

DEPARTMENTAL BUDGET INFORMATION WATER (41)

MISSION

The Detroit Water and Sewerage Department (DWSD) will exceed our customer's expectations through innovative treatment and transmission of water and wastewater that promote healthy communities and economic growth.

DESCRIPTION

The Water Supply System is administratively part of the Detroit Water and Sewerage Department while maintained as a separate fund in the City of Detroit's accounting system. The department operates five water treatment plants and twenty booster (re-pumping) stations and nineteen reservoirs. Of these five water plants, two plants are located in Detroit and one each is located in Allen Park, Dearborn and Port Huron. There are three sources of raw water supply -- Detroit River at Fighting Island, Detroit River at Belle Isle and Lake Huron north of Port Huron. DWSD's five water treatment plants pump an average of 600 million gallons of clean drinking water each day.

The Water Supply System's primary role is to provide potable water for nearly 4 million residents in Southeastern Michigan, delivered at various points in the system at adequate pressure to meet our customers' needs. The water provided is in conformance to applicable standards as required by Michigan's Safe Drinking Water Act. The department furnishes sufficient water pressure and pipeline service to assure acceptable fire protection.

The water system serves a total population of nearly 4 million people in Detroit and in

125 other communities within a 1,011 square mile service area in southeastern Michigan. The main administrative offices are located at 735 Randolph in downtown Detroit. Approximately 3,400 miles of transmission and distribution mains within the City of Detroit, and 402 miles of transmission lines in the remaining service area are owned and maintained by the department.

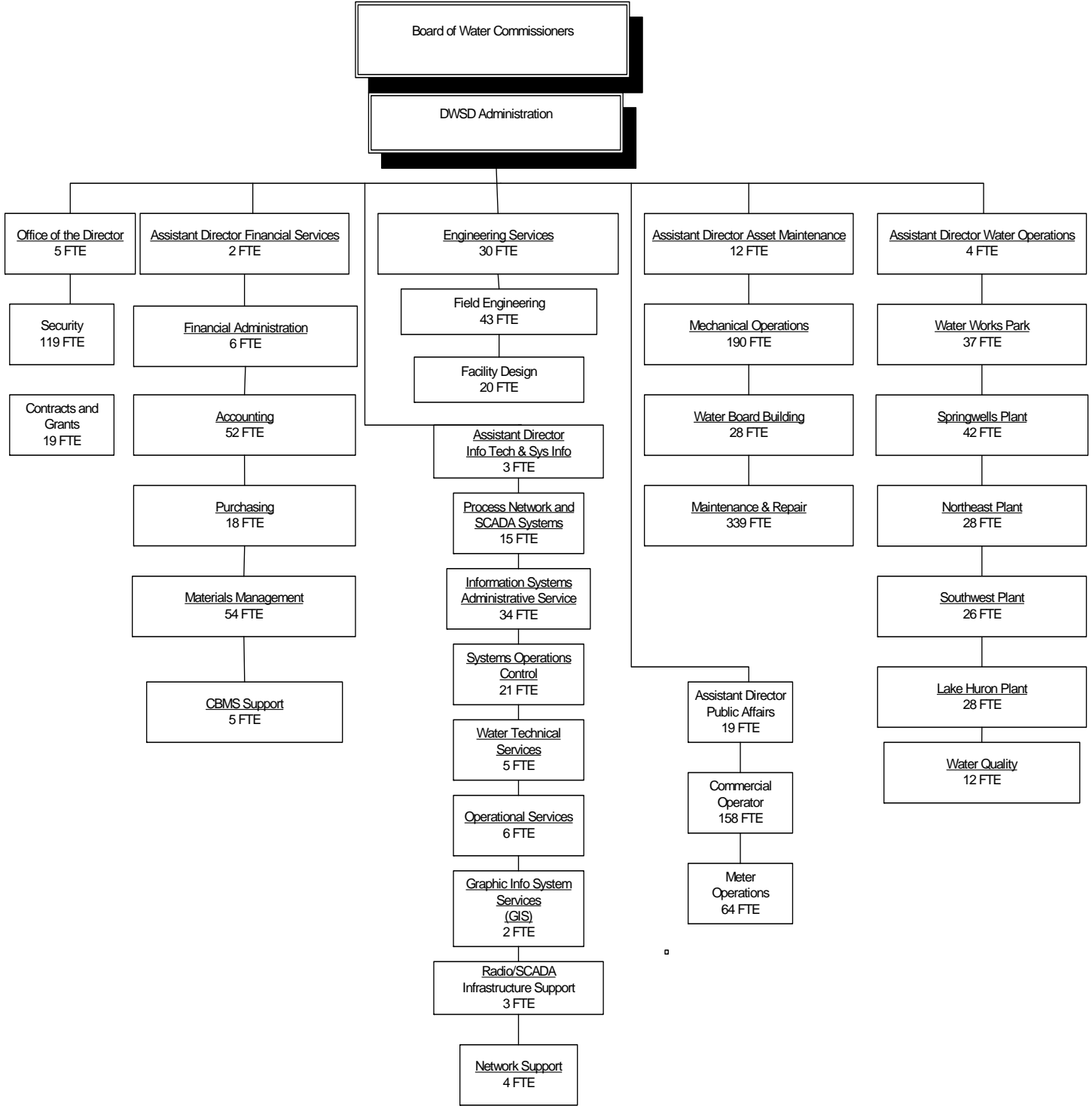
MAJOR INITIATIVES FOR FY 2011-12

- The department is upgrading EMPAC, a work order asset management application because the current version is no longer supported by the vendor and is not compatible with the other software applications it interfaces with.
- As a result of the November 4, 2011 decision by Judge Cox, DWSD will establish its own Human Resources, Law and Procurement divisions to achieve sustained compliance.

PLANNING FOR THE FUTURE FY 2012-13, FY 2013-14 and BEYOND

- The department is updating the Water Master Plan for a 20 year period, which will include a review of previous/ongoing studies, regulatory mandates under the Clean Water Act, obligations by DWSD to the customers through the model contract and DWSD policies.

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PERFORMANCE GOALS MEASURES AND TARGETS

Type of Performance Measure: List of Measures	2010-11 Actual	2011-12 Projection	2012-13 Target
Inputs: Resources Allocated or Service Demands Made			
Wholesale Meter Replacement	10	15	15
Commercial/Industrial Meter Replacement (System Total – 16,000)	300	50	50
Residential Meter Replacement (System Total 260,000)	12,000	15,000	15,000
Outputs: Units of Activity directed toward Goals			
Populations served – City	900,000	900,000	900,000
Populations served – Suburban	3.3 million	3.3 million	3.3 million
Main leaks and breaks repaired	1,200	1,200	1,500
Fire hydrants repaired or replaced	3,500	3,500	4,000

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EXPENDITURES

	2010-11 Actual Expense	2011-12 Redbook	2012-13 Mayor's Budget Rec	Variance	Variance Percent
Salary & Wages	\$ 126,342,384	\$ 36,772,678	\$ 40,083,772	\$ 3,311,094	9%
Employee Benefits	97,552,399	29,525,689	30,170,634	644,945	2%
Prof/Contractual	120,183,162	32,466,846	30,023,629	(2,443,217)	-8%
Operating Supplies	19,238,715	21,979,680	22,892,862	913,182	4%
Operating Services	59,090,466	53,366,033	51,655,145	(1,710,888)	-3%
Capital Equipment	4,286,675	7,508,277	7,508,277	0	0%
Capital Outlays	5,016	84,757	84,757	0	0%
Fixed Charges	152,237,931	164,909,500	172,895,200	7,985,700	5%
Other Expenses	24,613,039	339,341,480	38,577,979	(300,763,501)	-89%
TOTAL	\$ 603,549,787	\$ 685,954,940	\$ 393,892,255	\$ (292,062,685)	-43%
POSITIONS		1,717	1,453	(264)	-15%

REVENUES

	2010-11 Actual Revenue	2011-12 Redbook	2012-13 Mayor's Budget Rec	Variance	Variance Percent
Fines/Forfeits/Penalties	\$ 324,363	0	0	0	0%
Rev from Use of Assets	26,854,466	11,014,100	2,744,100	(8,270,000)	-75%
Sales & Charges	323,867,295	374,690,800	389,936,000	15,245,200	4%
Sales of Assets	241,325	0	0	0	0%
Miscellaneous	347,582	300,250,040	1,212,155	(299,037,885)	-100%
TOTAL	\$ 351,635,031	\$ 685,954,940	\$ 393,892,255	\$ (292,062,685)	-43%