Water and Wastewater Department Monthly Report
March 2016

Listed below is a summary of the activities the Water and Wastewater Department performed during March.

GENERAL

- Completed work orders for: Endpoint Installations: 8

  Shut-Off Service: 0

  Turn On Service: 2

  Final Read: 3

  Julie Locate Requests: 41

  New Meters Installed: 0

  Existing Meters Replaced With New Meters: 8

  Total Work Orders: 10

- Completed work on the budget.
- Attended the emergency planning meeting/exercise.
- Jeff and I attended the annual WATERCON conference in Springfield, where water/wastewater operators earn required credit hours by attending various technical sessions. Below are some of the classes we attended.

  Turbo Blowers: Various Approaches to Meet Your Needs

  Meet the IEPA Staff

  National Professional Operator Designation and Pinning Ceremony for Water & Wastewater Operators

  Disinfection Options for the Water Industry

  Incorporating the Risk Factor into a Living Water Main Replacement Program

  Water Main Replacement-When, Why, and Making the Case

  Replacement of Corroded Water Transmission Main and an Unexpected Twist

  The New Ice Age? Western Springs Water Main Ice Pigging Case Study

  Improving Illinois' Sate Revolving Loan Fund: Streamlining Access to Infrastructure Dollars

  Utilizing the Hazard Mitigation Grant Program to Protect a Sewage Pumping Station

  Case Study: How the City of Madison, WI has used AMI & Smart Metering to Become a Model Utility of the Future

  Enhanced Leak Detection Programs: Cost Savings and Multiple Other Benefits

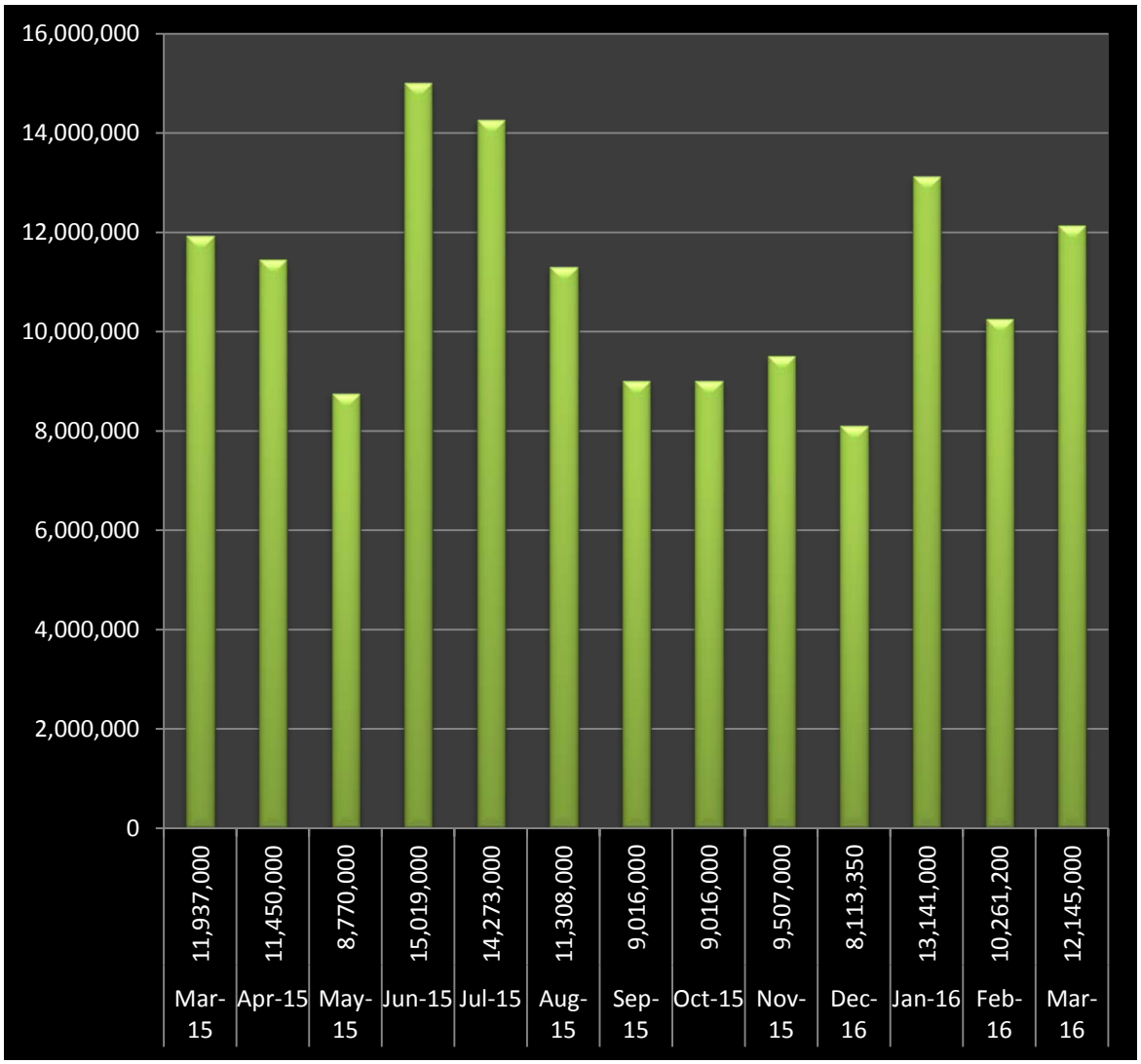
  Introduction to Low Voltage Conductivity Leak Detection Technology

  Water Efficiency Rocks: Presentation of the 2016 WaterSaver Award for Illinois

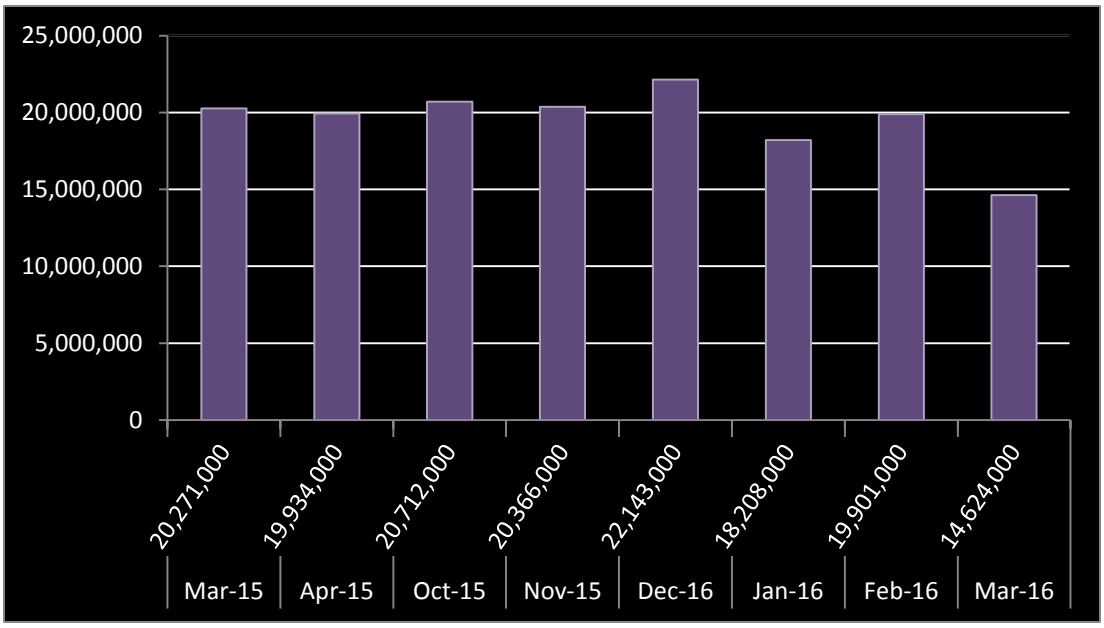
WASTEWATER

- Approx. 12,145,000 gallons flowed into the treatment plant.
- Approx. 14,624,000 gallons were discharged.
- The Discharge Monitoring Report (DMR) was completed and filed with the IEPA.
- Completed all wastewater sampling.
- Routine sewer main jetting was completed.
- De-winterized the STP and reconnected the water supply.
- Completed all first quarter monitoring well sample collection.
- Replaced transducers on influent pump #1 and disc-filter bank #3.
- Replaced the RPZ at the STP.

Wastewater Flow into Plant

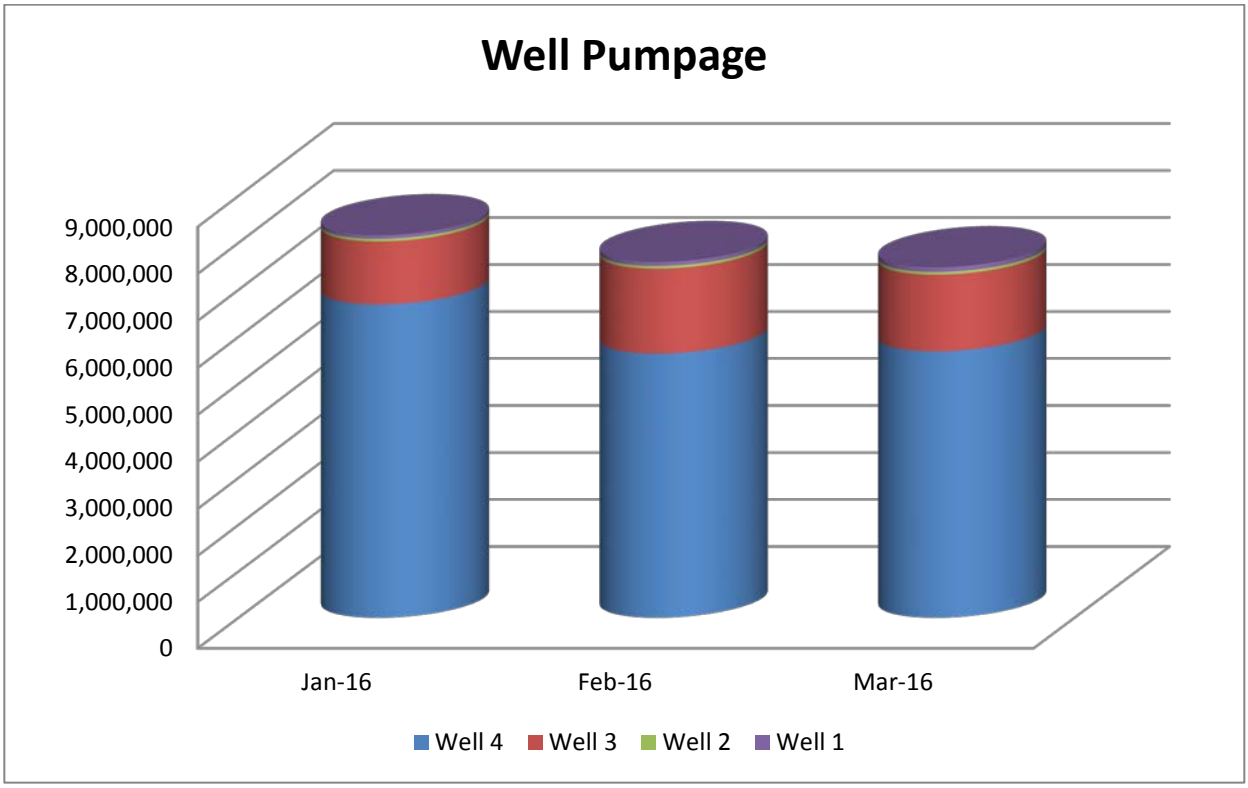


Treated Wastewater Discharged



WATER

- Completed over 466 lab samples related to water quality. (pH, Fluoride, Chlorine, Hardness)
- Monthly chemical injection reports were complete and mailed to the IEPA
- 12 Bact's and 4 Fluoride samples were collected.
- Completed delinquent cross-connection letters to various businesses and residents.
- Moved CL2 line and injection pump to closer to injection point at Well 2.
- Replaced CL2 injection point at Well 3
- Replaced CL2 injector and pump at Well 4.
- Distributed tags for delinquent utility bills.
- Completed WRT refresher training.
- Rebuilt 2 CL2 pumps.
- Completed 2015 Consumer Confidence Report.
- Located water/wastewater utilities for potential property development on Somonauk Rd.
- Completed the cross-connection survey.
- Applied for membership to ILWARN for the Town of Cortland utility department.



Well 1 97,200
Well 2 59,900
Well 3 1,631,700
Well 4 5,690,199

7,478,999 Gallons of Treated Water Was Pumped In March.