



# Plan It! Pompano

## SANITARY SEWER SUB-ELEMENT

**Purpose and Direction:** The purpose of the Sanitary Sewer Sub-element is to set the policy direction to enable delivery of wastewater collection, transmission and treatment services that are efficient, reliable and protect the environment and neighborhoods from avoidable sewage spills due to infrastructure operation, maintenance, or design failures.

The goal of this sub-element is to provide wastewater systems designed and maintained at the highest level to be durable, resilient, and sustainable to serve future generations to the maximum extent feasible and cost effective.

## Goals, Objectives, and Policies

**Goal 6:** Sanitary Sewer service shall be provided and maintained in an efficient and cost effective manner that will ensure public health, safety and quality of life, while protecting the environment.

### Objective 06.01.00 – City Service Area

The City will provide sanitary sewer service to the remaining unserved developed areas of the City's Utility Service Area.

#### Policy 06.01.01

Improvements in areas already developed but which are not presently served by sanitary sewers and in the Pompano Canal Water Body Identification (WBID) shall be high priority capital projects.

#### Policy 06.01.02

Where sanitary sewer infrastructure is required concurrent with private development, it shall be the responsibility of the developer to provide these systems (except in unique State or Federal grant situation).

#### Policy 06.01.03

Whenever possible, the City shall attempt to supplement sanitary sewer improvements with funding from County, State and Federal sources.

#### Policy 06.01.04

The City shall require that all new residential, commercial and industrial development be serviced by centralized wastewater systems.

#### Policy 06.01.05

The City shall comply with all operations and reporting regulations.

#### Policy 06.01.06

The City shall follow recommended maintenance industry standards and construct required improvements to assure proper operating capabilities as in Capacity Management and Operation Maintenance (CMOM) as recommended in the approved Sanitary Sewer Master Plan.

#### Policy 06.01.07

The City of Pompano Beach will continue to provide and maintain sanitary sewer services to sections of the Town of Lauderdale by the Sea to ensure public health, safety and quality of life per the current agreement.

### Objective 06.02.00 – Level of Service

The following level of service standards shall be the minimum levels of service standards for the providers of sanitary sewer services within the city limits of the City of Pompano Beach.

Pompano Beach: 17 million gallons per day in Treatment Design Capacity  
14.68 million gallons used per day in 2018  
Broward County: 95.000 million gallons per day in Treatment Design Capacity  
70.500 million gallons used per day in 2018

#### Areas served by Septic Tanks

- Area "A" – mainly city property, will be served with sewer within this planning horizon.
- Area "B" – redevelopment will be required to install sanitary sewer in this area
- Area "C" - sanitary sewer system is under design
- Area "D" – sanitary sewer system has been completed and is operational
- Area "E" – redevelopment will be required to connect to Broward County's system

**Policy 06.02.01**

The City shall continue to monitor Broward County Water and Wastewater Services, the provider of sanitary sewer treatment services, on an annual basis in order to ascertain that the established levels of service standards are maintained.

**Policy 06.02.02**

Capital improvement projects undertaken to maintain the established levels of service will be implemented, when needed, and at such time as improvements are identified, they will be included in the Capital Improvement Element of the Comprehensive Plan.

**Policy 06.02.03**

Review the adequacy of capacity every five years as part of the Wastewater Master Plan update.

**Objective 06.03.00 – Other Service Providers**

Broward County Water and Wastewater Services shall provide and maintain sanitary sewer service in their service area to ensure public health, safety and quality of life.

**Policy 06.03.01**

Improvements in areas already developed but which are not presently served by sanitary sewers and are in the Pompano Canal Water Body Identification (WBID) watershed shall be high priority capital projects.

**Policy 06.03.02**

Whenever possible, Broward County Water and Wastewater Services should attempt to supplement sanitary sewer improvements with funding from other sources, in order to keep costs low for residents and businesses.

**Policy 06.03.03**

Broward County Water and Wastewater Services should require that all new residential, commercial and industrial development be serviced by centralized wastewater systems where financially feasible.

**Objective 06.04.00 – Improvement Needs**

The City Utilities Department will continue to assess the sanitary sewer collection and transmission infrastructure and correct deficiencies in a timely manner.

**Policy 06.04.01**

The City Utilities Department will prepare/update a sanitary sewer master plan every five years, as needed, in order to assist with the prioritization of the Capital Improvement Plan projects.

**Policy 06.04.02**

The City's Capital Improvement Plan shall be the yearly funding document for the rehabilitation or replacement of the City's sanitary sewer facilities.

**Policy 06.04.03**

The City's Utilities Department will assess periodically the City's sanitary sewer system through a Capacity Management and Operation Maintenance (CMOM) Plan or other assessment tool, such as televised inspections or hydraulic modeling, in order to assist with the prioritization of Capital Improvements for maintenance and/or capacity improvements.

**Policy 06.04.04**

The City's Utilities Department will continue to perform normal operating maintenance and repairs as needed to minimize emergency repairs.

**Policy 06.04.05**

The City's Utilities Department will continue to monitor and assess the condition of Lyons Park (Design/2019 – Construction/2020) and Liberty Park sanitary sewer lines and facilities to determine the feasibility of implementing capital projects to relocate sanitary sewer lines presently located in the rear yard easements, or identify emerging technologies which would allow for in place rehabilitation of gravity sewer lines.

**Policy 06.04.06**

The City's Utilities Department shall manage the City's sanitary sewer system and facilities in order to minimize any impacts to the environment.

**Policy 06.04.07**

The City's Utilities Department shall monitor and minimize the inflow and infiltration into the sanitary sewer system.

**Policy 06.04.08**

The City's Utilities Department shall maintain adequate resources (staff and equipment) to respond to operational problems before they become sanitary sewer overflows, which may impact the environment.

**Policy 06.04.09**

When public power is interrupted the City's Utilities Department shall have adequate portable or stationary generators, or portable automatic by-pass pumps to maintain service to City's lift stations.

**Policy 06.04.10**

Private lift stations shall have the proper signage as required by Florida Administrative Code Chapter 62-604, Broward County Code of Ordinances Chapter 27.

**Objective 06.05.00 – Coordination**

The City shall coordinate with Broward County Water and Wastewater Services, which serves customers inside the City limits and provides wastewater treatment through the Large User Agreement.

**Policy 06.05.01**

Coordinate with Broward County Water and Wastewater Services for the provision of wastewater services to City of Pompano Beach residents who are located in Broward County's service area.

**Policy 06.05.02**

Maintain the Large User Agreement with Broward County for the provision of wastewater treatment services

**Policy 06.05.03**

Obtain and maintain the memorandum of agreement with Broward County Water and Wastewater Services which allows the City to receive wastewater for treatment into reuse water.

**Policy 06.05.04**

Maintain and increase the wholesale reuse water contract with Broward County Water and Wastewater Services for their service area

**Policy 06.05.05**

Maintain the agreement with the Town of Lauderdale by the Sea for the transmission of raw sewage received from the Town of Lauderdale by the Sea master lift station at Seagrape Drive be treated at the Broward County Wastewater Treatment Plant.

**Policy 06.05.06**

Maintain the agreement with FDOT for the acceptance of raw sewage from the Florida's Turnpike's Pompano Beach service plaza.

**Policy 06.05.07**

Continue coordinating with other utilities and the scientific community to find the ultimate water-supply solution of large-scale, affordable treatment processes that improve wastewater treatment to the point where treated wastewater can be re-used as drinking water.

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**Objective 06.06.00 – Funding**

Continue to operate the sanitary sewer system as an enterprise fund.

**Policy 06.06.01**

Continue the practice of hiring a consultant to do a yearly rate study on the sanitary sewer rates to insure that the rates are sufficient to support the water and sanitary sewer bonds, needed capital improvements and operating expenses for the sanitary sewer system,

**Policy 06.06.02**

Adjust sanitary sewer rates in accordance with the rate study.

**Policy 06.06.03**

To reduce the discharge of treated wastewater through the ocean outfall or into deep wells, to reduce the use of potable water for irrigation, and to provide additional funding to support the expansion of the reuse water infrastructure system, consider making the connection and use of available reuse water mandatory in all service areas in the City.