



# Utilities

## Water Distribution Services

The Water Distribution Services section installs, maintains and repairs water lines that transmit the City's drinking water. If water line work is scheduled, the area which will be without water service for a period of time is given ample notice. The Water Distribution Services section is responsible for the maintenance and improvement of the City's water infrastructure, which supplies water to all City residents and businesses. The City's distribution system is comprised of approximately 72 miles of various-sized water mains and service lines, 3,000 valves, 7,000 water meters and 1,500 fire hydrants.

Water Distribution's responsibilities include responding to citizens' complaints concerning water distribution, repair, replacement, upgrading all City owned water lines as well as ensuring sufficient water pressure availability for fire protection. The Water Distribution Division also installs water meters and irrigation meters for a fee.

If you are planning a water service project involving contractors and or plumbers, you should coordinate with the Water Distribution Services section. **New installations and/or requests to turn on water should be coordinated first with the Finance Department.**

## Wastewater Services

The Wastewater Services section installs, maintains and repairs the sewer collection system that transmits the City's wastewater to the Regional Wastewater Treatment Facility in Hollywood. This section ensures sanitary collection and transmission of all wastewater to the City of Hollywood for treatment. It provides preventive maintenance, repair, and rehabilitation to lift stations, sewer lines, and force mains.

The Wastewater Services section strives to ensure equipment and component longevity, thus reducing down time and capital cost, as well as preventing infiltration of ground water into the sewer system. As a result, sewage treatment costs are reduced. Sewage is transmitted by means of gravity mains and force mains, which operate through lift stations. There are continuous safety programs which operate to ensure safe, non-hazardous transmission of sewage as a means of protecting the community and the environment.

Should you experience a sewer back-up in your home or business that may be due to a problem in the City's sewer system, please call the following numbers:

From 8:00 am to 5:00 pm - (954) 457-1600  
After working hours - (954) 457-1632

## Water Lines Maintenance

At times, water main lines may crack or break and emergency shutdown of water is required without advance notice. Another emergency which may occur is a service line break. If the water has been shut off and your meter is still running it means that you have a leak. It is your responsibility to contact a plumber to locate and repair any leak or break that is not on the City's side of the line.

## Fire Hydrants

This section also installs fire hydrants as needed. The purpose of this section is to provide and maintain water flow and fire protection throughout the City.



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## Stormwater Services

The Stormwater Services section cleans, installs and maintains the City's storm water drainage system which is comprised of approximately 3,000 drains. This section also maintains numerous pump stations. As mandated by the Department of Environmental Protection, the program includes continuous monitoring, sampling, testing and surveying of the storm drains.

The storm drains serve the purpose of alleviating flooding. From the storm drain, the water disperses into canals, lakes or into the ground.

After a major rain fall, it takes a minimum of 24 hours for the waters to drain. If you still notice a substantial amount of standing water after the 24 hour period, please call the City at (954) 457-1600.

### **Contact for Flooding Problems**

If there is a persistent flooding problem in your area, please contact the City Engineer at (954) 457-1623. If you witness someone pouring or disposing any materials into a storm drain, call the Police immediately at (954) 457-1400.

The City is constantly working at improving the drainage system throughout the City. Currently the City has several drainage Capital Improvement Project underway; visit the Capital Improvement Projects page of the website for more information.

## Water Production Services

The Water Production Services section is responsible for producing potable drinking water for consumption by the citizens of Hallandale Beach. This section operates 24 hours per day to produce a water quality that complies with regulatory standards and in quantities sufficient to fulfill domestic, industrial and fire-fighting demands.

**To view a copy of the Annual Water Quality Report please follow this [link](#)**

### **History**

The City of Hallandale Beach operates its own water treatment plant facility. The City's original treatment plant was constructed in its present location in 1951. Major plant expansions occurred in 1968 and again in 1981.

In 2008, the City put into operation a state of the art Nanofiltration water treatment plant. This method operates in the pressure range of 90 to 150 PSI. Its purpose is to remove organic color from the untreated water as well as some degree of softening. The plant has a 6 million gallon/day (MGD) capacity with two membrane skids. One skid is used at a time treating 3 MGD on a constant rotational basis every other day. This plant effluent is blended with the lime softened effluent from the original lime treatment plants to produce a balanced water effluent of 6MGD. These water plants provide potable water for all services within the boundaries of the City.

The American Water Works Association - Region 6- awarded the City the Best Tasting Drinking Water Award for 2010; a recognition of great prestige and value given that it was obtained after only 2 years of the Nanofiltration plant's being in operation.

### **Resources**

Water for the City's treatment facility is supplied by groundwater. The Biscayne Aquifer is presently the sole resource for the City's water supply. The production wells that supply the City with ground water are all approximately 100 feet deep. Two wellfields supply the City with untreated well water. One wellfield belongs to the City and is comprised of four wells and the other wellfield is located in Broward County's Regional Wellfield located in Brian Piccolo Park and is comprised of two wells.

### **Treatment Facilities**

The City's present water treatment process consists of lime softening, filtration, fluoridation, and disinfection. The existing plant's production capacity is 10.0 million gallons per day. Average daily consumption by the City is currently about 6.0 million gallons. For reserve capacity, and for fighting fires, there is 4.0 million gallons of ground storage located at the water plant compound. The City also has one elevated storage tank. The City's iconic beach ball elevated water tank is located on the beach at the end of Hallandale Beach Boulevard.

### **Staffing**

The City's water plant is staffed by state certified water treatment plant operators 24 hours/day, 365 days/year. The operators continually monitor the treatment process to assure the City's drinking water is safe for human consumption. The operators manage flows entering the plant and water pressure leaving the plant to assure there is sufficient water for public health and firefighting.