

2013 Utilities Division Year End Report

Mission Statement:

The primary responsibility of this Division is to supply the Borough of Chatham with the treatment, production, and storage of clean safe drinking water of the highest standards. The Division follows the standards set forth by the New Jersey Department of Environmental Protection, and the Federal Safe Drinking Water Act. Keep in mind that our primary goal is customer service to the residents of Chatham. The Division is also responsible for the maintenance of the sanitary sewer collection system. This includes three sewer pumping lift stations. The system is mainly gravity to the Madison-Chatham Joint Meeting Wastewater Treatment Facility. Once the Wastewater is treated for contaminants it may be returned to the environment.

The Division is also in charge of the maintenance of the Mulch resource recycling area. The Mulch area receives the yearly collection of leaves from the fall collection services the Borough provides. In addition residents can drop off grass clippings and brush. Residents can also pick up processed leaf mulch and wood mulch for gardening. In addition the Division takes care of maintenance to the recycle area on Summit Avenue. Residents can drop off recyclable materials along with textiles. A special Electronics collection was done in January and June of last year. This removes key components out of the solid waste stream.

Water Plant, Treatment, and Distribution Systems:

Regular Hours 2013 – 4515 / 0.9% Decrease

Overtime Hours – 399 / 11.3% Decrease

Regular Hours 2012 – 4556

Overtime Hours – 450

Distribution Systems:

The Division made the following repairs and or upgrades to the water system in 2013:

- Spring Hydrant flushing took place, to clear sediment and tuberculation from the water mains due to age and the pumping process.
- Eight (8) hydrants with service valves were replaced during the year (see attached chart).
- Two (2) major valves were replaced and one (1) repaired (see attached chart).
- Eleven (11) water services were replaced during the year; of those ten (10) were old Lead services (see attached chart).
- 164 water meters were replaced during the year.
- 792 requests for Utilities Water Markouts were processed during the year.
- 25 water key boxes were dug up and replaced or repaired (see attached chart).

Emergency Water System Repairs:

Two (2) water mains received emergency repairs during the year (see attached chart).

2013 Goals: Achieved

1. Replacement of Eight (8) Hydrants
2. Flushing of Hydrants in spring only
3. Radio Reading System Upgrades
4. Replacement of Lead Water Services

Rehabilitation of Well Surge Relief Valves (to be completed in early 2014)

2014 Goals:

1. Replacement of Twelve (12) Hydrants
2. Hydrant Flushing
3. Radio Read Meter Installations
4. Replacement of Lead Water Services
5. SCADA Computer System Control Updates

Sewer Collection System:

Regular Hours 2013 – 596 / 5.5% Decrease

Overtime Hours – 10.5 / 76.4% Decrease

Regular Hours 2012 – 631

Overtime Hours – 44.5

Sanitary Sewer Collection System:

32,272 feet of sewer mains were cleaned during the year. This was a decrease from 2012, when 77,793' of mains were cleaned.

Sewer Emergencies:

Three minor backups were reported to the Division during the year. All were cleared with our Jet Truck.

Maintenance of Sewer Lift Stations:

Maintenance to all three lift stations was conducted during the year. An increase of maintenance to the Riverview station was incorporated due to the type of pumps there. This involves pulling both pumps and cleaning the intake of the pump. This will increase the life and the performance of the pumps.

Sewer Repairs:

Emergency replacement of a manhole ring and cover was conducted on Pihlman Place after it was hit by a contractor's pavement milling machine in September.

2013 Goals Achieved:

1. Sewer Lift Station Maintenance
2. Sewer Jetting of 32,272 feet of sewer mains
3. Sewer Camera Inspection of Trouble Areas

2014 Goals:

1. Sewer Jetting of 100,000 feet of sewer mains
2. Sewer Camera Work
3. Sewer Pump Maintenance
4. Sewer Push Camera
5. Sewer Jet Maintenance

Mulch Area:

Regular Hours 2013 – 1,147 / 29.6% Increase

Overtime Hours – 175.5 / 0% Change

Regular Hours 2012 – 885

Overtime Hours – 175.5

The beginning of the year started off very busy. This involved hauling out of excess wood mulch from the tub grinding process. Removal of discarded Christmas trees. In March, a town wide collection of brush was conducted. Leaf windrows were constructed during the fall leaf collection season. Throughout the year leaf windrow temperatures were taken and windrows were turned. State and County officials made inspections of the area during the year. Resident's mulch deliveries were processed, and a stock pile of mulch was kept at the area for residents to pick up. Grass was removed during the year as needed.

Parks Activities:

In May of each year the Division is in charge of turning the water on to the bath house and checking the plumbing. Also we remove stored tables and chairs from the bath house to the deck area. After the season the water is turned off and the bath house is winterized for the season.

Recycle Center:

Regular Hours 2013 – 191 / 43.1% Decrease

Overtime Hours – 18.5 / 40.3% Decrease

Regular Hours 2012 – 336

Overtime Hours – 31

The Division is also in charge of the Recycling Center Depot on Summit Avenue. Weekly pick up of recycling is conducted from Borough Hall and Public Works. General maintenance is done throughout the year as needed.