

**DEPARTMENT OF  
PUBLIC WORKS**

**2018-2019**

**ANNUAL REPORT**



Road Division    Fleet & Facilities Maint  
Water & Sewer Division    Grounds Maint

# CONTACT US:

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For all questions regarding any DPW services or operations:  
Our office hours are Monday – Thursday, 7:00 AM – 5:30 PM

**PHONE: 248-594-2800**

**FAX: 248-594-2810**

## **ADMINISTRATION**

Thomas W. Trice – DPW Director  
Noah Mehalski – DPW Superintendent  
Katie M. Fotherby – Public Works Manager

## **ROAD DIVISION**

Duane Poole – Road Foreman  
road@bloomfieldtp.org  
Snow Emergency Hotline: 248-594-2848

## **WATER & SEWER DIVISION**

Steve Sierota – Water Foreman  
water@bloomfieldtp.org  
Water Emergency Line: 248-433-7730

## **FLEET & BUILDING MAINTENANCE**

Lance Scram – Fleet/Facilities Manager

## **GROUNDS MAINTENANCE**

Dean Begley – Grounds Foreman

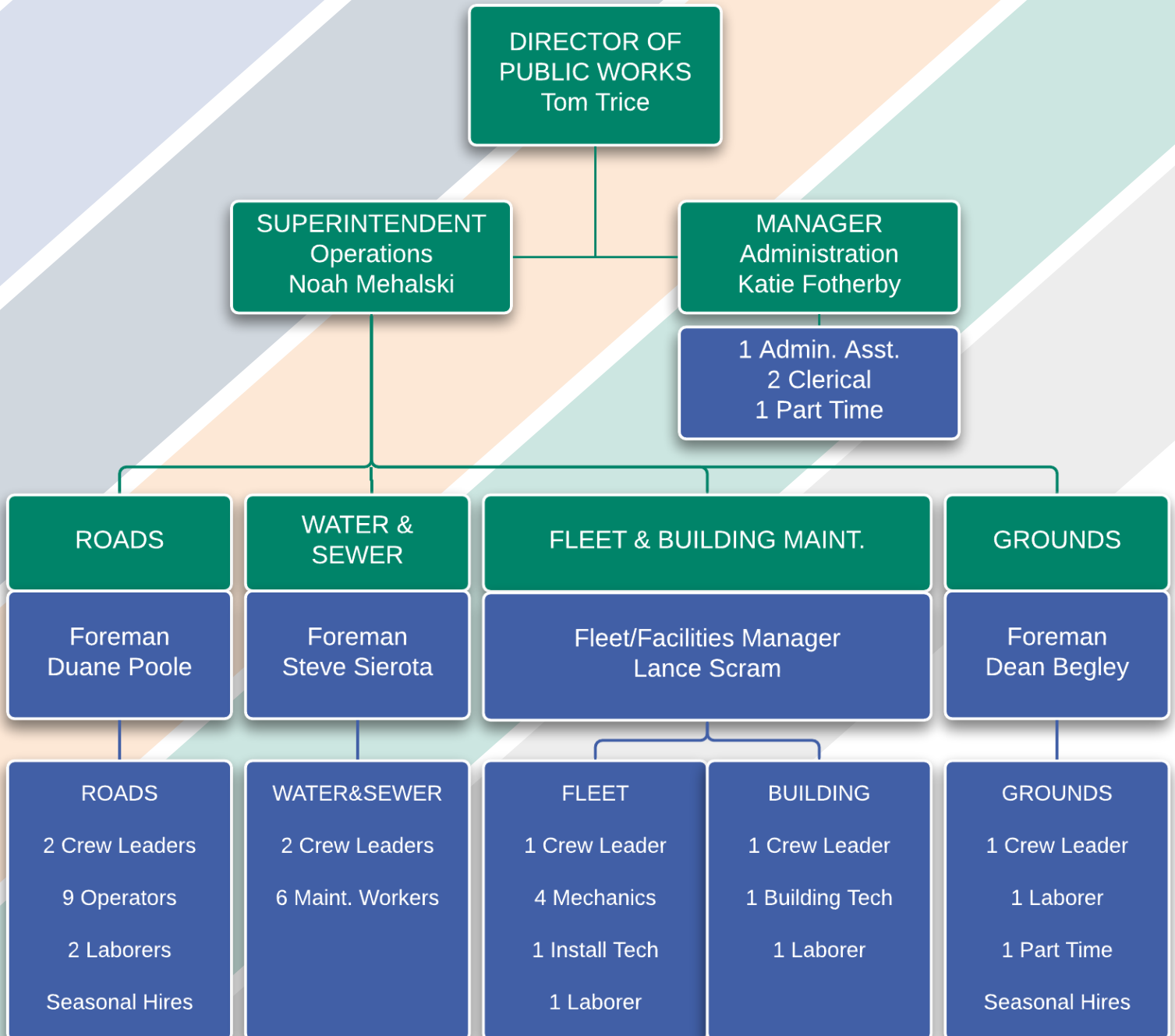
## **GFL (Green For Life)**

1-866-772-8900



**MISSION STATEMENT**

*The Department of Public Works Administrative and Field staff commits to bring our best to work each day with a positive professional attitude towards providing the highest level of service possible to our customers.*



# DEPARTMENT PERSONNEL

Division	Employee	Title	Date of Hire	Years of Service
Administration	Tom Trice	Director	9/19/2005	13
	Noah Mehalski	Superintendent	10/15/2007	11
	Katie Fotherby	Manager	3/28/2005	14
	Tia Kollar	Admin. Assistant	12/11/2000	18
	Kim Sasser	Customer Service	12/9/1996	22
	Kelly Lagarde	Customer Service	10/31/2005	13
Road Division	Duane Poole	Road Foreman	2/23/1999	20
	Richard Bogusky	Crew Leader	4/13/1998	20
	Marco Nervo	Crew Leader	12/18/2002	16
	Jason Simpson	Operator	10/21/1995	23
	Jon Grigsby	Operator	4/1/1997	21
	Sean Caverly	Operator	8/23/1997	21
	Adam Roose	Operator	6/19/2004	14
	Bruce Carnahan	Operator	11/8/2004	14
	Jeff Krauskopf	Operator	1/13/2007	12
	James Davis	Operator	6/4/2011	7
	Glenn Wood II	Operator	9/26/2011	7
	Chris Baroli	Operator	6/13/2016	2
Water Division	Steve Sierota	Water Foreman	5/18/2001	17
	Craig Lewis	Crew Leader	11/26/2001	17
	Rick Jenkinson	Water Operator	8/9/1999	19
	Paul Palace	Water Operator	7/9/2001	17
	David Keller	Water Operator	7/21/2003	15
	Shane Beslock	Water Operator	4/29/2011	7
	Josh Eubanks	Water Operator	11/21/2011	7
	Patrick McNamara	Water Operator	10/7/2013	5
Fleet/Facilities Maintenance	Lance Scram	Fleet/Facilities Manager	2/24/1997	22
	Pat Quinn	Facilities Crew Leader	11/1/1999	19
	Bob Dragoo	Facilities Maint Tech	10/15/2018	0
	Bill Diviney	Fleet Crew Leader	1/10/2000	19
	Brett Moshier	Install/Service Tech	6/14/1999	19
	Emmett Moody	Master Mechanic	6/13/2016	2
	Loren Miller	Master Mechanic	11/21/2016	2
	Thomas McGray	Master Mechanic	6/5/2017	1
	Gerald Keller	Laborer	6/8/2015	3
	Rob Stacherski	Laborer	11/24/2014	4
Grounds Maintenance	Dean Begley	Grounds Foreman	8/22/1998	20
	Hillary Drotz	Crew Leader	11/25/2002	16
	Trevor Fox	Laborer	6/20/2016	2

**ADMINISTRATION  
&  
CUSTOMER  
SERVICE**



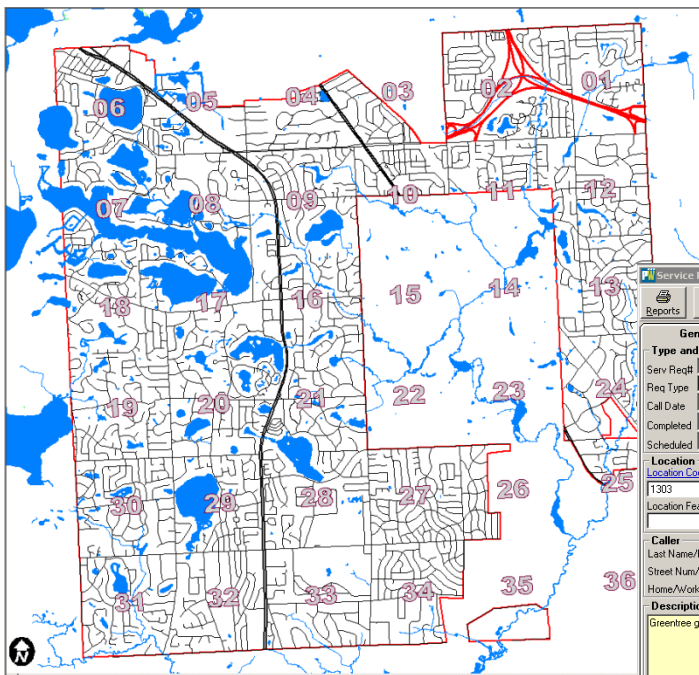
DEPARTMENT OF PUBLIC WORKS  
2018-2019

# ADMINISTRATION

The Public Works Administration consists of an Administrative Assistant, two full-time customer service employees and one part-time customer service employee. Each employee is fully trained in every aspect of all the different Public Works Divisions so that they are able to answer questions and inform residents regarding all DPW operations.

Administration also includes management staff that is responsible for overseeing the entire department. The DPW Director is responsible for managing the Department's budget as well as developing and guiding the department's long-term direction and goals. The DPW Superintendent primarily oversees the DPW's operations. Each division's foreman and supervisors report to him directly regarding the day-to-day tasks and services. The Public Works Manager primarily oversees the DPW's administrative functions, such as contract management, billing dispute resolution and community events.

The primary function and top priority of administration is customer service. Administrative Staff answer all incoming calls for Roads, Water & Sewer, and Solid Waste. They are the first point of contact for addressing resident concerns and answering resident questions.



Service Request Log: 011556

Reports First Previous Next Last Add New Save Cancel Delete Locate Sort More Map

General Information		Extended Description		Activity Log		Service Request List View		
<b>Type and Status</b>				<b>Statistics</b>		<b>Assignment</b>		
Serv Req#	011556			Days	Hours	Taken By	107	Sasser, Km
Req Type	R02	Trees And Shrubs		0.95	22.73	Assignee		
Call Date	07/16/2012	Time 15:13		0.95	22.73	Dept	101	Road Division
Completed		Time		Cost (\$)		Priority		
Scheduled		Misc				District	13	District 13
<b>Location</b>								W0
Location Code / Name		LQ						
1303	Eastover Farms / 1303							
Location Feature Code / Name								
<b>Caller</b>								
Last Name/First	na	Find		Notes				
Street Num/Name	Greentree @ Dowling	Edit		City		State		Zip
Home/Work/Cel		Clear		EMail				
<b>Description and Contact Notes</b>								
Greentree going northbound at Dowling on the Southeast corner across the street from the stop sign there is overgrowth blocking the view of oncoming traffic.								
User Date Time Contact Note								
* [ ]								

Record: 2 of 11,526 | 011556 | Trees And Shrubs | District 13 | Open

# ROAD DIVISION



DEPARTMENT OF PUBLIC WORKS  
2018-2019

# ROAD DIVISION

Bloomfield Township is the only Township in the State of Michigan to offer its residents the services of a sophisticated Road Division. By a contractual agreement with the Road Commission for Oakland County (RCOC), Bloomfield Township maintains the surface of over 200 miles of subdivision roads and RCOC retains responsibility for 50 miles of primary roads and state trunk lines within Bloomfield Township.

Since it was established in the early 1970's, it has grown to become a highly respected and well equipped operation. All employees are required to maintain a commercial driver's license and are on call 24 hours a day as first responders.

The Road Division provides a wide range of services not offered by other townships. We maintain over 200 miles of subdivision roads and provide the following services:

**WE MAINTAIN**

- **176 miles of Subdivision roads**
- **37 miles of unpaved gravel roads**

- Snow Plowing
- Ice & Snow Control
- Winter Marker Program
- Asphalt Patching
- Gravel Road Grading
- Dust Control
- Median Maintenance on State Roads
- Roadside Litter Cleanup
- Street Sweeping
- Select Mowing
- Select Trimming
- Storm Damage
- Select Tree Removal
- Oakland County Tri-Party Paving Projects
- Oakland County 50/50 Drainage Improvements
- Oakland County 50/50 Bridge Projects



<b>A look at the numbers...</b>	
Miles of Patch Paving Completed	3.21
Tons of Cold Patch to fill Potholes	97.43
Tons of Gravel added to Gravel Rds	3,371
Number of Winter Storm Events	25
Total Sq Yds of Concrete Repaired & Replaced	3,523



# ROAD DIVISION

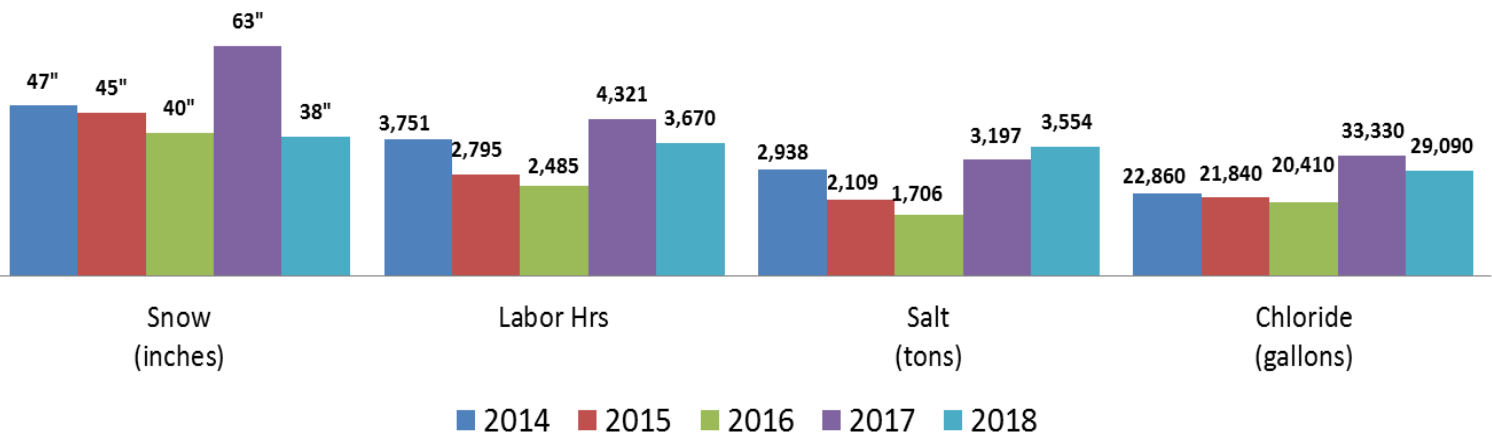
## New Cape Seal Program

Each year the Township allocates funds in the Roads Budget to perform maintenance patch overlays, concrete section replacement and other pavement preservation activities. Roads are evaluated and prioritized for repair by DPW staff. During the evaluation process it was noted that several locations might benefit greatly by the application of a Cape Seal pavement preservation material that is sprayed on the pavement and covered with fine stone chips or sand. This method has been utilized successfully in neighboring communities such as Birmingham and Auburn Hills and has a life expectancy of 5 to 7 years. At the urging of the Township, the Road Commission for Oakland County has allowed this type of work to be done, by the Township, on the county roads.



The 2018 program consisted of applying the Cape Seal product to approximately three miles of road or six lane miles of roads located within various areas of the Township. It is important to note that this process was utilized in areas that would not have received any pavement preservation work if not for this program. With this program, our limited dollars are being employed to do as much work on our roads as possible. This program also did not reduce the other pavement restoration projects we had scheduled for 2018.

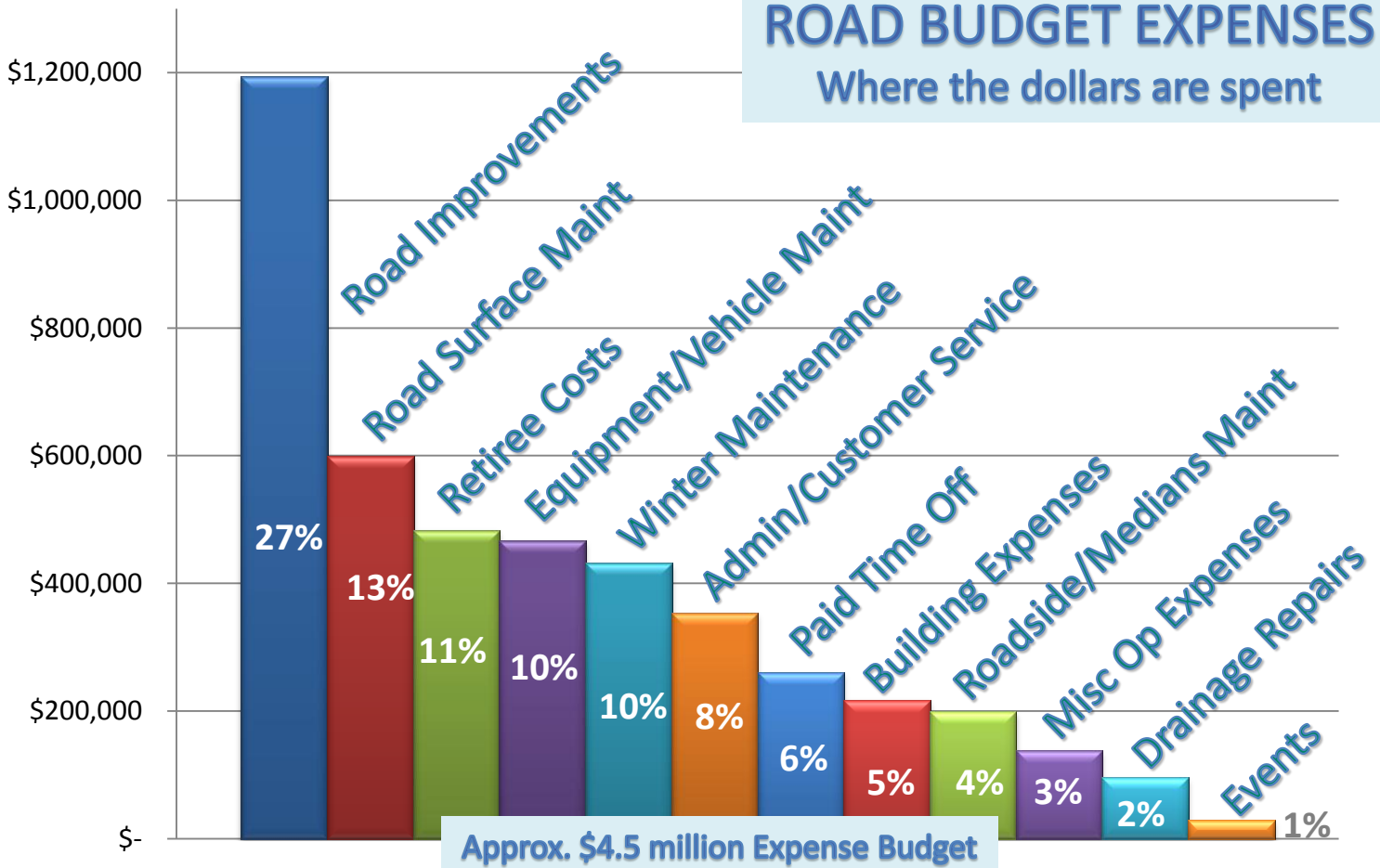
### Winter Storms - Yearly Comparisons



# ROAD DIVISION

## ROAD BUDGET EXPENSES

Where the dollars are spent



## GENERAL SUMMARY OF TASKS/ACTIVITIES

- **Road Improvements**
  - Concrete Patch Repairs
  - Asphalt Overlays
  - Tri-Party Projects
- **Road Surface Maintenance**
  - Grading/Dust Control
  - Pothole Patching
  - Street Sweeping
- **Retiree Costs**
  - Pension & Healthcare Plans
- **Equipment/Vehicle Expenses/Maint**
  - Fuel
  - Repair & Maintenance Services
  - Repair Parts
- **Winter Maintenance**
  - Salting/Plowing/Sanding
  - C-Marker Program
  - Mailbox/Sod Damage Repairs
- **Admin/Customer Service/Training**
  - Mgmt/Clerical Staff, Customer Service
  - Office Supplies
  - Training & Conferences
- **Paid Time Off**
  - Vacation, sick, personal, holidays
- **Building Expenses/Maintenance**
  - Insurance, utilities, repairs, office equip
- **Roadside/Median Maintenance**
  - Litter Pickup
  - Roadside Mowing
  - State Highway Median Landscaping
- **Misc Op Expenses**
  - Uniforms, supplies, tools, dues & subscriptions
- **Drainage Maint/Emergency Repairs**
  - Ditching, basin/manhole cleaning
- **Events**
  - Setup/teardown, traffic control

# **WATER & SEWER DIVISION**



DEPARTMENT OF PUBLIC WORKS  
2018-2019

# WATER & SEWER DIVISION

The Water & Sewer Division is responsible for distributing safe drinking water to more than 16,000 customers. Drinking water is treated, tested and monitored on a continuous basis to ensure that it meets or exceeds all federally mandated requirements governing its quality.

The Water & Sewer Division is also responsible for providing a means to collect sanitary sewage disposal from more than 11,000 homes and businesses for transportation to the City of Detroit's wastewater treatment plant. The Division maintains the sewers and operates 9 sewage-pumping stations, which have been recently upgraded to ensure continuous operation.

The Water and Sewer Division employees all maintain Drinking Water Operator Certifications, CDLs and are on call 24 hours a day as first responders.

The Water & Sewer Division performs many functions in order to ensure quality services. Some of those functions include the following:

## WATER SUPPLY

- Maintain positive operating pressure over approximately 280 miles of public water mains that range in diameter from 6" to 24"
- Repair and maintain pressure regulating valves (PRV's) at 12 locations throughout the Township.
- Perform emergency repairs on public water mains as necessary.
- Repair and maintain over 2,900 fire hydrants.
- Repair and maintain over 2,900 operating valves.
- Install new water service connections to property lines.
- Locate underground pipes for Miss Dig.
- Collect water samples for testing.
- Maintain a 1-million gallon storage tank and booster station.

## WE MAINTAIN

- 280 miles of public water mains
- 210 miles of sanitary sewer pipes

## SEWAGE COLLECTION

- Maintain over 210 miles of sewer pipes to ensure sewage can flow freely by gravity.
- Inspect and repair 6559 sanitary manholes
- Perform necessary emergency repairs of sewer pipes.
- Clean public sewers with vector truck.
- Internally inspect public sewers with video equipment.
- Maintain pumping facilities for continuous operations.

## **A look at the numbers...**

Number of Meters replaced	114
Number of Main Breaks	31
Linear Feet of Sewer Lines cleaned	123,244
Linear Feet of Sewer Lines televised	116,914
Number of Miss Dig requests	4,428

# WATER & SEWER DIVISION

## Annual Water Quality Report

Bloomfield Township, as in past years, has surpassed the water quality standards required by the U.S. Environmental Protection Agency (EPA) and the State of Michigan's Department of Environmental Quality (MDEQ). The 2018 Annual Water Quality Report describes the source of our water, lists our test results, and contains important information about water and health. This report is intended to provide consumer understanding of drinking water and to heighten awareness of the need to protect our precious water resources.

**Please go to:**

[www.bloomfieldtp.org/WaterReport](http://www.bloomfieldtp.org/WaterReport)

**to view your 2018 Annual Water Quality Report and learn more about your drinking water. If you would like a paper copy of the 2018 Annual Water Quality Report mailed to your home, please call the Department of Public Works at 248-594-2800.**

# GET THE LEAD OUT!

Important information about  
drinking water and lead



**Water Quality Report**

Bloomfield Township is pleased to inform you that in 2018, as in past years, we have surpassed the water quality standards required by the U.S. Environmental Protection Agency (EPA) and the State of Michigan's Department of Environmental Quality (MDEQ). The 2018 Annual Water Quality Report describes the source of our water, lists our test results, and contains important information about water and health. This report is intended to provide consumer understanding of drinking water and to heighten awareness of the need to protect our precious water resources. For more information on the specific testing results please see the water quality table and definitions as provided. We hope this report addresses any drinking water quality concerns you might have. If you have any questions regarding this report, please contact the Bloomfield Township DPW at 248-594-2800.

**2018**  
Prepared by Bloomfield Township  
Department of Public Works  
June 2018

**What You Can Do to Help Protect Our Water Resources**

Pollutants make their way into our rivers and lakes in a variety of ways. The most common route is through stormwater runoff. When it rains, stormwater flows over roadways and parking lots, picking up pollutants like sediment, oil and heavy metals. It also runs off lawns that can contribute pesticides, fertilizer, leaves, and bacteria from animal waste. This polluted water eventually enters a storm drain or ditch that connects directly to our waterways.

Waterways can be negatively impacted by activities nearby and in areas further away that drain to the river or lake. No matter where you live, actions can be taken to help keep pollutants out of stormwater runoff and protect our sources of drinking water.

**Lawn Care**  
Lawn care practices are a great place to start. Fertilizer, pesticides and herbicides should be used sparingly and limited to the lawn only. If any of these materials fall on driveways and sidewalks, sweep them back onto the lawn to keep them from washing into storm drains. Avoid using a hose to clean driveways and sidewalks. Mower decks should be set to at least three inches high to limit cutting to one-third of grass length and encourage root growth. Consider having your soil tested to determine your lawn's actual nutrient needs and adjust your lawn care practices accordingly.

**Pet Care and Septic System Maintenance**  
Animal and human waste can contribute disease carrying bacteria into our drinking water sources. Pick up pet waste promptly from your yard or during a walk and dispose of it in the trash. Homes that use septic systems should focus on proper operation and maintenance to avoid failure and costly repairs. Flushing septic systems release bacteria, viruses and toxic chemicals into the ground that eventually reach our waterways.

Routine actions taken outside and inside your home can help keep pollutants out of our drinking water sources. Even small actions can have a big impact which multiplied by the millions of people that live in our watershed.

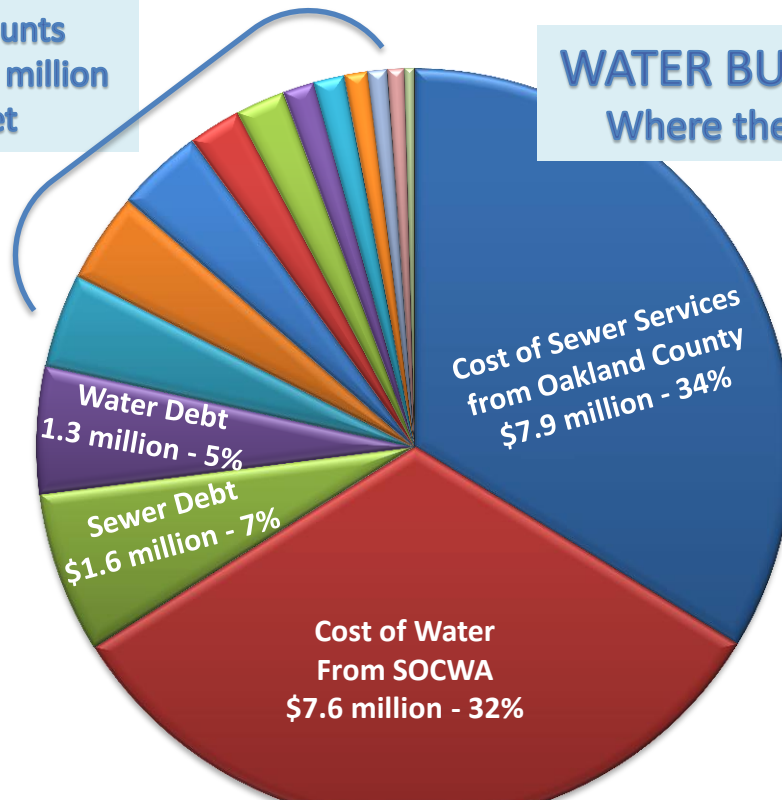
## Information about Lead in Drinking Water

Safe drinking water is a shared responsibility. The water that GLWA delivers to our community does not contain lead. However, lead can leach into drinking water through your home's plumbing fixtures, and in some cases, customer service lines. Corrosion control reduces the risk of lead and copper from leaching into your water. Orthophosphates are added during the treatment process as a corrosion control method to create a protective coating in service pipes throughout the system, including in your home or business. Bloomfield Township performs required lead and copper sampling and testing in our community. Water consumers also have a responsibility to maintain the plumbing in their homes and businesses, and can take steps to limit their exposure to lead.

# WATER & SEWER DIVISION

Township O&M accounts  
For 22% or approx. \$5.1 million  
of Expense Budget

**WATER BUDGET EXPENSES**  
Where the dollars are spent



**Total Water Budget Expenses approx. \$23.5 million**

## GENERAL SUMMARY OF TOWNSHIP O&M

- **Water System Operation & Maint – 4%**
  - Water Main Breaks
  - Gate Valve Repair/Maint
  - Stop Box Repairs
  - Service Taps
  - Hydrant Repairs
  - PRV Repair/Maint
  - Cross Connection Program
- **Sewer System Operation & Maint – 4%**
  - Pump Repair/Maint
  - Sewer Cleaning/Videoring
  - Manhole Inspection/Repair/Maint
  - Sewer Backups
- **Retiree Costs – 4%**
  - Pension & Healthcare Plans
- **Admin/Customer Service/Training – 2%**
  - Mgmt/Clerical Staff
  - Training Programs/Classes
  - Office Supplies/Computer Services
- **Building Maint/Expenses – 2%**
  - Utilities, Rent
  - Property/Liability Insurance
- **Paid Time Off – 1%**
  - Vacation, Sick, Personal, Holidays
- **Water & Sewer Billing – 1%**
  - Meter Reading
  - Postage, Printing
  - Customer Service
- **Misc. Operating Expenses – 1%**
  - Legal Fees
  - Uniforms, tools, laundry
  - Dues & Subscriptions
- **Miss Dig Services – 1%**
  - Miss Dig Staking
- **Meter Services – 1%**
  - Meter upgrades/replacements
- **Equipment/Vehicle Maint/Repairs – 0.4%**
  - Fuel, Repair Parts, Maint

# **MAINTENANCE DIVISIONS**

**FLEET  
BUILDING  
GROUNDS**



DEPARTMENT OF PUBLIC WORKS  
2018-2019

# FLEET MAINTENANCE

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There are eight employees in the Fleet Maintenance Division (Motor Pool), including the Fleet Manager, Crew Leader, Installation Tech, four State Certified mechanics and one Laborer. The Motor Pool is responsible for the maintenance and emergency work on over 167 fleet vehicles and 55 pieces of equipment.



The Fleet Manager and Crew Leader work together to oversee the management and daily operations of the Division. One mechanic is dedicated to the maintenance and repair of light vehicles.

This includes vehicles such as all of the police vehicles, building inspection vehicles, administrative vehicles and also small equipment like lawn mowers, chainsaws, pumps and generators used by the Roads, Water and Grounds Divisions.

Three mechanics are dedicated to the maintenance and repair of all large equipment and vehicles including Fire Department Engines, Paramedic Rescues and Snow Removal Equipment.

All mechanics, including the Crew Leader are State Certified, are crossed trained and able to work on any Township equipment. The mechanics are also trained in welding and fabricating for all facets of maintenance and repair.

The installation tech is responsible for upfitting and maintaining all aftermarket emergency equipment installed on Township emergency vehicles such as police patrol vehicles. Many components, including radios, emergency lighting, sirens, Mobile Data Computers (MDC), in-car video systems, mounted radar and prisoner partitions are all a part of the upfitting process.

All employees are required to maintain a commercial driver's license, mechanics must be State certified master mechanics and all are on call 24 hours a day as first responders.





# FLEET MAINTENANCE

## Equipment Overhaul / Replacement

During the 2018-2019 fiscal year, the Motor Pool Division facilitated the partial overhaul of Road Grader #51, and a new dump body for road truck #15, along with the replacement of vehicles that had reached the end on their life cycle. In some cases, there was an opportunity to rebuild our existing equipment to extend its useful life and limit future maintenance costs. Replacement was chosen for several Police Cruisers, command/administrative vehicles, two water department vans, a building maintenance van, along with a fire department pickup truck. Additionally, the tire machine and balancer were replaced. The new tools accommodate new and bigger wheel sizes. This has not only limited the high maintenance cost, but decreased the downtime related to repairs for this equipment.



## Training

Motor Pool staff members have been trained on a myriad of skills which have improved customer service and work quality. For instance, staff attended several external trainings, including updated A/C refrigerants training and many in-house trainings related to work safety.



# BUILDING MAINTENANCE

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The Building Maintenance Division employs two full time technicians and one full time laborer. The technicians have substantial knowledge and experience in all aspects of municipal building maintenance and are responsible for maintaining 12 Township buildings and also their exterior structures such as parking lot lights and signage. They also oversee and manage multiple service contracts, including the custodial contract for all the buildings. All employees are required to maintain a commercial driver's license and are on call 24 hours a day as first responders.

The Building Maintenance staff's major responsibility and focus is in preventative maintenance. Routine inspections and maintenance help to keep the buildings running at optimum levels and helps to prevent system breakdowns. They are also responsible for technical repairs, construction and alteration of all Township buildings, maintenance and repair of HVAC units, electrical, plumbing and carpentry work. In addition to all their building maintenance responsibilities there are also many miscellaneous tasks frequently required of them such as set ups and break downs for special meetings and events, recycling collection and bio-hazard clean ups.



## **Chloride Station Replacement**

The system is used to pump the solution to our chloride tanker for use on gravel roads, and for use with our salt trucks in the winter. The chloride station exists in a corrosive environment. Calcium chloride is hard on pumps, piping, and electrical systems. The previous system was installed in 2010. Having been exposed, internally and externally to calcium chloride, the system was beginning to show the results from years of usage and exposure.

## **Senior Center Women's Shower Floor Repair**

The floor of the senior center women's shower area had a low spot that was holding water. The project required removal of the tile, reset of the subfloor, and replacement of the tile to correct this issue.

## **Annex Mainframe Computer Room HVAC Replacement**

The Annex computer room is home to the Township's mainframe computer. This system required a new air conditioning system to ensure that the equipment maintains a constant temperature.

## **Front Entry Ice Melting System**

The front entry way has a boiler-based heating system to melt snow and ice. The system has a new boiler, but required a new control module, line flush, and replacement of the pipe manifold to bring it back to optimal operation.

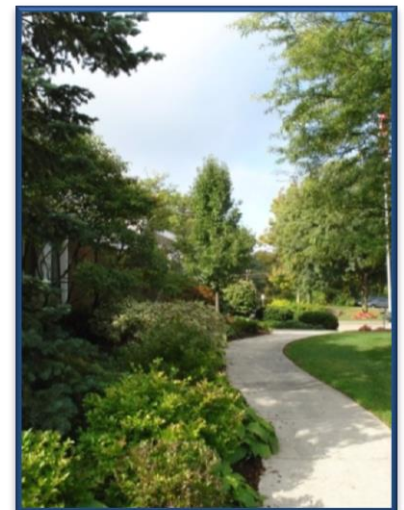
## **Staffing**

Major capital improvement projects completed in 2009 added over 150,000 square feet of buildings space and over 100 pieces of mechanical equipment. Prior to October, the Division was working with only two field employees. We were able to bring on Bob Drago, a Ferris State University graduate with a solid working background in HVAC and building maintenance under his belt. Bob's addition to the staff has enhanced the Division's expertise, ability to react to crises, and maintain the high quality of service provided.

# GROUNDS MAINTENANCE

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The Grounds Maintenance Division employs three full time employees, one who is a certified arborist and both who are fully trained and certified in many aspects of landscaping, irrigation and plant and tree maintenance including pesticide application. All employees are required to maintain a commercial driver's license and are on call 24 hours a day as first responders. They are responsible for the grounds maintenance on Township owned and leased buildings on the main campus. They are also responsible for administering the state highway landscape maintenance contract and the safety path and outlot mowing contracts.



## **Township Campus Maintenance**

More than 4 acres of lawn is maintained on the Township Campus through mowing, trimming, weed control and fertilization. Also an additional 2+ acres of tree and bed maintenance is performed which includes weeding, trimming, mulching, design and installation of new beds and flower planting. Annually they plant over 120 flats of flowers each spring and apply 130 – 260 yards of mulch per season. They also maintain 12 irrigation systems on campus used to water all of the lawns and beds.

## **Winter Maintenance**

During the winter season the Grounds Division is on call 24 hours a day and responsible for all snow removal in the main Township campus area which includes over 4 acres of parking lots and over 3000 linear feet of pedestrian walkways and stairs. One employee is utilized by the Road Division and assigned to a dedicated plow route for the entire winter. The Grounds Division further assists the Road Division with a fleet of pickup trucks they use to help plow and clear the cul-de-sacs.

# GROUNDS MAINTENANCE

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## State Highway Landscape Maintenance

The Grounds Division contracts out the landscape maintenance of our State highways and is reimbursed, in part, through an agreement with MDOT. The contract includes all lawn maintenance and bed/tree maintenance of the center islands and shoulders of Telegraph, Square Lake and Woodward. State highway maintenance also includes the Grounds Division designing and overseeing the planting of many trees each year. Also, they bid out and oversee the lawn spraying & fertilization contract and the Austrian Pine tree spraying contract. Currently all of the maintenance of the eight irrigation systems and lighting is retained in-house.



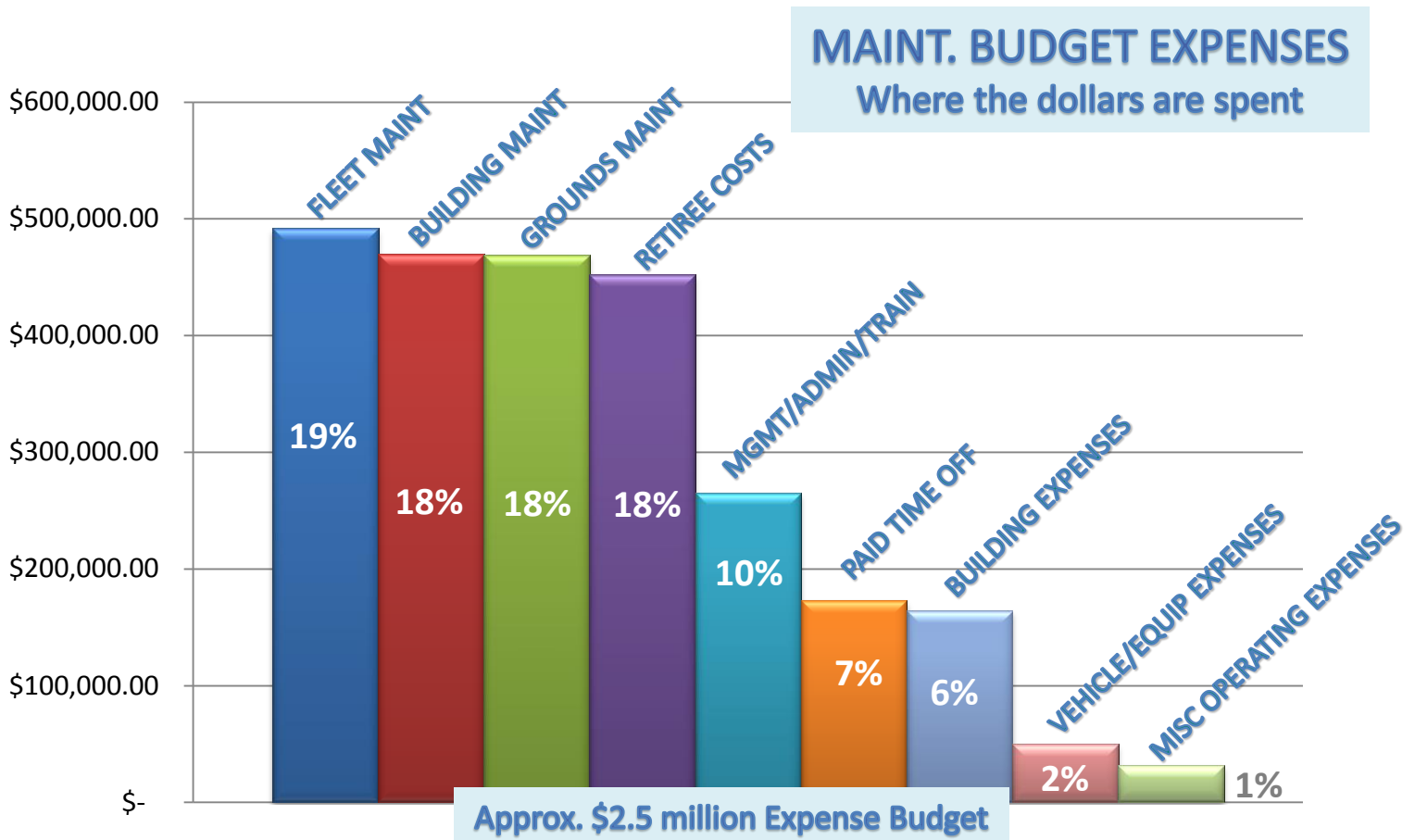
## Safety Path Maintenance

Maintenance of over 70+ miles (and growing) of safety paths, which includes the mowing, edging and string trimming, is contracted and overseen by the Grounds Division. In-house, they are still responsible for emergency tree removal, fence/wall repair and tree and brush trimming which is a full time job during the growing season.

## Outlot Maintenance

The Grounds Division negotiated and implemented a contract for the lawn maintenance at the Township owned outlots, which includes sewer pumping stations, fire stations, retention basins, PRV locations, the water storage facility and the Westbourne booster station. They also oversee the contract for the spraying and fertilizing of these outlots as well.

# MAINTENANCE DIVISIONS



## GENERAL SUMMARY OF TASKS/ACTIVITIES

- **Fleet Repair & Maint Operations**
  - Routine Preventative Maint
  - Repairs – in-house & contracted
  - Police Car Equip Installations
  - Tools & Repair Supplies
  - Parts Inventory Mgmt
- **Building Repair & Maint Operations**
  - Plumbing/Electrical/HVAC
  - Contracted Repair/Maint Services
  - Tools & Repair Supplies
  - Operating Supplies Inventory Mgmt
- **Grounds Maint Operations**
  - Winter Snow Maint – Campus/Cul-de-Sacs
  - Safety Path Maint – mowing/trimming/litter
  - Campus Maint – mowing/trimming/litter
  - Irrigation systems – repair/maint/mgmt
- **Retiree Costs**
  - Pension & Healthcare Plans
- **Mgmt/Admin/Training**
  - Admin/Clerical/Supervision
  - Contract Mgmt
  - Training & Conferences
- **Paid Time Off**
  - Vacation, Sick, Personal, Holidays
- **Building Expenses**
  - Utilities
  - Property & Liability Insurance
- **Vehicle/Equip Expenses**
  - Repair Parts
  - Fuel
  - Contracted Repairs
- **Misc. Operating Expenses**
  - Laundry, Uniforms
  - Medical Services
  - Communications/Computer Services
  - Dues & Subscriptions

**SOLID WASTE  
&  
COMMUNITY  
EVENTS**



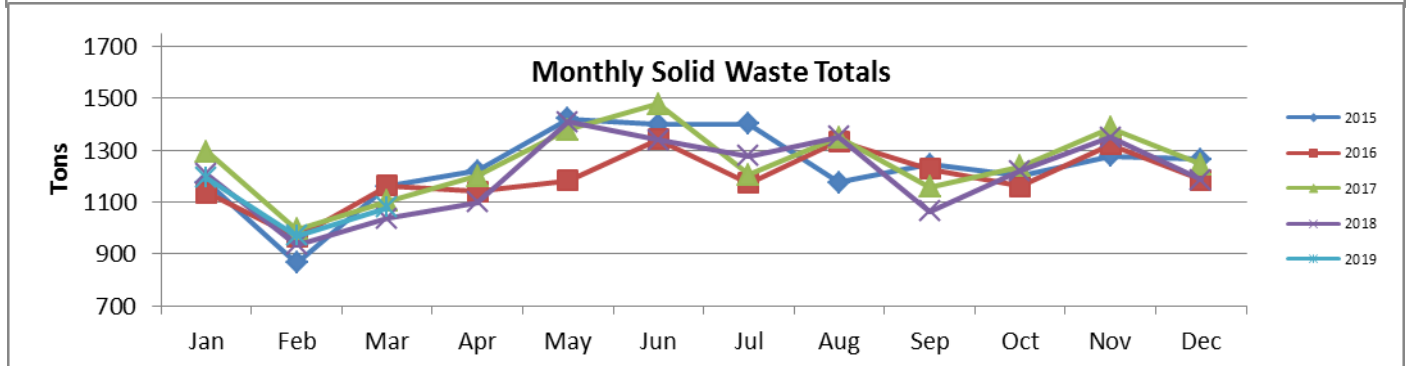
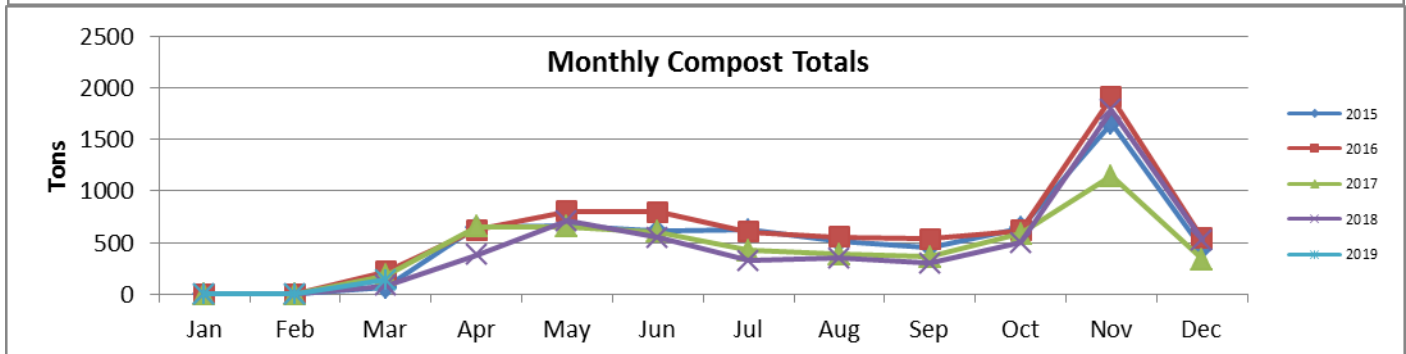
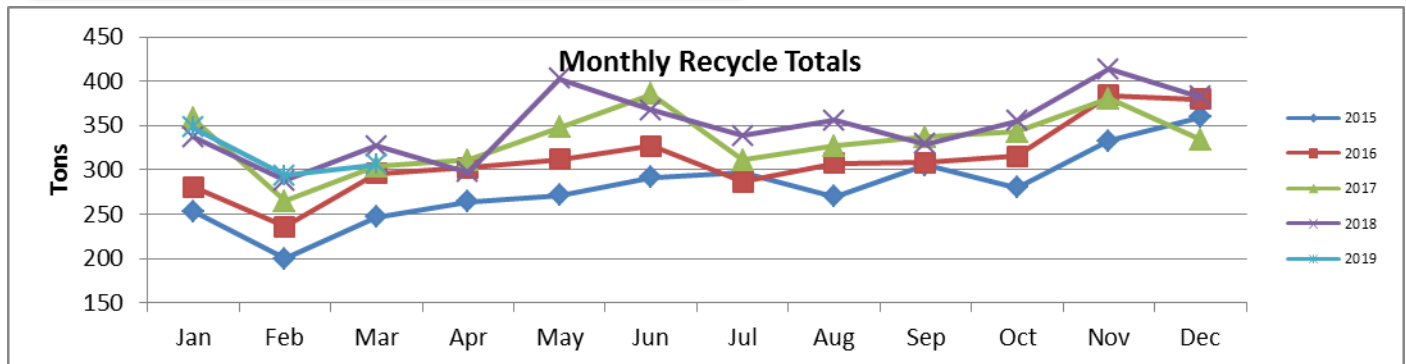
DEPARTMENT OF PUBLIC WORKS  
2018-2019

# SOLID WASTE

The Department of Public Works is responsible for the coordination of the Solid Waste contract for Township residents by acting as a liaison between GFL (Green for Life) and the Township residents, to ensure residents are provided quality customer service at all times.



Solid Waste Rates	
<i>Effective July 1, 2015 (per quarter)</i>	
<i>No increases since 2015</i>	
<b>Single Family:</b>	
Curbside	\$ 49.66
Doorside	\$ 99.36
Inside	\$ 116.64
<b>Multi-Family (Condos/Apartments)</b>	
Attached (individual)	\$ 43.16
Detached (individual)	\$ 48.55
Detached Doorside	\$ 99.33
Multi-Family Common	\$ 33.44



# COMMUNITY EVENTS

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The Township puts on several annual and bi-annual events throughout the year. Coordination, communication and planning amongst Township staff, contractors, volunteers and Township residents is the key to these events coming together successfully year after year.

## Household Hazardous Waste Days

The Department of Public Works is responsible for the coordination and staging of the semi-annual drop off days for Township residents. The DPW staff works very closely with the Solid Waste contractor to provide this safe and effective event on the first Saturday of the month in May and October of each year. The participation for this event averages 800 - 1,000 residents, per event, bringing in household hazardous waste to be disposed of properly. During the events the Township sponsors a mercury thermometer exchange, offering residents to turn in a mercury thermometer for a new digital one. The staff sets up signs for traffic flow and checks various forms of identification of residents participating in the events. The cost of each event averages \$60,000.





# COMMUNITY EVENTS

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## Electronic Recycling, Medication Disposal & Paper Shredding Event

The spring 2018 Electronic Recycling, Medication Disposal & Paper Shredding Event was a big success. In total, we had 1139 vehicles that came through the drop-off line and our residents appeared to utilize all the available services equally. Approximately 30,200 pounds of paper was shredded and recycled and semi-trucks filled with almost 50,000 pounds of electronics were demanufactured and then recycled as well. In addition to the paper and electronics the event also took in over 3 cubic yards of unwanted or expired medications.



## Clean Sweep

The Department of Public Works is responsible for the coordination and staging of this annual event that has become very popular with Township residents. This event coincides with Earth Day in April each year. Residents are encouraged to clean up areas throughout their subdivisions and entrances to the subdivisions that get littered with debris during the winter months. The Township, along with the Solid Waste contractor, provides residents with paper lawn leaf bags and large orange trash bags to collect debris and litter. This event is a volunteer event and offers local high school students the opportunity to earn community service for their participation. The total trash and debris that was collected during this year's event was 2,120lbs of trash 16,760 lbs of compost.

