



Public Works Department Monthly Report August 2022

Listed below is a summary of the activities the Public Works Department for August 2022

STREETS, PROPERTIES, AND STORM SEWER

- Patched potholes as needed.
- Completed mowing on all town properties.
- Continued sweeping streets.
- Completed 1 mowing order from the police.
- Tear down Summerfest apparatus.
- Pick up brush at 133 Susan Ave.
- Seeded former gravel area at the Public Works building.
- Removed a remounted Speed Limit sign in front library.
- Responded to flooding and tree debris from the storm.
- Trimmed trees in front of Dollar General that were encroaching Somonauk Rd
- Trimmed bushes along Somonauk Rd that were encroaching the sidewalk.
- Installed digital speed signs for the Police Department.
- Weeded flower beds at parks and the Memorial.
- Replaced the broken delineator on Loves Rd.
- Shaped dirt along the walking path.
- Prepped and poured concrete curb on Cortland Center Road.



- Installed 148' of 10" ADS pipe at W. Chestnut Ave and S. West St.



- Jetted storm sewer behind Custom Stone Works.

. EQUIPMENT/VEHICLE MAINTENANCE AND REPAIRS

- The Kubota tractor was taken to Johnson Tractor for PTO shaft work.
- The fan belt was replaced on the street sweeper.
- W/WW2 F350 completed oil change.
- Squad 20 completed oil change.
- Engineer 15 completed oil change.
- Squad 18 completed oil change.

TRAINING

I attended the PWX 2022 Conference. Below is a sample of some of the classes attended.

The evolution of a Public Works Manager.

Introducing the APWA asset management road map.

Fleet vehicle equivalencies.

Refurbish/repurpose fleet units in time of vehicle shortages.

Public fleet rates.

Is my fleet cost-effective- A guide to calculating fleet ownership and operations.

Using drones for grounds management

Efficiencies in park and open space management

Artificial Intelligence- Identifying sewer defects with AI.

Consolidation of three wastewater plants into one.

I also met with many vendors and will implement some innovative ideas and techniques

WATER AND WASTEWATER

GENERAL

- Completed work orders for:

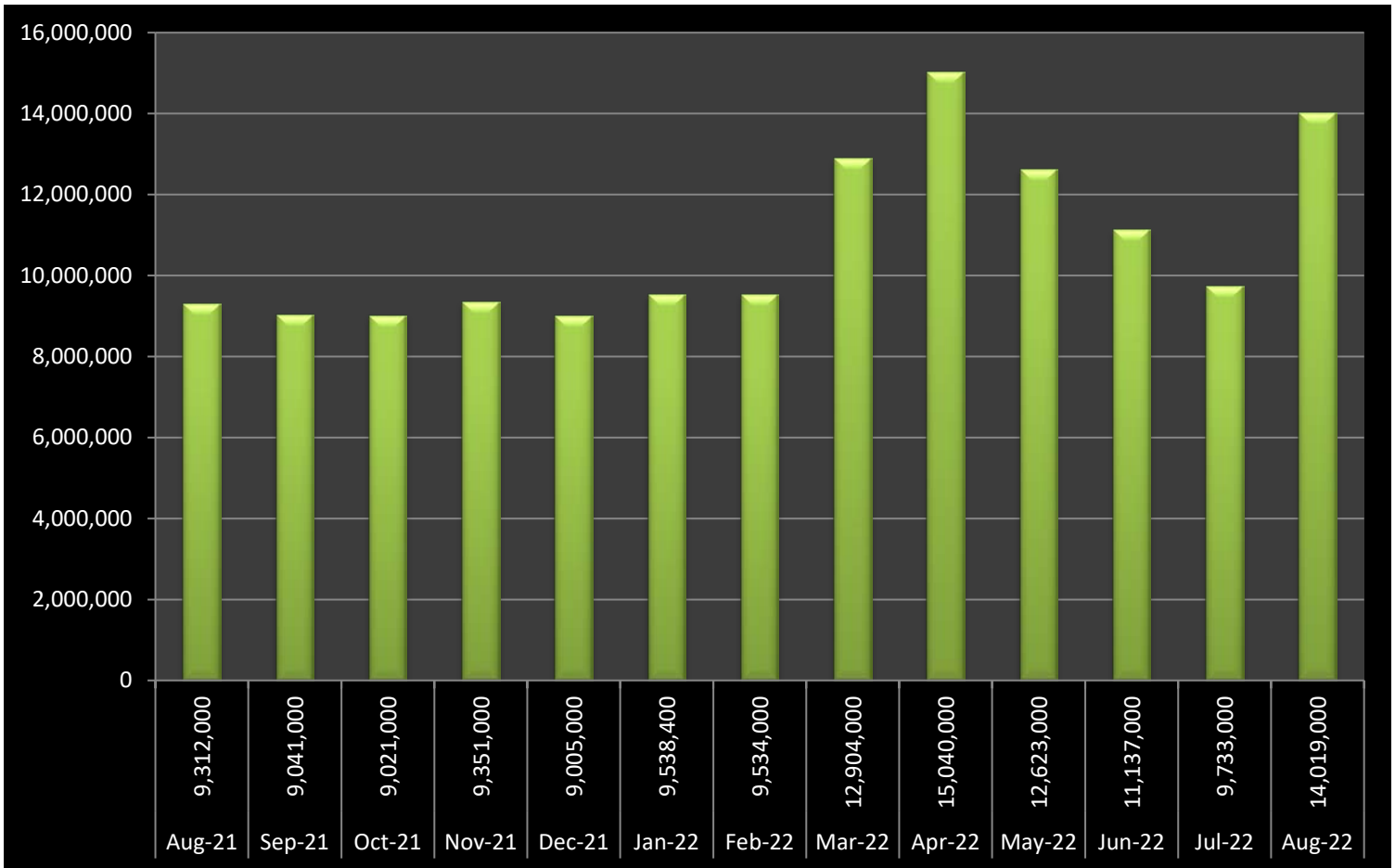
Shut-Off Service:	0
Turn On Service:	0
Final Read:	9
Courtesy Read:	1
Julie Locate Requests:	63
New Meters Installed:	0
Existing Meters Replaced with New Meters:	1
Other:	
Final Inspections:	
Total Work Orders:	11

Started the keyless entry project on Town doors.

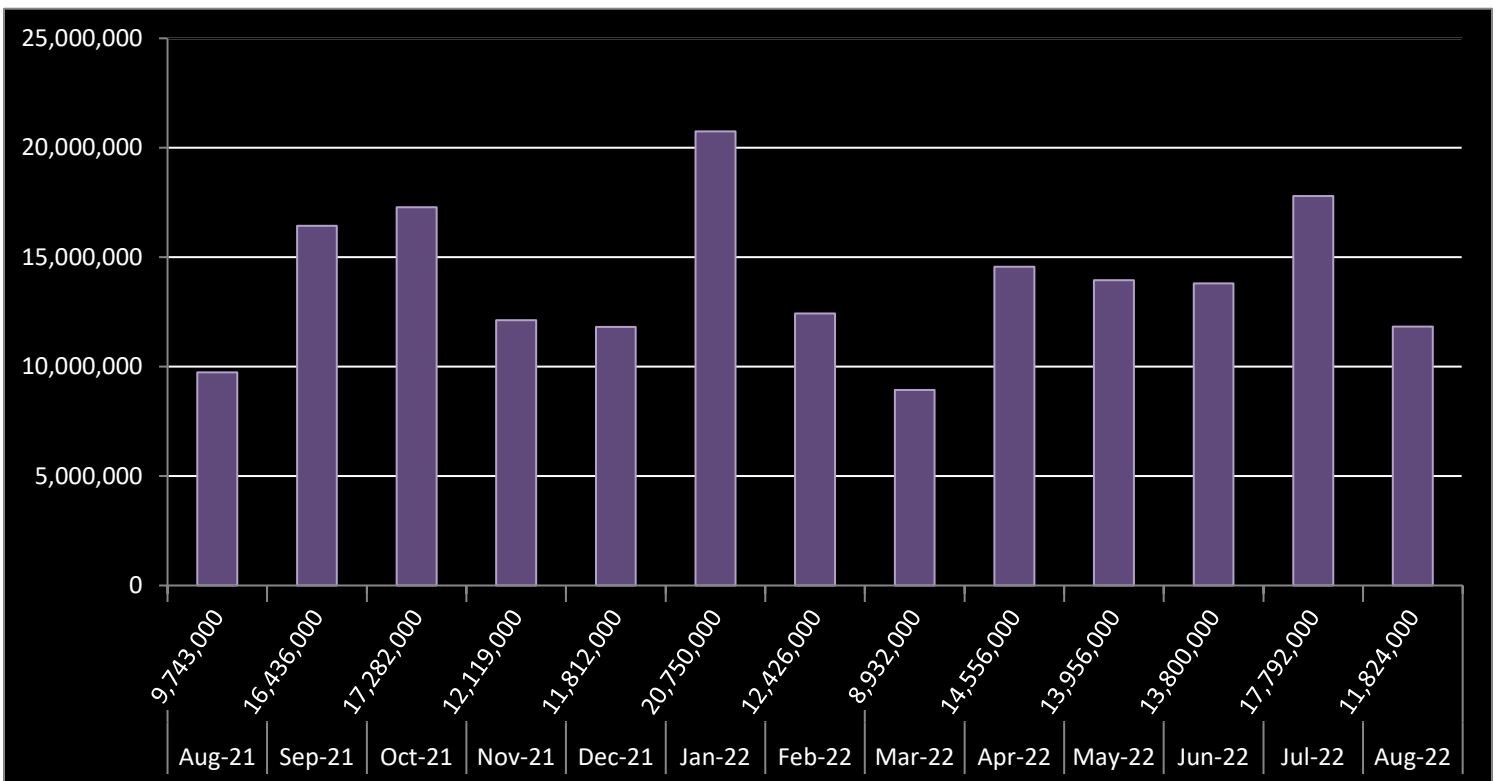
WASTEWATER

- Approx. 14,019,000 gallons flowed into the treatment plant.
- Approx. 11,824,000 gallons were discharged
- The Discharge Monitoring Report (DMR) was completed and filed with the IEPA.
- Completed monthly wastewater sampling
- Completed normal sewer main jetting.
- The liner has been repaired at the STP; I am currently gathering invoices for an insurance claim for the repairs.
- All rented pumps and hosed have been returned and normal operations have resumed at the STP.
- Installed Phosphorus testing equipment at the STP.

INFLUENT



EFFLUENT



WATER

- Completed daily lab samples related to water quality. (pH, Fluoride, Chlorine, Hardness)
- Monthly chemical injection reports were complete and mailed to the IEPA.
- Completed monthly sampling.
- Completed routine DBP sampling.
- Responded to an accident on Somonauk Rd. Town property was damaged and will be replaced in October.

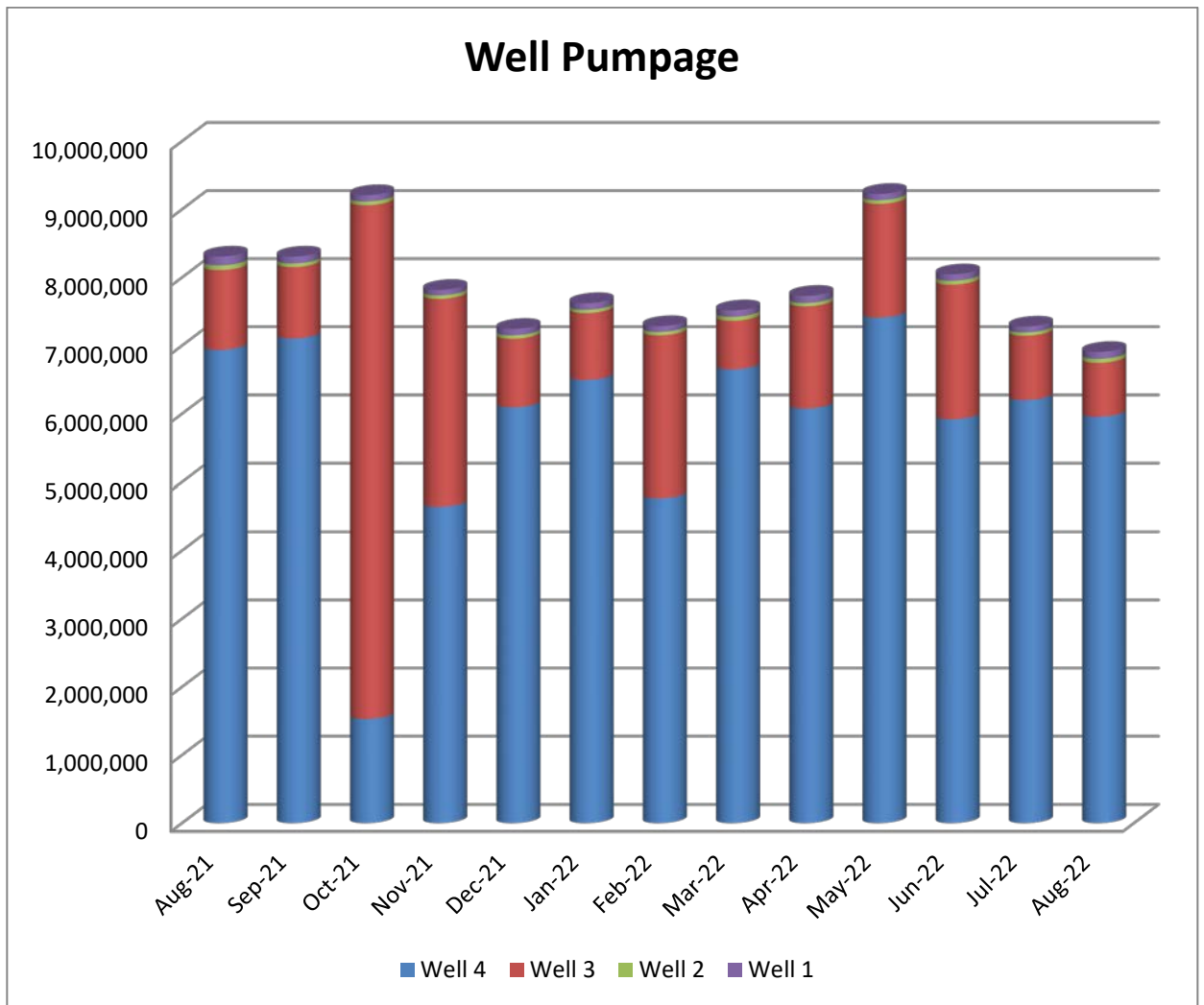


- Completed driveway repair from a water service leak.



- Repaired/retapped a water service in Chestnut Grove.





Well 1 101,200
Well 2 58,500
Well 3 791,000
Well 4 5,956,200

Total pumpage of treated water from wells for August: 6,906,900