

## *SPECIAL REVENUE FUNDS*

### *244 - PUBLIC IMPROVEMENT DRAIN FUND*



The mission of the Public Improvement Drain Division of the Department of Public Service (DPS) is to provide for the effective administration of the City's drainage and floodplain regulations (Chapter 114 of the Code of Ordinances) related to land improvement and development within the City and to efficiently administer the regulation of and compliance with the National Pollutant Discharge Elimination System (NPDES) Municipal Separated Storm Sewer System (MS4) regulations.

There are currently twenty-eight Chapter 20 Drains in service within the City. Storm water issues fall within the parameters of the Public Improvement Drain Fund. Large-scale public drainage improvements are constructed and maintained by the Oakland County Water Resources Commission (OCWRC). Construction is funded through this cost center under Chapter 20 of the Drain Code.

Except for county-owned drainage systems, storm sewers, detention basins, and other storm water facilities are owned by various subdivision associations or by the public at-large. The City historically has played only a regulatory role in the maintenance of these storm water systems. Given the age of infrastructure, lack of adequate maintenance to existing facilities, and EPA regulations related to storm water management, the City is more aggressively evaluating its role in storm water management.

#### **Goals:**

- Regulate land development under the provision of Title 114 of the City Ordinance as it relates to storm water drainage and flood plain issues.
- Provide the necessary funding to allow the Oakland County Water Resources Commission (OCWRC) to design, construct, preserve, and maintain drainage facilities in the community as provided for under the Public Drain Code so as to provide an adequate outlet for storm water conveyance where flooding and poor drainage conditions occur.
- Monitor and inspect existing storm water facilities within the City for on-going compliance with ordinances and maintenance agreements.
- Continue compliance with the EPA NPDES Phase II permitting requirements.
- Continue to participate and support the Alliance of Rouge Communities (ARC).
- Develop strategies for storm water maintenance utilizing the Asset Management system.
- Explore alternative and complementary funding sources.

#### **Objectives:**

- Develop a comprehensive Storm Water Management Policy that defines the role of the City in storm water management issues and defines a mechanism for funding capital improvements, operations, and maintenance of all drainage systems within the City.
- Plan and implement the actions identified in the City's current Storm Water Pollution Prevention Initiative (SWPPI).
- Develop an updated SWPPI that meets the requirements of the 2008-2013 MS-4 permit.
- Participate and support the activities of the Storm Water Advisory Groups (SWAG) for the Red Run, Clinton Main, Stoney/Paint Creeks, and the Rouge Main 1-2 Sub-Watersheds.

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- Cooperate with the OCWRC to reach compliance requirements of the Soil Erosion and Sedimentation Act.
- Evaluate the application of enabling legislation for the development of funding strategies in order to meet the Federally required (but unfunded) mandates for storm water maintenance.
- Continue to evaluate and seek grant opportunities to assist with achieving the goals and objectives of the City.
- When possible, partner or share resources with other entities to effectively and efficiently meet the goals and objectives of the City.
- Provide limited technical assistance to land owners regarding their storm system and surface drainage issues.
- Continue the planning, design, construction, and if necessary, right-of-way acquisition for improvements based on the following projects listed in the CIP:
  - SW-03B Karas Creek Bank Stabilization
    - \$40,000 Preliminary Engineering (City Share = 50%)
  - SW-08B Clinton River Channel Restoration
    - \$190,000 Construction (City Share = 50%)

**Significant Revenue, Expenditure, Staff, & Program Notes:**

- 501000 / Grants was added [\$115,000] due to the anticipation of storm water grants to offset a portion of capital improvements. The identified capital improvements will not move forward if grant funding is not awarded.
- 664001 / Interest & Dividend Earnings decreased [(54%) or (\$70,000)] due to lower fund balance levels and interest rates anticipated.
- 687000 / Refunds & Rebates was added [\$15,700] due to the anticipation of West Nile Virus reimbursement.
- 699101 / Transfer-In: General Fund increased [23% or \$159,030] due to a reduction in drain related revenues combined with an increase in expenditures, primarily due to a reallocation of street sweeping charges and an increase in projected drain maintenance charges assessed by the Oakland County Water Resource Commission.
- Personnel Services increased [2.8% or \$11,020] due to staffing reallocations in order to perform increased levels of drain maintenance activities.
  - + 0.20 FTE Engineering Aide
  - - 0.10 FTE City Engineer
  - + 0.05 FTE Director of Public Services
- 801000 / Professional Services decreased [(27%) or (\$20,000)] due to the anticipated completion of the Wood Debris Management Study in FY 2009 as well as a reduction in Plan Review and Geotechnical Review services.
- 802000 / Interfund Charges: Administration decreased [(17%) or (\$16,040)] as the Drain Fund is a smaller proportion of the overall 2010 City budget.
- 802001 / Interfund Charges: MIS decreased [(6.6%) or (\$4,830)] due to a smaller proportion of Drain Maintenance supported applications and maintenance.
- 802004 / Interfund Charges: Fleet Vehicles increased [408% or \$61,200] due to a reallocation of existing street sweeping expenditures between the Major Road, Local Street, and Drain Maintenance Funds.

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- 802005 / Interfund Charges: Facilities decreased [(11%) or (\$4,220)] due to a reduction in costs associated with the operations of the new DPS Facility.
- 807000 / Contractual Services increased [13% or \$9,500] due to an increase in Underground Excavating services.
- 931000 / Maintenance: OCWRC increased [100% or \$50,000] due to an increasing trend in Chapter 20 drain maintenance performed by the Oakland County Water Resources Commission (OCWRC).

2010 Budget Summary Report						
244 Drain Maintenance Fund Revenues	2008	2008	2009	2009	2010	2011
	Amended Budget	Audited Actual	Amended Budget	June YTD Actual	Adopted Budget	Projected Budget
Fund Balance to Balance	\$ 1,493,300	\$ -	\$ 1,039,160	\$ -	\$ 115,000	\$ 57,500
City Taxes	-	786	-	-	-	-
Licenses & Permits	100	3,000	-	500	-	-
Charges for Service	61,200	52,635	47,700	24,964	47,700	47,700
Investment Earnings	180,000	234,684	130,000	1,504	60,000	40,000
Other Revenue	26,740	46,947	-	635	130,700	73,200
Transfers - In	558,320	558,320	907,630	453,815	856,660	879,740
<b>TOTAL</b>	<b>\$ 2,319,660</b>	<b>\$ 896,372</b>	<b>\$ 2,124,490</b>	<b>\$ 481,419</b>	<b>\$ 1,210,060</b>	<b>\$ 1,098,140</b>
<i>Per Capita</i>	\$ 33.70	\$ 13.02	\$ 30.87	<i>n/a</i>	\$ 17.58	\$ 15.96
244 Drain Maintenance Fund Expenditures	2008	2008	2009	2009	2010	2011
	Amended Budget	Audited Actual	Amended Budget	June YTD Actual	Adopted Budget	Projected Budget
Personnel Services	\$ 435,430	\$ 420,401	\$ 390,090	\$ 263,351	\$ 401,110	\$ 408,580
Supplies	25,540	12,189	34,000	17,778	34,000	34,000
Other Services	365,390	330,165	468,740	217,147	544,950	540,560
Capital Outlay	1,493,300	1,070,111	1,231,660	12,917	230,000	115,000
<b>TOTAL</b>	<b>\$ 2,319,660</b>	<b>\$ 1,832,866</b>	<b>\$ 2,124,490</b>	<b>\$ 511,193</b>	<b>\$ 1,210,060</b>	<b>\$ 1,098,140</b>
<i>Per Capita</i>	\$ 33.70	\$ 26.63	\$ 30.87	<i>n/a</i>	\$ 17.58	\$ 15.96

Performance Indicators							
	Actual 2006	Actual 2007	Actual 2008	June 2009	Projected 2009	Projected 2010	Projected 2011
# of Chapter 20 Drains in Service	28	28	28	28	28	28	280
Feet of Storm Drains Cleaned (Jetted)	14,274	20,078	1,915	3,052	16,000	16,000	16,000
Feet of Storm Drains Inspected/Videoed	-	375	-	-	-	-	-
# of Illicit Discharges Discovered	4	6	8	5	8	8	8
# of Illicit Discharge Complaints Investigated	9	5	2	5	8	8	8
# of Detention Basin Inspections	n/a	1	3	-	5	5	5

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**Cost Center Position Detail - 2010 Base Salary**

<u>F.T.E</u>	<u>Class / Title</u>	<u>Minimum</u>	<u>Maximum</u>
0.10	Director of Public Services	\$ -	\$ 100,327
0.10	City Engineer	73,632	95,276
0.10	General Superintendent	76,334	95,418
0.60	Professional Land Surveyor	69,466	89,885
0.10	Project Engineer	65,530	84,797
0.10	Administrative Coordinator - DPS	55,024	71,198
0.50	Staff Engineer	48,310	56,836
0.10	Office Coordinator - DPS	46,211	54,365
0.50	Engineering Construction Inspector II	45,213	53,196
0.20	Engineering Survey Technician	43,613	51,314
0.80	Engineering Technician	43,613	51,314
<u>0.40</u>	Engineering Aide	39,618	46,607
<b>3.60</b>			

**Hourly**

<u>F.T.E</u>	<u>Part-Time Temporary Positions</u>	<u>Minimum</u>	<u>Maximum</u>
<u>0.35</u>	Engineering Intern	\$ 10.00	\$ 12.50
<b>0.35</b>			



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Statement of Revenues / Expenditures and Changes in Fund Balance						
244 Drain Maintenance Fund Revenues	2008 Audited Actual	2009 Amended Budget	2010 Adopted Budget	2009-10 % Change	2011 Projected Budget	2010-11 % Change
City Taxes	\$ 786	\$ -	\$ -	-	\$ -	-
Licenses & Permits	3,000	-	-	-	-	-
Intergovernmental:						
State Grants	-	-	-	-	-	-
Federal Grants	-	-	115,000	100.0%	57,500	-50.0%
Other Intergovernmental	-	-	-	-	-	-
Service Charges	52,635	47,700	47,700	0.0%	47,700	0.0%
Fines & Forfeitures	-	-	-	-	-	-
Investment Earnings	234,684	130,000	60,000	-53.8%	40,000	-33.3%
Special Assessments	-	-	-	-	-	-
Other Revenue	46,947	-	15,700	100.0%	15,700	0.0%
Bond Proceeds	-	-	-	-	-	-
Transfer-In	558,320	907,630	856,660	-5.6%	879,740	2.7%
<b>TOTAL REVENUES</b>	<b>\$ 896,372</b>	<b>\$ 1,085,330</b>	<b>\$ 1,095,060</b>	<b>0.9%</b>	<b>\$ 1,040,640</b>	<b>-5.0%</b>
<b>Drain Maintenance Fund Expenditures</b>						
General Government	\$ -	\$ -	\$ -	-	\$ -	-
Public Service	762,755	892,830	980,060	9.8%	983,140	0.3%
Public Safety	-	-	-	-	-	-
Streets	-	-	-	-	-	-
Economic Development	-	-	-	-	-	-
Parks and Recreation	-	-	-	-	-	-
Capital Outlay	1,070,111	1,231,660	230,000	-81.3%	115,000	-50.0%
Debt Service:						
Principal Retirement	-	-	-	-	-	-
Interest and Fiscal Charges	-	-	-	-	-	-
Other Debt Service	-	-	-	-	-	-
Transfer-Out	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>\$ 1,832,866</b>	<b>\$ 2,124,490</b>	<b>\$ 1,210,060</b>	<b>-43.0%</b>	<b>\$ 1,098,140</b>	<b>-9.2%</b>
Excess Revenue Over/ (Under)						
Expenditures	\$ (936,494)	\$ (1,039,160)	\$ (115,000)	-88.9%	\$ (57,500)	-50.0%
Fund Balance - Beginning	6,050,307	5,113,813	4,074,653	-20.3%	3,959,653	-2.8%
<b>Fund Balance - Ending</b>	<b>\$ 5,113,813</b>	<b>\$ 4,074,653</b>	<b>\$ 3,959,653</b>	<b>-2.8%</b>	<b>\$ 3,902,153</b>	<b>-1.5%</b>