



To: Upper Montgomery Joint Authority Customer

A MESSAGE FROM THE BOARD

Thousands of communities throughout the U.S. are experiencing flood conditions due to an increase in extreme precipitation events, which can cause extensive water damage to homes and businesses. Flood conditions can also cause sewage from sanitary lines to backup into properties through drain pipes. These backups not only cause damage that is difficult and expensive to repair, but can also create health hazards. Most homeowners and business insurance policies do not cover sewer backup unless specific coverage is added to the policy. Sewer backup coverage is available from most insurers usually at a cost of \$40 to \$160 on an annual insurance policy, depending on the amount of coverage and the deductible you select.

During periods of extreme precipitation, the normally adequate UMJA sanitary sewer system has been operating at an overload capacity. The excess flow can be attributed to the improper introduction of storm water into the sanitary sewer system. Illegal connections consisting of the discharge of any storm water, roof runoff, building foundation drainage, leaking sewer laterals and other sources of water entering the sanitary sewer system, either by gravity or mechanical means (sump pumps) are a major cause of overloads and unnecessary treatment costs.

An 8 inch sanitary sewer pipe can handle wastewater from approximately 200 homes. Just 18 sump pumps will consume the same capacity. If clear water is directed into the sanitary sewer system the capacity is ultimately overwhelmed, sewers can back up into houses and overflow manholes causing a release of raw sewage into the environment.

UMJA would like to encourage all homeowners to have their private lateral inspected and if necessary rehabilitated or repaired through a PENNVEST homeowner loan program that offers fixed rate interest loans as low as 1.75 percent for up to 20 years.

UMJA 2020 BOARD MEMBERS

East Greenville

Ryan Pugh
 Gregory Gaudreau

Pennsburg

William Ingram
 Leon Ritchey

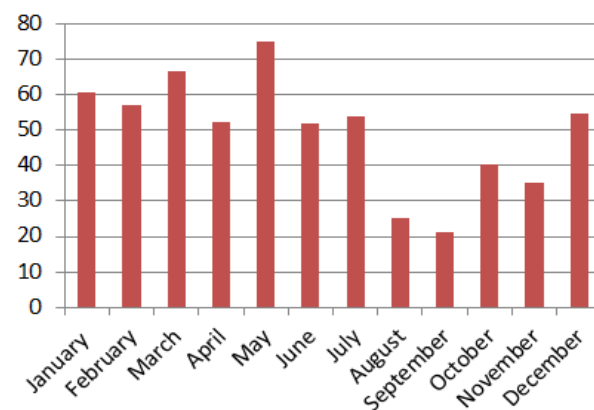
Red Hill

Donna Paul
 Liz DeJesus



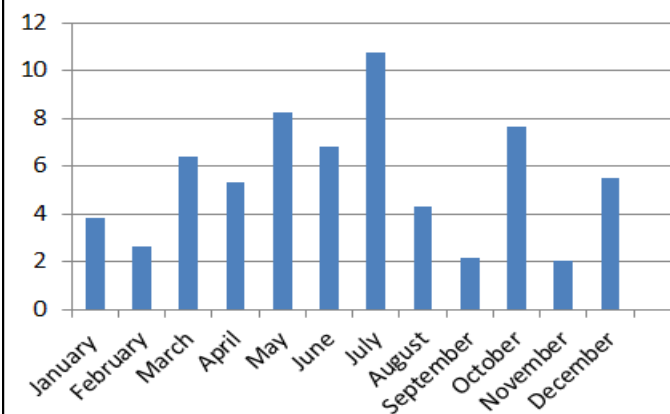
In 2019 over 593 millions gallons of treated waste water was discharged from the UMJA plant

Total Flow in Million Gallons



For the year of 2019, the total precipitation was 65.74 inches. The month with the highest precipitation was July at 10.73 inches.

Rain Fall in inches



The UMJA Mission

To operate and maintain its wastewater treatment plant and collection system in a socially, ethically and environmentally responsible manner, to protect the health, well being, and quality of life of our customers and the public at large, living, working and playing within the Valley.

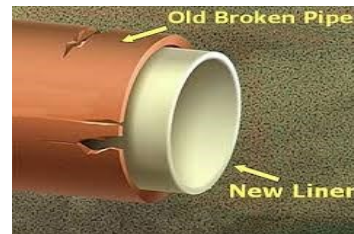
Superintendent's Message

The Upper Montgomery Joint Authority is in the final stage of the upgrade of our wastewater treatment facility. Once complete, this will eliminate overflows of diluted raw sewage that discharges into the Green Lane Reservoir during rain events. These overflows are caused by infiltration and inflow of clean waters entering our collection system through defects in our infrastructure (infiltration), and also from illegal house connections to the sanitary sewer, such as sump pumps, rain spouts and cleanout caps not properly sealed. The cost of the project was approximately 28 million dollars. The upgrade is designed to remove nutrients of phosphorus and nitrogen that are associated with algae blooms that affects the quality of our water resources. The treatment plant upgrade is a major financial undertaking. This upgrade will mean sewer rate increases in the future. Fortunately, interest rates for a municipal bond were at a 40 year low which allowed us to keep our rates as low as possible.

UMJA will also continue to work on repairing its infrastructure, working to eliminate infiltration that has overloaded the treatment plant and collection system. For years this system has been overloaded, therefore resulting in sanitary sewer overflow's from sewer manholes. This past year in 2019, UMJA contracted Musson Brothers & Performance Pipeline Inc. to work on UMJA sewer mains and private laterals. Pipe lining is the process of inserting brand new pipes right inside the old pipe system. Because lateral lining is trenchless, that means there is very little digging and no exhumation at all. It's also light-years faster than the old dig-and-replace methods of yesterday.

In 2019 Musson Brothers lined 62 Laterals which included Long Alley & Main Street in Pennsburg as well as W. Third Street, Meadowland Drive and Wellington Way in Red Hill. Performance Pipe Inc. Lined 57 Laterals on Washington Street in Pennsburg. PPI also cleaned and televised 11,606 feet of trunk line in E. Greenville & Red Hill. In house, UMJA operators televised 4,297 feet of mainline and 195 Laterals.

The Upper Montgomery Joint Authority is continuing lining projects in 2020. Abel Recon will line Hamilton Road in East Greenville, Cherry Street in Pennsburg and Adams Street in Red Hill which totals 1,899 feet of lining. Performance Pipelining Inc. will line 4th Street and Silk Alley in Pennsburg, Sixth Street in Red Hill and Third Street & School Alley in E. Greenville. There is a potential for more lining projects to be added to the schedule for 2020



A look from above at the new state of the art treatment plant

Do You Have A Pool or Do A Lot Of Outside Watering?

Sewer Rental bills are based on the water consumption. The amount of water that flows through your water meter determines the amount of your sewer bill. If you do a lot of outside watering or have a pool, you have the option of purchasing a separate meter. The meter must be installed to your outside spigot water line. There would be a credit of \$4.54/1,000 gallons.



Tidbits from the Office

During the year of 2019, the UMJA office has updated several important items.

- ◆ The billing office has moved in to the new administration building. It's located directly to the left of the old admin building.
- ◆ Our mailing address has recently changed. We are no longer using a P.O. Box. Instead, our mailing address is 1100 Mensch Dam Road, Pennsburg, PA 18073
- ◆ Univest Bank is no longer accepting sewer payments in the teller line. Sewer payments may be made at Univest Bank, The East Greenville Bank Only, in a drop box located just past the drive thru window. Check or Money order only must be presented with payment stub.
- ◆ Visit our website for more payment options www.umja.org

Stop by the UMJA plant for your free bag of fertilizer today

Available at no cost. We have 2 lb bags and 15 lb bags available or you can bring your own buckets and we will fill them.

This natural fertilizer is the original slow release fertilizer. It relies on soil biota to release the nutrients. Product features are very low burning potential, micronutrients and a large amount of organic matter.

Where can I safely use this fertilizer?

- Lawn
- Flower Gardens
- Trees/Shrubs
- Vegetable Gardens

Fertile Fuel is registered with the PA Department of Agricultural.



REACH US

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