

DEPARTMENTAL BUDGET INFORMATION
DEPARTMENT OF ENVIRONMENTAL AFFAIRS (22)

STATEMENT OF PURPOSE

The Department of Environmental Affairs (DEA) manages and coordinates the environmental affairs of the City of Detroit through the development and implementation of a coordinated and comprehensive environmental policy. This environmental policy provides for the protection and enhancement of the quality of life for the citizens of Detroit; provide the skills and resources needed to maintain the City in compliance with applicable laws and regulations; and provide for the most effective and sustainable use of the natural resources (land, water and air) available to the City.

DESCRIPTION

The Department of Environmental Affairs interacts with federal, state and local agencies and with sister agencies of the city of Detroit to improve and protect the City's water, air, and land resources. In 2009-10, the department will focus on this task through its programs, as enforcement activities will become the responsibility of the Department of Public Works (DPW). The Department will continue to consist of technical personnel (Environmental Specialists) and program administrators. With the Code Enforcement function the responsibility of DPW, the Department will resume its focus on three areas of specialization, 1) Environmental Assessment and Response (Brownfield Redevelopment) 2) Environmental Management Systems and Emergency Response, and 3) Solid Waste Management (Watershed issues will be addressed under Solid Waste Management). Through these areas, DEA offers technical expertise which teaches the identification and recognition of environmental hazards to the elimination of the same. Through

various grant and partnerships, the Department also facilitates the cleanup and removal of environmental hazards in the city.

To meet the above goals the Department will continue to work to 1) develop and implement programs that support sustainable development initiatives focusing on Brownfields Redevelopment; 2) obtain funding for clean-up of contaminated sites; 3) foster legislative and regulatory initiatives at the state and federal level that will assist the City and other similarly situated municipalities in meeting their environmental objectives through partnerships, programs and policies, and funding; 4) assist city departments with environmental compliance requirements and objectives through providing or procuring technical assistance and developing processes and procedures to achieve compliance.

Other functions for which DEA is responsible include chairing several Zoning Ordinance Committees, (Hazardous Waste, Floodplain Management, and Solid Waste Review), partnerships and collaborations with federal and state regulators, and the education and outreach of city agencies and the community on matters involving the environment. The Administrative staff provides support by actively pursuing and managing grants for the assessment and clean-up of locations serviced at the request of other city agencies and for Brownfield Redevelopment. DEA Specialists will continue to coordinate with DPW on broad environmental impacts of solid waste policy changes and as technical support for the code enforcement process in the recognition

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of environmental hazards encountered by field staff.

**MAJOR INITIATIVES FOR
FY 2008-09**

During FY2008-09, DEA changed how Brownfield properties are addressed with interested parties (i.e., planners, developers, etc.), and how property information is received and stored (i.e., electronically), and utilized (i.e., preliminary risk assessments). Through partnership with the Michigan Department of Environmental Quality (MDEQ) and cooperation with multiple public and private stakeholders, a geographic information system (GIS) has been constructed that supports Brownfield redevelopment initiatives in Detroit. The resulting technology offers DEA an opportunity to provide environmental data, at a glance, to potential developers seeking to identify parcels of land for development in the city. The database framework is in place and continues to be uploaded with environmental field data.

As the State of Michigan and the City of Detroit move toward integrating more Green and Sustainable Initiatives into their programs and operations, the Environmental Affairs Directors were appointed by Governor Jennifer Granholm to serve on the Michigan Climate Action Council (MCAC). The charge of the MCAC was to produce a Greenhouse Gas (GHG) emissions inventory and forecast, compiling a comprehensive Climate Action Plan with recommended GHG reduction goals and potential actions to mitigate climate change in various sectors of the economy, and advising state and local governments on measures to address climate change. The research and deliberations of the MCAC began in FY2008 and final

recommendations were submitted to Governor Granholm in March 2009.

DEA also served on the State of Michigan's Environmental Advisory Council to assist the Michigan Department of Environmental Quality (DEQ) refine their environmental Guidance Documents which describe how that agency interprets environmental statutes and rules. The new Guidance Documents also provides a better understanding of DEQ's interpretations so that those having to comply a more able to do so. The opportunity for the City of Detroit to be a part of these two committees was paramount to making sure that Detroit's voice was heard during these rule changes.

DEA also enhanced its Solid Waste Monitoring Program through the Host Community Agreement (HCA) process and the development of a new electronic inspection process to address its Commercial Inspection Program. Under the Host Community Agreement process initiated during FY2007, DEA continued to work with Wayne County and the Michigan Department of Environmental Quality Waste Management Division to assure that all solid waste facilities in the city of Detroit are properly licensed, managed and are a part of the Wayne County Solid Waste Management Plan. Now that the program has been in place for two years the department is reviewing the process with the assistance of the Law Department to make sure that each HCA's sufficiently captures applicable ordinances, laws, and/or regulations governing the specific operations.

Continued improvements to the Commercial Inspection Program have streamlined the

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process so that DEA could more efficiently utilize its limited resources to complete the approximately 18,000 commercial field investigations. Launching from the design of the brownfield database framework mentioned above, DEA developed a program which would allow the inspectors to utilize laptop computers in the field to identify the inspection sites, capture field observations and download the captured data onto the department's network electronically. This process provides many saving in resources for both the field inspectors and clerical staff. Field inspectors can complete their inspections more rapidly by automatically inputting data into the computer system at the location. They will not have to reconcile the data and forward to supervision, it will be automatically captured in the database. Savings on the clerical side are even more recognizable. Clerical staff no longer has to print a checklist for each parcel to be inspected which saves all costs associated with printing the forms and preparing daily batched scheduled. Further savings are recognized on the clerical side because the data no longer has to be manually entered into the database. DEA expects to have this electronic system enhanced so that various reports can be queried on demand. The department is prepared to transition these function over to DPW and will be able to provide support during the transition period. The department also is continuing to conduct Code Enforcement Training for the Detroit Police Department. During the next class Trainers from the Police Department will participate so that that Department can continued as DEA transfers its responsibility in the code enforcement process.

**PLANNING FOR THE FUTURE FOR
FY 2009-10, FY 2010-11 and BEYOND**

The Department of Environmental Affairs' goal is to utilize opportunities provided under the American Recovery and Reinvestment Act of 2009 and other available funding and resources to facilitate the following opportunities:

- Evaluate and assess city owned property for compliance with environmental laws and regulations and for the protection of public health, safety and welfare.
- Coordinate the reuse and redevelopment of land within the city of Detroit with city planning agencies.
- Protect and conserve the Detroit River and Rouge River watersheds and other waters of the State of Michigan.
- Evaluate emissions to the air to determine the impact on the environment of the City of Detroit.
- Identify all operations of the City of Detroit that require compliance with federal, state or local environmental laws.
- Provide guidance and increased attention to the regulatory requirements of city agencies in order to control the fines from federal and state regulators and operational inefficiencies of noncompliance;
- Utilize centralized professional environmental contracting to minimizing costs of redevelopment, clean up and remediation.
- Enhance access to state and federal environmental policy makers that develop laws and regulations governing city operations.
- Continue to procure technical assistance grants from the US Environmental Protection Agency and MDEQ for

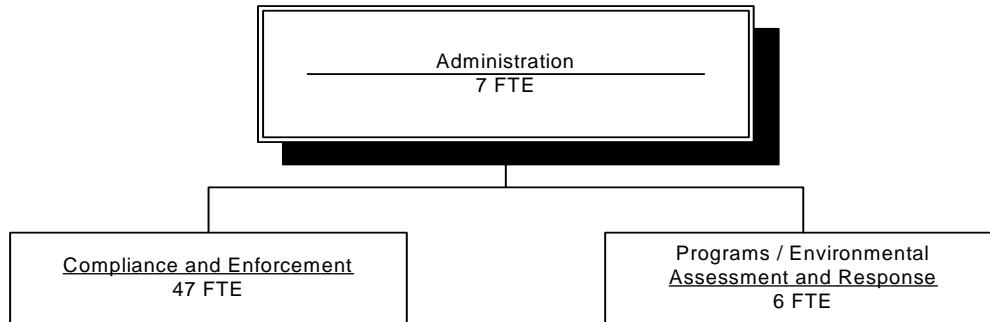
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environmental cleanup, remediation and assessment activities.

- Support the Code Enforcement activities of DPW by providing technical support to field staff when addressing suspected contaminated materials.

- Enhance city employee training opportunities provided by DEA.

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PERFORMANCE GOALS, MEASURES AND TARGETS

Type of Performance Measure: List of Measures	2007-08 Actual	2008-09 Projection	2009-10 Target
Outputs: Units of Activity directed toward Goals			
Percentage of City departments targeted	30%	40%	70%
Number of sites addressed	200	220	50
Number of liaison activities with state regulators	75	80	100
Number of liaison activities with federal regulators	30	35	50
Number of grant awards	8	8	10
Percent of compliance of violators	60%	65%	N/A
Number of households contacted – environmental	50,000	55,000	N/A
Number of commercial inspections	18,000	16,000	N/A
Number of non-complying properties issued violation tickets	25,000	25,000	N/A

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EXPENDITURES

	2007-08 Actual Expense	2008-09 Redbook	2009-10 Mayor's Budget Rec	Variance	Variance Percent
Salary & Wages	\$ 2,117,666	\$ 2,486,120	\$ 530,267	\$ (1,955,853)	-79%
Employee Benefits	1,458,273	1,574,461	382,365	(1,192,096)	-76%
Prof/Contractual	374,727	244,000	150,000	(94,000)	-39%
Operating Supplies	42,962	75,856	12,756	(63,100)	-83%
Operating Services	246,089	298,152	150,171	(147,981)	-50%
Capital Equipment	15,886	18,140	6,690	(11,450)	-63%
Other Expenses	185,466	5,584	5,084	(500)	-9%
TOTAL	\$ 4,441,069	\$ 4,702,313	\$ 1,237,333	\$ (3,464,980)	-74%
POSITIONS	52	60	10	(50)	-83%

REVENUES

	2007-08 Actual Revenue	2008-09 Redbook	2009-10 Mayor's Budget Rec	Variance	Variance Percent
Fines/Forfeits/Pen	\$ 834,845	\$ 4,050,000	\$ -	\$ (4,050,000)	-100%
Rev From Use of Assets	(4,096)	-	-	-	0%
Grants/Shared	590,777	-	-	-	0%
Sales and Charges	24,221	68,000	68,000	-	0%
Miscellaneous	13,796	-	-	-	0%
TOTAL	\$ 1,459,543	\$ 4,118,000	\$ 68,000	\$ (4,050,000)	-98%