

City Manager's Office
Status and Information
December 29, 2016



*** *Of Note* ***

Reminder! City Offices are closed Friday, December 30 and Monday, January 2 – Refuse Collection remains on schedule.

Manager's Office

Happy New Year from the City Manager

On behalf of the City Management Team, I would like to wish you all a Happy New Year. Thank you all for your commitment to Public Service and to providing our residents with the highest level of Customer Service.

Community Development

Building Code Enforcement and Rental Housing

On Wednesday, December 28, 2016, two (2) projects received their Certificate of Occupancy and are now ready to open for business, Comfort Inn (Bay City Hospitalities LLC) located at 501 Saginaw Street and Taco Bell (Taco Bell of America LLC) located at 260 Washington Avenue.

Public Works

Streets

The permanent 4-way signal change has been completed at Center & Washington Avenue this week. The temporary stop signs on the right hand side of each direction of travel will remain in place until spring.



Sanitation

This week we have received slightly higher than normal call volumes on refuse collection schedule confusion. Both this week and next are under the normal collection schedule as the legal holidays fall on a Sunday. Regardless of City offices being closed, Sanitation operates on a schedule that is reliant on the landfills being open. The City utilized Facebook to remind residents that refuse collection is on schedule with no delays. Additionally, the refuse collection schedule on the city website calendar and the sanitation homepage reflect that collections are running on schedule. Historically, press releases are sent out well in advance when there will be a collection schedule delay because of a holiday. Given that the schedule was not delayed a press release was not sent out until yesterday to help diffuse confusion and assumptions that we're on a delay. In the future, staff recommends that we continue to only send press releases when an actual delay will occur.

Christmas tree pick up begins January 3rd thru January 17th. Please be sure that the trees are free of any bulbs and lights and cannot be wrapped in plastic. City crews cannot chip trees wrapped in plastic either.

Water Distribution

Certified Water Works Operators: Congratulations to the following DPW/Water Distribution Division employees who successfully passed the Michigan Department of Environmental Quality (MDEQ) certification exam as a Water Works System Operator.

Many hours were spent at home to prepare for the exam, which is a testament to the dedication and commitment of employees. Chad Kuebler received the "S-2" Certification and Chris Zavala received the "S-3" Certification.

A well educated work force is a vital link to protect the Bay City's public drinking water supply. The Water Distribution is proud of their certification level having 13 of 17 employees holding certifications. Five (5) employees hold the S-1 Certification, which is the highest certification, three (3) employees hold S-2 Certification, four (4) employees hold S-3 Certification and one (1) employee holds an S-4 Certification.

Watermain Break History: Watermain breaks occur when pipelines fail requiring an emergency response for pipeline repair by the Water Distribution Department. Causes for pipeline failures include exterior corrosion of the pipes, pressure point failures due to ground movement such as frost heaving, pressure surges from water system pumps or water hammer which is a pipeline surge from closing or opening a valve or fire hydrant to fast. Watermain breaks are typically repaired by installing a stainless steel clamp or "band aid". Extreme watermain breaks may require pipe replacement. An average time to repair a broken watermain is approximately six (6) hours.

Maintaining historical records is an important function to identify watermain replacement projects as capital improvements. Records dating back to 1979 were input into a data base for improved tracking.

In the past 37 years there are 2,024 recorded watermain breaks which average out to 55 watermain breaks per year. Reviewing the charts below the watermain breaks in the last five (5) years have all exceeded the historical 55 per year average with 2012 doubling the per year average. The average for the last five (5) years is 85 breaks per year.

Watermain Break 5 Year Totals

	2012	2013	2014	2015	2016
January	9	8	13	8	14
February	6	12	19	16	10
March	2	6	15	15	3
April	2	2	9	4	6
May	6	0	1	6	4
June	7	2	4	0	6
July	36	10	3	7	14
August	9	3	11	6	10
September	4	1	6	2	8
October	14	1	1	3	5
November	9	6	1	2	1
December	5	15	3	6	7
Total	109	66	86	75	88

Wastewater Treatment Plant

Update on #3 Retention Basin dewatering screw replacement project –



The new dewatering screws arrived two weeks ago and have been installed. The screws will be wired up after the holiday and checked for proper rotation. Staff is still working on a punch list for RCL Construction to finish out the contract.



On December 26th, the plant received 0.25 inches of rain and with the help of melting snow, filled the relief sewers (9.7 million gallons) and put 22 feet (5.5 million gallons) into #5 Retention Treatment Basin. All captured flows were treated at the WWTP and discharged to the Saginaw River by December 28th. There were no Retention Basin overflows.