

DEPARTMENTAL BUDGET INFORMATION WATER (41)

MISSION

The Detroit Water and Sewerage Department (DWSD) will exceed our customers' 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 20 booster (re-pumping) stations and 19 reservoirs. Of these five water plants, two plants are located in Detroit and one each 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 four million residents in Southeastern Michigan, delivered at various points in the system at adequate pressure to meet our customers' needs. The water provided conforms to applicable standards as required by Michigan's Safe Drinking Water Act. The department furnishes sufficient water pressure and pipeline service to ensure acceptable fire protection.

The water system serves a total population of nearly four million people in Detroit and in 127 other communities within a 1,079-square mile service area in southeastern Michigan. The main administrative offices are located at 735 Randolph in downtown

Detroit. Approximately 3,438 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.

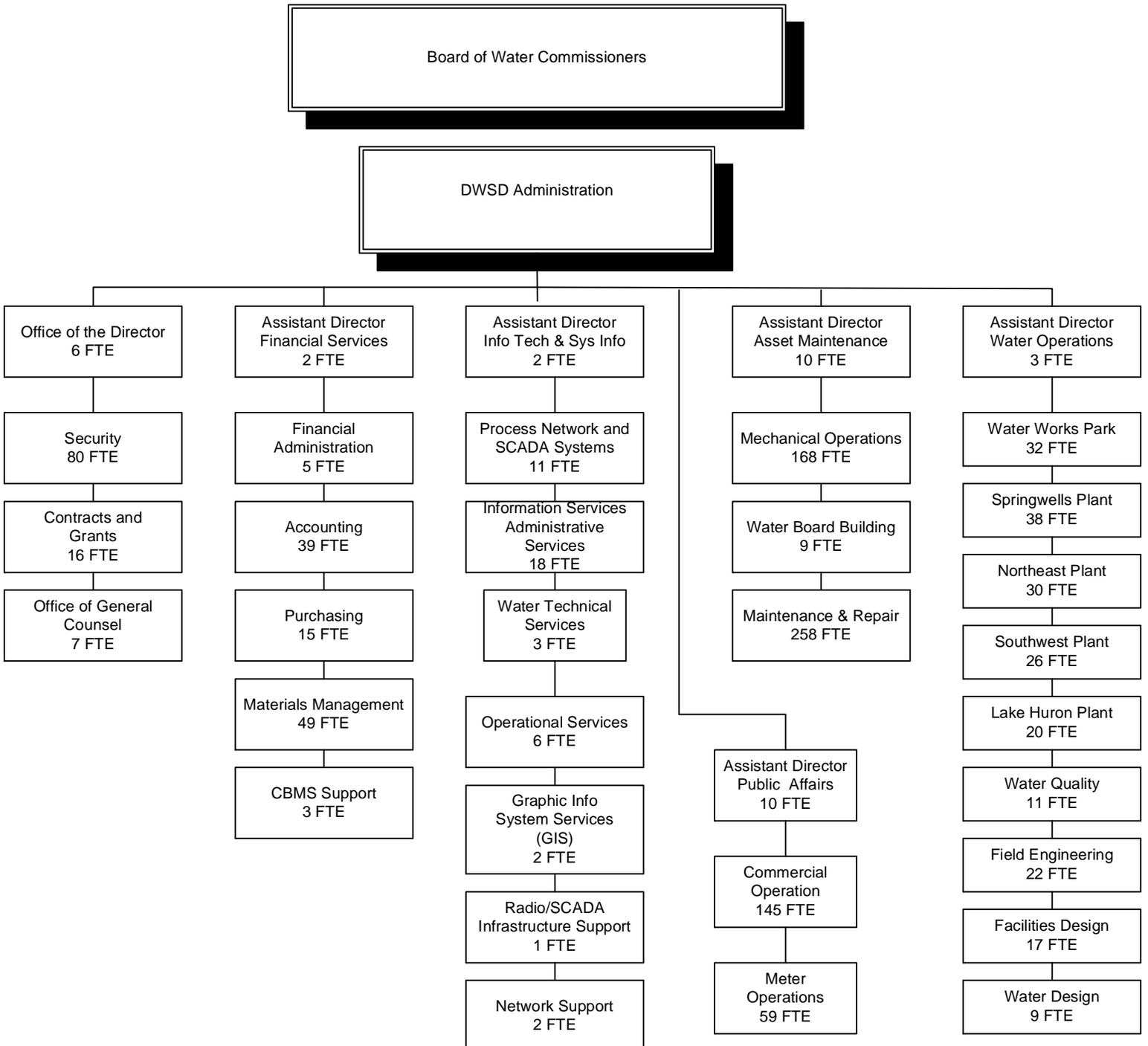
MAJOR INITIATIVES FOR FY 2012-13

- The department is upgrading EMPAC, a work order asset management application to replace the current version that is no longer supported by the vendor.
- As a result of the November 4, 2011 decision by Judge Cox, DWSD is establishing its own Human Resources, Law and Procurement divisions to achieve sustained compliance.

PLANNING FOR THE FUTURE FOR FY 2013-14, FY 2014-15 and BEYOND

- DWSD is initiating a study contract that will update the current water master plan that is expected to be completed in two years. The Master Plan Update will provide strategic direction for mid- and long-term capital planning for the five water treatment plants, booster stations, water mains and transmission mains in the next 20 years.
- Springwells Water Treatment Plant is the oldest plant and requires significant rehabilitation. Major capital improvements including 1958 Filter Rehabilitation (SP-563) are planned for the plant, which will restore filtration capacity, sustain the useful service life of the buildings and process treatment infrastructure, and protect water quality and public health. SP-563 is expected to be completed in four to five years.

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PERFORMANCE GOALS MEASURES AND TARGETS

Type of Performance Measure: List of Measures	2011-12 Actual	2012-13 Projection	2013-14 Target
Inputs: Resources Allocated or Service Demands Made			
Wholesale Meter Replacement	15	15	
Commercial/Industrial Meter Replacement (System Total – 16,000)	300	50	
Residential Meter Replacement (System Total 260,000)	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			
Fire hydrants repaired or replaced			

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EXPENDITURES

	2011-12 Actual Expense	2012-13 Redbook	2013-14 Mayor's Budget Rec	Variance	Variance Percent
Salary & Wages	\$ 118,711,547	\$ 40,083,772	\$ 31,812,623	\$ (8,271,149)	-21%
Employee Benefits	103,153,045	30,170,634	37,616,950	7,446,316	25%
Prof/Contractual	120,568,468	30,023,629	43,031,117	13,007,488	43%
Operating Supplies	16,190,919	22,892,862	19,061,369	(3,831,493)	-17%
Operating Services	54,478,953	51,655,145	47,240,015	(4,415,130)	-9%
Capital Equipment	5,189,943	7,508,277	7,508,277	-	0%
Capital Outlays	546	84,757	63,717	(21,040)	-25%
Fixed Charges	150,459,906	172,895,200	182,943,500	10,048,300	6%
Other Expenses	15,421,001	38,577,979	27,458,771	(11,119,208)	-29%
TOTAL	\$ 584,174,328	\$ 393,892,255	\$ 396,736,339	\$ 2,844,084	1%
POSITIONS	-	1,717	1,453	(264)	-15%

REVENUES

	2011-12 Actual Expense	2012-13 Redbook	2013-14 Mayor's Budget Rec	Variance	Variance Percent
Fines/Forfeits/Penalties	\$ 114,007	\$ -	\$ -	\$ -	0%
Rev from Use of Assets	83,289,273	2,744,100	2,825,900	81,800	3%
Sales & Charges	347,609,649	389,936,000	391,964,800	2,028,800	1%
Sales of Assets	406,505	-	-	-	0%
Miscellaneous	397,625	1,212,155	1,945,639	733,484	61%
TOTAL	\$ 431,817,059	\$ 393,892,255	\$ 396,736,339	\$ 2,844,084	1%