | |
| NOVEMBER | | | | | | |
| DECEMBER | | | | | | |
| YEAR END TOTAL | \$21,188.00 | \$15,603.00 | \$15,664.00 | \$21,550.50 | \$10,763.00 | \$84,768.50 |
| PERMIT # FOR MONTH | 2 | 6 | 9 | 23 | 14 | 54 |
| PREV PERMIT TOTAL | 25 | 56 | 99 | 172 | 91 | 443 |
| PERMIT TOTAL FOR YR | 27 | 62 | 108 | 195 | 105 | 497 |
| YEAR TO DATE | 2020 | \$84,768.50 | | | | |
| YEAR TO DATE | 2019 | \$99,588.00 | | | | |
| UNDER | \$14,819.50 | | | | | |

CASCADE SINGLE FAMILY HOMES

| | APRIL | YTD 2020 | 2019 | 2018 | 2017 |
|-----------------------|-----------------|-----------------|------------------|------------------|------------------|
| Number of Permits | | | | | |
| New Residential Homes | 1 | 4 | 38 | 43 | 57 |
| VALUE - RESIDENTIAL | \$ 1,899,462.00 | \$ 4,367,272.00 | \$ 18,187,545.00 | \$ 28,327,352.00 | \$ 32,980,308.00 |

Printed: 05/05/2020

Cascade Twp -Permit Report by Category/ Fe

4/1/2020 12:00:00 to 4/30/2020 12:00:00

| Permit | Applicant | Address | Issue Date | Project Value | Permit Fee |
|--------------------|------------------------|--------------------|------------|------------------|--------------|
| Res. Single Family | | | | | |
| PB20000294 | YEARACK RYAN MICI-7775 | SUDBURY LN SE | 04/23/2020 | 1,899,462 | 2,290.00 |
| | | | | 1,899,462 | 2,290.00 |
| 1 | Permits | Value Total | | 1,899,462 | 2,290 |

The City of Grand Rapids Water System



2019 WATER QUALITY REPORT

Attention: This report will not be mailed to you. If you want a paper copy, please call our Customer Service at 311 or 616.456.3000.

Atención: Este reporte no será enviado por correo. Para tener una copia enviada a usted, por favor de llamar la línea de servicio al cliente al 311 o 616.456.3000.

Do I need to take special precautions?

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 may seek advice about drinking water from their health care providers. The Environmental Protection Agency (EPA)/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline 800.426.4791.

Additional Information for 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 City of Grand Rapids 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 drinking 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 800.426.4791 or at <http://www.epa.gov/safewater/lead>

The City of Grand Rapids Water System has a total of 81,248 service lines. There are 24,635 known lead or presumed lead service lines.

Is my water safe?

Yes. The City of Grand Rapids meets or exceeds all of the requirements of the Safe Drinking Water Act (SDWA). We are pleased to present the 2019 Water Quality Report (Consumer Confidence Report) as required by the SDWA. This report is designed to provide details about where your water comes from, what it contains and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because we care about you and want you to be informed about the water you drink.

Where does my drinking water come from?

Lake Michigan, a surface water source, is the sole source of water treated for the Grand Rapids Water System.

Source Water Assessment

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) completed a Source Water Assessment for the City of Grand Rapids water supply in 2003. This report found that our water supply has a moderately high susceptibility to contaminants. Source water contamination is not likely to occur if potential contaminants are properly used and managed. The Grand Rapids Water Treatment Plant routinely and continuously monitors the water for a variety of chemicals to ensure safe drinking water. The Grand Rapids Water System continues to be involved in and supports watershed protection efforts.

This report is available. For a copy, please call our Customer Service at 311 or 616.456.3000.

How can I get involved?

Call Customer Service at 311 or 616.456.3000.

Take a Lake Michigan Filtration Plant Tour!

We encourage you to tour our treatment plant located on Lake Michigan Drive between Holland and Grand Haven. You can take a walking tour of the facility to learn more about the people and processes that diligently safeguard your water supply. To schedule a tour, please call 311 or 616.456.3000.



Why are there contaminants in my drinking 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. The sources of drinking water, both tap water 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. Contaminants that may be present in source water include all of the following:

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 stormwater 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, urban stormwater runoff, and residential uses.

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.

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

To ensure that tap water is safe to drink, Environmental Protection Agency (EPA) prescribes regulations that limit the amount of certain contaminants in water provided by public water supplies. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health. More information about contaminants and potential health effects can be obtained by calling the United States EPA's Safe Drinking Water Hotline 800.426.4791.

For more information please contact:

City of Grand Rapids Customer Service
300 Monroe Ave NW
Grand Rapids, MI 49503
Phone: 311 or 616.456.3000
Email: water@grcity.us

To obtain a copy of this report, please call Customer Service at 311 or 616.456.3000.



To ensure tap water is safe to drink, the EPA has regulations that limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report, unless otherwise noted. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. 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 this table, you may find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions.



Important Drinking Water Definitions & Units

90th Percentile:
The minimum level of contamination found in the highest 10 percent of samples collected.

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

MCL (Maximum Contaminant Level):
The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

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

MNR: Monitored Not Regulated

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

MRDLG (Maximum Residual Disinfectant Level Goal):
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 disinfection to control microbial contaminants.

NTU (Nephelometric Turbidity Units):
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.

NA: Not applicable

ND: Not detected

NR: Monitoring not required but recommended

ppm (parts per million): Number of milligrams of substance in one liter of water (mg/L)

ppb (parts per billion): Number of micrograms of substance in one liter of water (µg/L)

ppt (parts per trillion): Number of nanograms of substance in one liter of water (ng/L)

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

Note: The data table contains the highest annual test results for all required and voluntary monitoring of regulated substances. The Grand Rapids Water System monitors many regulated and unregulated substances more frequently than required and, as a consequence, these results are included in the table. In addition to the test results listed in the table, we analyzed the water for 108 different contaminants/chemicals in 2019; none of which were found at detectable levels.

| Contaminants | MCLG or MRDLG | MCL, TT, or MRDL | Detected In Your Water | Range | | Sample Date | Violation | Typical Source |
|---|---------------|------------------|-----------------------------|-------|-------|-------------|------------------------|--|
| | | | | Low | High | | | |
| Disinfectants & Disinfection By-Products | | | | | | | | |
| There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants. | | | | | | | | |
| Chlorine [as Cl ₂] (ppm) | 4 | 4 | 1.02 | ND | 1.69 | 2019 | No | Water additive used to control microbes |
| Haloacetic Acids Group [HAA5] (ppb) | NA | 60 | 38 | 11.5 | 51.1 | 2019 | No | By-product of drinking water chlorination |
| Total Trihalomethanes [THM5] (ppb) | NA | 80 | 64 | 22.3 | 75.5 | 2019 | No | By-product of drinking water chlorination |
| Inorganic Contaminants | | | | | | | | |
| Barium (ppm) | 2 | 2 | 0.019 | NA | NA | 2018 | No | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| Fluoride (ppm) | 4 | 4 | 0.63 | NA | NA | 2019 | No | Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories |
| Nitrate [as Nitrogen] (ppm) | 10 | 10 | 0.4 | NA | NA | 2019 | No | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| Sodium (ppm) | NA | NA | 11 | NA | NA | 2019 | No | Erosion of natural deposits |
| Unregulated Contaminants | | | | | | | | |
| Information collected through the monitoring of these contaminants/chemicals will help to ensure that future decisions on drinking water standards are based on sound science. | | | | | | | | |
| Brominated Haloacetic Acids Group [HAA6Br] (ppb) | NA | MNR | 11.6 | 6.08 | 17.63 | 2019 | No | By-product of drinking water chlorination |
| Chlorate (ppb) | NA | MNR | 104 | ND | 130 | 2015 | No | Runoff from agricultural use; disinfection by-product |
| Chromium [total chromium] (ppb) | 100 | 100 | 0.28 | 0.21 | 0.35 | 2015 | No | Discharge from steel and pulp mills; erosion of natural deposits |
| Chromium-6 [hexavalent chromium] (ppb) | NA | MNR | 0.21 | 0.17 | 0.25 | 2015 | No | Erosion of natural deposits; industrial contaminant |
| Manganese (ppb) | NA | MNR | 0.446 | ND | 0.446 | 2019 | No | Naturally-occurring element; used in steel production, fertilizer, batteries and fireworks; essential nutrient |
| Molybdenum (ppb) | NA | MNR | 1.1 | ND | 1.2 | 2015 | No | Erosion of natural deposits; industrial contaminant |
| Haloacetic Acids Group [HAA9] (ppb) | NA | MNR | 41.47 | 19.22 | 77.73 | 2019 | No | By-product of drinking water chlorination |
| Strontium (ppb) | NA | MNR | 122 | 120 | 130 | 2015 | No | Erosion of natural deposits; industrial contaminant |
| Vanadium (ppb) | NA | MNR | 0.28 | 0.25 | 0.32 | 2015 | No | Erosion of natural deposits; industrial contaminant |
| Microbiological Contaminants | | | | | | | | |
| Turbidity (NTU) | NA | 0.3 | 100% | NA | NA | 2019 | No | Soil runoff |
| 100% of the samples were below the TT value of 0.3. A value less than 95% constitutes a TT violation. The highest single measurement was 0.142. Any measurement in excess of 1 is a violation unless otherwise approved by the state. | | | | | | | | |
| Contaminants | MCLG | AL | 90 th Percentile | Range | | Sample Date | # Samples Exceeding AL | Typical Source |
| | | | | Low | High | | | |
| Inorganic Contaminants | | | | | | | | |
| Copper [action level at consumer taps] (ppm) | 1.3 | 1.3 | 0 | ND | 0.1 | 2019 | 0 | Corrosion of household plumbing systems; erosion of natural deposits |
| Lead [action level at consumer taps] (ppb) | 0 | 15 | 6 | ND | 12 | 2019 | 0 | Lead service lines, corrosion of household plumbing including fittings and fixtures; erosion of natural deposits |
| These 2019 sample results are from 53 homes selected as the most at risk for lead and copper contamination. | | | | | | | | |
| Contaminants | MCLG or MRDLG | MCL, TT, or MRDL | Detected In Your Water | Range | | Sample Date | Violation | Typical Source |
| | | | | Low | High | | | |
| Voluntary Monitoring | | | | | | | | |
| Information collected through the monitoring of these contaminants/chemicals will help to ensure that future decisions on drinking water standards are based on sound science. | | | | | | | | |
| <i>Cryptosporidium</i> | 0 | TT | ND | NA | NA | 2019 | NR | Contaminated rivers and lakes |
| <i>Giardia lamblia</i> | 0 | TT | ND | NA | NA | 2019 | NR | Contaminated rivers and lakes |
| Perfluorooctanoic Acid + Perfluorooctane Sulfonic Acid [PFOA + PFOS] (ppt) | NA | NA | 2.0 | ND | 2.0 | 2019 | NR | Synthetic chemical not naturally found in the environment |
| Total Tested Per- and Polyfluoroalkyl Compounds [PFAS] (ppt) | NA | NA | 4.0 | ND | 6.0 | 2019 | NR | Synthetic chemical not naturally found in the environment |
| The EPA has set a Lifetime Health Advisory level of 70 ppt in drinking water for separate or combined PFOA and PFOS. | | | | | | | | |



April 21, 2020

Dear friends,

I hope that you and the people in your life are well. Since closing to the public on March 13, Kent District Library has shifted and transformed on many levels to meet rapidly changing needs. This has come out of a sense of duty and a commitment to service for the community. I am writing to provide highlights of what we've been up to and how we are planning to reopen the library.

In direct response to the "Stay Safe, Stay Home" order, we've quickly shifted to an online model of serving individuals in the community with KDL staff working from their homes. This includes:

- Conducting more than 150 online programs in March and April (so far) with attendance of more than 20,000 (if we assume that online storytimes are watched by a parent and at least one child, the number is probably greater than 30,000).
- Developing a system-wide schedule of online programs through the end of August. These replace the live, in-person programs that normally take place at the branch locations.
- Restructuring KDL Summer Wonder (previously known as "Summer Reading") to be comprised of activities that can be completed at home and online. This includes creating an all-ages workbook that has a strong focus on science, technology, engineering, art and mathematics (STEAM) for school-age children. Summer library activities have always played a significant role in helping offset the summer slide that takes place when school is not in session, and the need for summer library activities have never been greater than they are now.
- The KDL Seed Library, normally an in-branch resource, has delivered thousands of seed packs throughout Kent County by taking orders online, then mailing them to residents' homes. We are also partnering with HOPE Gardens to send seeds and educational information to students.
- Conducting Spanish storytimes via Zoom with displaced youth at Bethany Christian Services.
- Ordering 200 more Wi-Fi hotspots to provide to homes without internet access.
- Serving a 22 percent increase in eBook circulation, and 52 percent increase in use of databases and other online services in the month of March.

In addition, we're continuing to work on several projects that started before the closing. These include:

- Implementation of OverDrive for eBooks and audiobooks.
- Development of a new website, which will be launched in October. The new website will provide a more integrated online experience for users with improved mobile access.
- Implementation of a new staffing model that enables staff to dedicate a greater focus to patron service and outreach in the community (schools, senior centers, etc.).
- Professional development for library staff, with training on new technology and project management skills, to improve efficiency and effectiveness of operations.
- Gathering user input as our 2021 strategic planning has moved into the stakeholder feedback phase. Surveys have been conducted with individuals in the service area and community partners (schools, municipalities, social service organizations, etc.).

Information  Ideas  Excitement 

KDL is also planning for the eventual reopening of the library. Once the “Stay Safe, Stay Home” order has been lifted or revised, we will make final decisions on how to safely open the branches to the public. Given what we know now, the most likely phases for reopening include:

1. KDL staff returning to the library, while our branches remain temporarily closed to the public. During this time, staff will prepare the facilities and resources.
2. Next, staff will begin to provide curbside service for pickup and return of items.
3. After it’s been determined that the public can visit the library, KDL branches will be reopen while employing new short-term policies and practices to help with social distancing, such as limiting the number of people allowed in the buildings at one time, increasing spacing between public computers and temporarily removing certain items like play-space toys and other items that are frequently handled and difficult to sanitize. These changes may result in a visitor queue outside of the library, and staff schedules being shifted to process returned items during closed hours.

All of these plans and activities are subject to change, depending on new guidelines from government and health officials, but it’s the basic framework for reopening the library to the public.

We are grateful to have partners like you, enabling the library to continue to provide great value to the community, even in the most challenging times. I would appreciate the opportunity to learn more about what challenges you may face and how Kent District Library may help.

Sincerely,

A handwritten signature in black ink, appearing to read "Lance Werner", with a long horizontal flourish extending to the right.

Lance Werner
Executive Director



CASCADE CHARTER TOWNSHIP

2865 Thornhills SE Grand Rapids, Michigan 49546-7140

Date: May 13, 2020
To: Supervisor Beahan and Cascade Township Board
From: Benjamin Swayze, Township Manager
Subject: Ordinance to Enact Moratorium for Certain Required Water and/or Sewer Connections in Cascade Township

FACTS:

In 2019 Cascade Township adopted an update to the Water and Sewer connection ordinances. At that time the ordinances were modified to require connection to the water or sewer public system within 90 days of the sale/purchase of a home if that home was located within 300 feet of a public utility. In conjunction with this requirement, the Township negotiated significantly reduced connection fees with the City of Grand Rapids and eliminated approximately \$3.2 million dollars in future connection charges that would have been payable to Cascade Township. This was done to accelerate connections to the public utility system in order “complete” the system and ensure economic and operational viability of the system.

Cascade Charter Township, like the rest of the state, country and world, is currently experiencing the effects of the Covid-19 pandemic. While the pandemic has changed many aspects of our daily lives, the long-term effect is largely unknown. However, it is expected that the economy will be severely impacted long after the pandemic is over.

With many Cascade residents likely impacted by the economic effects of the pandemic, the Township board may want to consider a moratorium on the water and sewer connection requirement upon the sale of a house. By enacting a moratorium, residents and prospective residents will be able to consider a housing transaction without the additional economic burden of a required water and/or sewer connection during an economic recession.

At the last regularly scheduled Township Board meeting, the Township Board authorized a public hearing to be held on May 13th at the regularly scheduled Township Board meeting to accept public comment on the proposed ordinance.

Attached for your review are:

- Proposed Ordinance to Impose a Moratorium on Water System Connections at Time of Sale
- Proposed Ordinance to Impose a Moratorium on Sewer System Connections at Time of Sale

ANALYSIS & CONCLUSIONS:

The proposed connection moratoriums would be effective 7 days after the publication of the ordinance and would expire on June 30, 2021 unless further action was taken by the Board. The moratoriums would only apply to the “connection at sale” clause. If a resident had a failure of their water well or septic system they would still be required to connect.

The Township Board should hold the public hearing for these ordinances during the regular meeting. Once the public hearing has been held, the Township may take action on the proposed ordinance, at that meeting or any subsequent meeting.

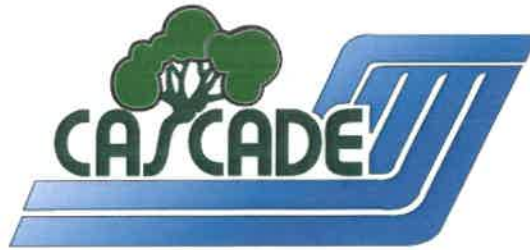
If approved the Township will relay the information to the public utilizing a multi-pronged approach, including general communication through our website and social media pages, targeted communication to local real estate professionals and direct communication with affected residents.

FINANCIAL CONSIDERATIONS:

Other than staff time and publication costs there are no financial considerations in setting the public hearing. The Township may experience “lost” revenue if a connection that would otherwise be made is not required.

RECOMMENDED ACTION:

To consider approval of the proposed Moratorium for Certain Required Water and/or Sewer Connections in Cascade Township.



**CASCADE CHARTER TOWNSHIP
KENT COUNTY, MICHIGAN**

**NOTICE OF PUBLIC HEARING REGARDING AN AMENDMENT TO
ADD A MORATORIUM TO THE SEWER AND WATER CONNECTION
ORDINANCE**

PLEASE TAKE NOTICE that the Cascade Charter Township Board of Trustees (the "Township Board") will hold a public hearing on Wednesday, May 13 at 7:00 p.m., local time, during their regularly scheduled meeting. This meeting will be held remotely in accordance with Governor's Executive Order 2020-75. Details and how to connect to the meeting will be posted on the Township website (www.cascadetwp.com) a minimum of 48 hours before the meeting. The hearing is to consider public opinion and comment on a plan to amend the sewers and water ordinance.

**AN ORDINANCE TO ADD NEW SUBSECTION E TO
SECTION 313-83 TO IMPOSE A MORATORIUM ON
SUBSECTION 313-83 C(2)**

**AN ORDINANCE TO ADD NEW SUBSECTION E TO
SECTION 313-78 TO IMPOSE A MORATORIUM ON
SUBSECTION 313-78 C(2)**

The purpose of the ordinance is to enact a moratorium on the requirement to connect to the public water and/or sewer system upon the sale of a home where public water and/or sewer is available.

The Township Board will also receive and consider written communications from persons wishing to express an opinion on the proposed ordinance amendment. Written comments should be addressed to Benjamin Swayze, Cascade Charter Township, 2865 Thornhills Avenue, S.E., Grand Rapids, Michigan 49546-7192 and should be received no later than May 13, 2020 at 5:00 p.m.. Comments can also be received via e-mail at: bswayze@cascadetwp.com

This notice is given at the direction of the Township Board.

Susan Slater
Township Clerk
Cascade Charter Township

**CASCADE CHARTER TOWNSHIP
KENT COUNTY, MICHIGAN**

ORDINANCE NO. _____

**AN ORDINANCE TO ADD A NEW SUBSECTION E TO SECTION 313-78 TO
IMPOSE A MORATORIUM ON SUBSECTION 313-78 C(2)**

THE CHARTER TOWNSHIP OF CASCADE ORDAINS:

Section 1. Amendment. Section 313-78 of the Cascade Charter Township

Ordinances is amended by adding a new subsection E. to read as follows:

E. Temporary moratorium on application of Section 313-78 C(2) to sales of single family or multifamily residential structures.

(1) Purpose. Cascade Charter Township has determined that adoption of this ordinance on a temporary basis is reasonable and necessary in light of the impact of the pandemic caused by the COVID-19 virus. In order to spur home sales, the Township Board finds it reasonable to suspend the application of Section 313-78 C(2) for a limited period of time.

(2) Effective Moratorium. A moratorium is hereby adopted on the application of Section 313-78 C(2) to the sale of single family or multifamily residential structures from the effective date of this ordinance until June 30, 2021. Any sales of single family or multifamily residential structures which occur during this timeframe do not need to comply with the provisions of Section 313-78 C(2).

(3) Duration of Moratorium. The moratorium adopted by this ordinance shall remain in effect until July 1, 2021, unless sooner terminated by the Township Board. The provisions of Section 313-78 C(2) shall once again be applicable to the sales of single family or multifamily residential structures that are sold on or after July 1, 2021.

Section 2. Effective Date. This Ordinance shall become effective seven (7) days after publication in a newspaper of general circulation in the Township.

The vote to adopt this Ordinance was as follows:

YEAS: _____

NAYS: _____

ABSENT: _____

ORDINANCE DECLARED ADOPTED.

Susan Slater, Cascade Charter Township Clerk

CERTIFICATION

I hereby certify the foregoing to be a true copy of an Ordinance adopted at a regular meeting of the Cascade Charter Township Board on _____, 2020.

Susan Slater, Cascade Charter Township Clerk

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**CASCADE CHARTER TOWNSHIP
KENT COUNTY, MICHIGAN**

**AN ORDINANCE TO ADD A NEW SUBSECTION E TO SECTION 313-83 TO
IMPOSE A MORATORIUM ON SUBSECTION 313-83 C(2)**

ORDINANCE NO. _____

THE CHARTER TOWNSHIP OF CASCADE ORDAINS:

Section 1. Amendment. Section 313-83 of the Cascade Charter Township

Ordinances is amended by adding a new subsection E. to read as follows:

E. Temporary moratorium on application of Section 313-83 C(2) to sales of single family or multifamily residential structures.

(1) Purpose. Cascade Charter Township has determined that adoption of this ordinance on a temporary basis is reasonable and necessary in light of the impact of the pandemic caused by the COVID-19 virus. In order to spur home sales, the Township Board finds it reasonable to suspend the application of Section 313-83 C(2) for a limited period of time.

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The vote to adopt this Ordinance was as follows:

YEAS: _____

NAYS: _____

ABSENT: _____

ORDINANCE DECLARED ADOPTED.

Susan Slater, Cascade Charter Township Clerk

CERTIFICATION

I hereby certify the foregoing to be a true copy of an Ordinance adopted at a regular meeting of the Cascade Charter Township Board on _____, 2020.

Susan Slater, Cascade Charter Township Clerk

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