

CITY OF DETROIT FISCAL 2009/10 BUDGET

AGENCY 42 SEWERAGE

STATEMENT OF PURPOSE

The Sewerage Division of the Water and Sewerage Department treats combined sewerage collected throughout the service area so that the treated effluent is in compliance with the requirements established by the U.S. Environmental Protection Agency and the Michigan Department of Natural Resources.

DESCRIPTION

The Sewerage Disposal System is administratively part of DWSD, but maintained as a separate Fund in the City of Detroit's Accounting System. DWSD operates one wastewater treatment plant which is located at 9300 W. Jefferson. This facility serves approximately 2.9 million people in Detroit and seventy-seven other communities in Southeastern Michigan. DWSD's sewer system originated in 1836, and today consists of 14 pump stations, three storm water detention basins and a total of 3,000 miles of sewer lines that carry rainwater and wastewater to the Wastewater Treatment Plant – the largest single-site wastewater treatment facility in the country.

The Sewerage Disposal System's primary role is to convey and treat the sanitary and combined sewage collected throughout the service area in accordance with applicable service agreements so that the public health is protected and the treated effluent discharged to the Detroit River is in compliance with the limits established by the Department's National Pollution Discharge Elimination System Permit and other applicable laws, rules and regulations imposed by the Federal Court, the U.S. Environmental Protection Agency, Wayne County, Michigan Department of Environmental Quality and the Division of Public Health regarding wastewater, air pollution and solid waste disposal.

The plant has the capacity to treat sanitary sewerage of a maximum flow of 859 million gallons per day (mgd) and a capacity to treat up to 1,520 mgd of a combination of sanitary and storm flow while consistently meeting or exceeding permit requirements for effluent quality. The plant also produces approximately 1,000,000 wet tons of wastewater residuals each year which are either incinerated in compliance with applicable air pollution control laws or transported to commercially operated landfills in western Wayne and Macomb Counties.

GOALS

1. To implement the policies of the Board, Charter requirements and Federal mandates for supplying water and sewerage services.
2. To provide an adequate level of trained personnel to operate the sewerage systems.
3. To educate and inform both retail and wholesale customers and the community about important DWSD projects, initiatives, and wastewater issues.

DEPARTMENTAL FINANCIAL INFORMATION

	ENTERPRISE FUND	TOTAL
EXPENDITURES	\$490,133,497	\$490,133,497
REVENUES	<u>490,133,497</u>	<u>490,133,497</u>
NET TAX COST	\$ 0	\$ 0
POSITIONS	1,157	1,157