

City Manager's Office  
Status and Information  
October 28, 2016



\*\*\* *Of Note* \*\*\*

**HOLIDAY OPEN HOUSE  
WEEKEND**

**Friday-Sunday, November 4-6**

**Downtown Bay City**



**Michigan Dept. of Transportation  
M-13/M-84 (Lafayette) Bridge  
Public Information Meeting  
Wednesday, November 9<sup>th</sup>  
4-7 pm (stop in anytime)  
City Hall – Room 317**

**MICHIGAN DEPARTMENT OF TRANSPORTATION**  
**M-13/M-84 (Lafayette Street) Bridge**  
**Bay City**  
**Public Information Meeting Wednesday, Nov. 9, 2016**  
**4 to 7 p.m. (stop in anytime)**  
**301 Washington Ave., Room 317, Bay City**  
View displays, meet with MDOT staff and comment

MDOT is preparing an Environmental Assessment (EA) for the proposed replacement of the M-13/M-84 (Lafayette Street) bridge in Bay City. A 2014 feasibility study determined that the benefits of replacing the bridge outweigh the impacts and cost of repairing the structure as MDOT did in 1987. MDOT's proposal also includes improving the geometrics of the bridge and accommodating nonmotorized traffic. The majority of the improvements would be done within the existing right of way, with a 24-month detour involving M-13 (Euclid Avenue), M-25 (7th Street/Jenny Street/Thomas Street), and M-84 (Washington Avenue).



Prepared by: MDOT Graphic Design Office of Communications/Myers postcards/2016/11-09 M-84 Bay City Bridge EA postcard.indd (2x)

**Manager's Office**

Deputy City Manager, Dana Muscott and Human Resources Director, Mikki Manion attended a Labor & Benefits Panel discussion this week which was hosted by Warner, Norcross & Judd in Midland. The Panel discussed various issues regarding Managing an Evolving Workforce, Attracting and Retaining Millennials and Wage/Hour FLSA Issues.

## Community Development

### Building Code Enforcement and Rental Housing

With the changing of the seasons, staff is wrapping up a successful grass cutting season. Monday, October 31, 2016, will be the last day per ordinance to receive any complaints regarding long grass and/or weeds. For the 2016 season, which runs from May 1, 2016, through October 31, 2016, Weed Enforcement Officer opened approximately 948 cases and ordered 341 of these properties cut due to lack of action by the property owner. From the time that a property was re-inspected and reported to our contractor, grass was being cut within two (2) to three (3) days except for heavy rain periods.

This year a new process was implemented for properties that are consistently noncompliant. An initial letter is sent to the property owner, giving the property owner, ten (10) days to bring the property into compliance. If long grass and/or weeds is observed for a second time, a final notice is sent to the property owner, giving the property owner five (5) days to bring their property into compliance. This notice also advises the property owner that no further notices will be sent and any further violations will be automatically sent to the weed contractor. This process worked very well and will continue for future seasons.

Special thanks to Tom Winters, the Weed Enforcement Officer and Bill Hill and his staff at Hill Side Farm for all of their hard work and dedication to the City of Bay City.

## Electric Department



### Tree Mulching

BCELP tree contractor Alpine Tree Service completed mowing on North Union Road east of Monitor Road using a Fecon Mulcher (pictured). The specialized mulcher is built for clearing brush and removing small trees. The mulcher can clear an area of 100 feet per hour.

Featured below are before and after pictures showing the work on North Union. Work has also been completed on South Euclid Avenue south of Stone Island Road. Other areas being cleared are located along Salzburg Avenue, Monitor and Amelith Road near the I-75 interstate connections.



## Public Safety

On Friday, October 21<sup>st</sup>, Public Safety Director Cecchini participated in the 100 Club of Bay County's sporting clay shoot at Freeland Conservation Club to raise money for the 100 Club. The 100 Club of Bay County provides immediate response to the needs of first responders who are seriously injured or killed in the line of duty; and to provide resources to enhance their safety.



### Fire Operations Division

On Wednesday, October 26<sup>th</sup>, fire suppression personnel at Station 1 gave a morning and an afternoon tour to students of Bay City Head Start. The pre-school kids got to explore the station and fire engines as firefighters talked with them about the industry as well as fire safety.

### Community Policing Unit

On Friday, October 28, 2016, community policing officers participated in the Career Pathways event hosted at Delta College. Career Pathways is designed to give high school students insight into different career fields. Officers were on hand to speak with students about careers in public safety.

## Public Works

### **Parks**

Parks mowing routines will continue through the fall season to mulch fallen leaves. Maintenance typically extends into late November each year; and continues until all leaves have dropped. Mulching has been adopted as a best practice and is a far more efficient process than collecting and disposing of leaves by other means. Shredded leaves quickly decompose and provide soil nutrients as well as a measure of weed control.



A project began this week to trim and remove trees in Oak Ridge Cemetery. The work addresses an ongoing maintenance need that impacts both the attractiveness and safety of the Cemetery. A significant number of dead and declining trees exist that are unsightly and represent a potential hazard to headstones and other features. The project is being undertaken by a private contractor who's performing the aerial work and supported by Parks Division personnel, who are removing and disposing of the forestry spoils.

## ***Water Distribution/Water Metering***

### **Water Metering:**

Providing quality customer service is a primary function of the Water Metering Department. Customer service includes related work orders such as high bill complaints, low pressure, non-payment, customer request for shut/turn on for repair or seasonal shut/turn on, water meter repairs, obtaining special water meter reads and changing larger commercial type water meters and frozen meters.

### **AMI Meter Change**

AMI meter changes are still taking place, but just a little slower. As new owners are taking ownership of vacant houses, crews are able to enter the house and get the water meters upgraded to the new AMI meter. As it stands, we are at about 410 meters left to change with the majority of that number being vacant homes.

### **Water Distribution Department:**

In the months of September to October, the Water Department has had a number of excavations:

- 12-Water Main Breaks
- 17-Lead service replacement
- 1- 6" valve replacement
- Abandon 475' of old 6" Main
- 5 – Shut and cut lead services

### **Fire Hydrant Winterization**

The first week of November, the Water/Metering Division will be out winterizing all 1500 City owned fire hydrants. This consists of checking all caps, chains, paint and the operation of the fire hydrant. To make sure it is in working order for the winter months. As the hydrants are checked, it is documented in our records and an ALL Good sticker will be applied. The stickers used for identification are color coded for the year.

### **Valve Exercising**

The DEQ requires that the Water Department has a valve exercising program put together and that they record all information due to the valve. This is a daunting task and requires a fair amount of time and personnel. We are now in the south end of Bay City, working in a particular area that has not been done for a while and we are exercising about 194 valves in this area for our program.

Year	Valves	Exercised
2014	246	282
2015	264	333
2016	211	257
Total	721	872

### **Water Main Projects**

Bay City has two different water main projects in processes right now. One being the Mulholland project consisting of a new water main and all service connections and reconstruction of the Street. The area of the project runs from Columbus to 15<sup>th</sup> Street on the West side of McLaren Bay Regional Hospital. The second project is the Madison project which consists of abandoning of an old 8" main that has had many water main breaks, also five service connections were relocated and taken out of service.

### **Water Quality Monitoring & Testing**

Several types of tests are performed to assure our customers that our drinking water meets the federal guidelines of the Safe Drinking Water Act. Test results are included in the Consumer Confidence Report which will be delivered to customers in June. Additional information will be on our website available to all water customers of Bay City and the public.

- **Bacteriological Testing**

This is the most common test performed with a minimum of 40 samples collected and analyzed on a monthly basis. Tests are designed to search for key bacteria indicators which could affect public health if gone undetected. If tests are confirmed positive for bacteria then a boil water order would be issued. It has been many years since a positive sample and a boil water order has been issued in Bay City.

- **Lead & Copper Testing**

In the early 1990's, EPA established Lead and Copper Rule to test these levels of metal in drinking water. In March 97, samples were collected for the entire Bay Metropolitan Water System; of which 37 were in Bay City, to be tested specifically for lead and copper. Results ranged from ND (non-detect) to 90 ppb (parts per billion) with the 90<sup>th</sup> percentile result of 12 ppb. Although seven locations exceeded the 15 ppb action level test results of the 90<sup>th</sup> percentile below 15 ppb are considered in compliance with the Lead and Copper Rule. To ease customer concerns, recent tests for lead and copper, demonstrate that the Bay Metropolitan Water System, including the City of Bay City is in compliance with federal lead and copper rules.

Test results are being processed by city staff and will be delivered to the 37 sample sites in Bay City. Results will include a public education information on methods to reduce lead exposure in

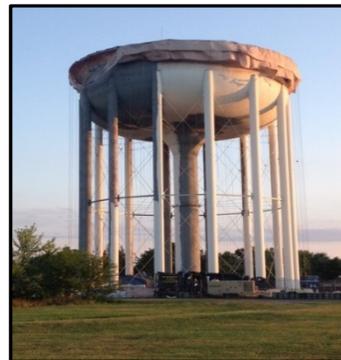
drinking water. Additional information will be included in the Consumer Confidence Report and on our website available to all water customers of Bay City.

- **Disinfectants and Disinfectant Byproducts Testing**

Water systems use disinfectants, to kill viruses and bacteria that otherwise exist in the water. Disinfection by-products (DBPs) are the chemicals formed when disinfectants, largely chlorine, react with naturally occurring organic matter in the water. Water systems must use treatment methods to reduce formation of DBPs while still protecting against waterborne disease. Total trihalomethanes (TTHM) and haloaceticacids (HAA5) are the most commonly formed DBPs that are routinely monitored on a quarterly basis in Bay City. A violation occurs if the average of the four most recent sets of quarterly samples (12-month running average) exceeds the Maximum Contaminate Level. Testing shows that we are in compliance with the Disinfectants and Disinfectant Byproducts standards. This testing was completed on July 18, 2016, with all passing results. Out of the two sites tested and 13 different tests done on each sample, there were four Not Detected at each site and nine well below the MCL level.

- **Painting of the Water Tower**

Dixon Engineering along with Horizon Brothers have finished painting both the wet interior and the dry exterior of the City owned water tower. The tower has an all new look about it with the City logo on the exterior along with a new color. The job has taken approximately 120 day from start to finish including rain days and high winds. The project has come to its finished stages with having the tower filled with 2,000,000 Gallons of water, on Oct 18, 2016, all water samples came back negative and the water tower was put back on line.



### ***Street/Sanitation/Fleet Department***

On Monday, October 31, we will start our aggressive extended hour's leaf collection program. This program will begin at 6:00 am until 6:00 pm, Monday through Friday, until completed, weather permitting. During normal business hours we will utilize tractors with push baskets and rear loading sanitation trucks to assist in areas with heavy leaves. Residents are not allowed to rake leaves into the roadway. Any leaves that are between the curb and green space should be collected and set out on the

residents normal weekly yard waste collection day, in 32 gallon (max) containers or yard waste bags. Bags are recommended as the temperatures drop to the point where it freezes. Staff is not able to collect leaves that are frozen in the containers. Resident should not park in front of the yard waste containers as volumes and weights increase. Collection trucks need to maneuver to get as close as possible, to safely and efficiently collect the yard waste. Volumes increase exponentially this time of year. The last cycle for brush collection for the season end in November. Resident should have their brush out by November 1st for the east side and November 15th for the west side. Trucks will not be able to return for brush placed out late. Yard waste collection program will run until December 2, 2016.

The scheduled rental of the grader to grade the alleys this summer has been postponed until next summer due to mechanical issues with the grader. Staff has evaluated the alleys and have been using the dump truck with an underbelly scraper with carbide scar fire blade to improve the worst alleys. The scar fire works well with maintaining the alleys; however, the grader can adjust the blade from side to side to reshape the alleys.

As we get ready for winter, 750 tons of earlier delivery salt was delivered.



## **Wastewater Treatment Plant**

Received 0.97 inches of rain on Thursday, October 27<sup>th</sup>. The rain filled the relief sewers (9.7 million gallons) and put about 15 feet into #5 Retention Basin.

A plant tour was given to 80 six graders from the Vassar Public School District on Wednesday, October 26<sup>th</sup>. The tour consisted of a power point and video presentation, a tour of the plant processes, a tour of our onsite Laboratory and a tour inside our Retention Treatment Basin #5. This marks the fifth year the district along with members from Michigan Rural Water Association (MRWA) has visited the Bay City Wastewater Treatment Plant.

Maintenance/Operations is continuing to work on installing the motors and controls on both distributor arms in the Trickling Filters. The motors and controls will help keep the distributor arms rotating during low flow periods.