



## Department of the Environment

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### Central Purpose

- Work with Chicago residents, businesses and other city departments to make Chicago the greenest, most environmentally friendly city in America
- Enforce Chicago's environmental regulations, issue environmental permits, and remediate environmental hazards
- Create a culture of environmental stewardship throughout Chicago
- Promote economic development by overseeing the cleanup of contaminated land for re-use, the construction of green buildings, and the installation of green roofs throughout the city
- Develop the city's energy policies and conservation programs, and ensure reliable energy resources through utility oversight
- Develop programs, policies and infrastructure to improve Chicago's land, air, water and energy resources

### Key Facts

The Department of Environment (DOE) implements sound environmental strategies throughout Chicago to improve the quality of life for city residents, attract visitors, and save money. These strategies also can make government and businesses operate more efficiently through effective use of resources.

DOE has the expertise, equipment and facilities to address key environmental issues. The staff at DOE includes certified hazardous materials handlers, educators, horticulturists, biologists, environmental scientists, geologists, environmental attorneys and inspectors, experts in utilities and energy as well as mechanical, civil, environmental and chemical engineers. With this expertise and with state-of-the-art environmental monitoring and clean-up equipment, the Department is able to cost-effectively serve residents, businesses and other city departments.

In addition, the department operates the Chicago Center for Green Technology, at 445 N. Sacramento



Boulevard, includes the recently renovated Green Building Resource Center and Green Corps Chicago, a program that trains residents for jobs in landscaping, weatherization and computer recycling. The building attracts more than 24,000 visitors annually and is a model for green building and it was the third building in the U.S. to achieve a Platinum Leadership in Environmental & Energy Design (LEED) rating.

The department coordinates with design and construction planners to include green roofs as part of the City facilities when possible. To date, nearly fifteen City facilities are equipped with green roofs.

Finally, the department works closely with other city departments and sister agencies to improve environmental performance, acquire grant funding for projects and advance environmental policies. Examples of projects and policies include retrofitting school buses and fleet vehicles to emit less pollution, implementing outreach programs to support the city's expanded recycling efforts, educating teachers and students through after-school science clubs and retrofitting city facilities to be more energy efficient and save money.

DOE obtained a \$15 million US Department of Energy grant to deploy alternative fuel fueling stations and clean fleet vehicles in the Chicago area. This federal

grant will help fund the purchase of alternative fuel vehicles and hybrids in Chicago. The deployment of stations accessible to fleets and the public, and the investments in alternative fuel and hybrid vehicles in area fleets, will help achieve the air quality and alternative fuels CCAP goals. The money has also been used to support the first phase of electric vehicle infrastructure in the Chicago area, which will place Chicago as a clear leader in the deployment of publicly available electric vehicle charging infrastructure.

The Department reviews Phase I and Phase II environmental site assessment reports for other departments and analyzes the information to determine if the assessments are accurate and complete, as well how the information impacts the City from a redevelopment, acquisition or disposition standpoint. The analysis is also used to evaluate potential City costs and liability during redevelopment of properties.

DOE is responsible for enforcement of Chicago's municipal environmental regulations. These include asbestos, air, storage tanks, water, and waste facilities.

Finally, the Department continues to identify and analyze the opportunities and barriers to environmentally sustainable economic development. Through work with a myriad of partners, DOE has helped to execute significant projects throughout the city.

### **Critical Programs/Services to Assist Residents**

#### **Chicago Climate Action Plan**

The Chicago Climate Action Plan (CCAP) is a comprehensive and detailed roadmap to help lower greenhouse gas emissions and address climate change on behalf of Chicago residents. The City has received over \$13 million in pro-bono support to create detailed implementation plans for key strategic areas over the past two years.

The CCAP which was launched in 2008 as a holistic strategy to achieve Chicago's sustainability goals. The plan focuses on five key areas: energy efficient buildings, clean and renewable energy,

transportation, waste and industrial pollution, and adaptation.

### **Renewable Energy and Green Business**

DOE helps the private sector to take advantage of the growing market for green business products and services. We continue to work with the commercial, industrial and hospitality industries to save money while reducing their impact on the environment on behalf of residents through the Green Office, Hotel and Museum programs and the Chicago Waste to Profit Network.

### **Resident Recycling Program**

Over 241,000 households are now involved in the blue cart recycling program. DOE has recruited 523 Recycling Block Captains to date. In addition, DOE oversees programs for waste reduction and reuse.

### **The Household Chemicals and Computer Recycling Facility (HCCRF)**

The only program of its kind in the country, this facility collects household chemicals, computers and electronics to promote recycling throughout the city. To date, the HCCRF has collected 989,484 pounds of household chemicals and 1,090,462 pounds of household electronics that were ultimately diverted from other means of disposal such as landfills or pouring down household drains.

### **Green Jobs**

DOE administers funding towards green job training and employment efforts that are implemented by community based organizations. Through this effort, individuals that are considered hard to employ, including the formerly incarcerated, are given jobs in green industries such as landscaping, energy efficiency, waste reduction, recycling and renewable energy.

### **Greencorps Chicago**

This program provides direct services to community groups involved in planting community gardens and public works projects to help beautify Chicago. DOE provides free assistance with the including planning and installation of gardens, as well as free seeds, annuals, perennials, vegetables and bulbs for use in the gardens.

**Energy Action Network and Low Cost Weatherization**

DOE employees work directly at a community based organization to help residents with bill payment

assistance and to facilitate their uptake of energy efficiency services. Through the program, thousands of residents receive direct technical and financial assistance and homes are weatherized to be more energy efficient, affordable and comfortable.

**Employees**

<b>Full Time Positions</b>	<b>Amount</b>
	78

**2011 Budget**

<b>Fund</b>	<b>Amount</b>
Corporate Fund	\$3,479,935
Other Grant Fund	\$50,788,000
<b>TOTAL</b>	<b>\$54,267,935</b>

**Significant Dates**

<b>Event</b>	<b>Date</b>
Earth Day	4/22/11
Green Festival	5/14-15/11
Chicago Climate Action Plan Summit	9/11
Mayor's Landscape Award	11/11
C3 Leader Graduation	12/11

## Grants

<b>FEDERAL</b>	
<b>Grant or Program</b>	<b>Term</b>
Air Pollution Control Program	10/1/10-9/30/11
Brownfield Cleanup/Petroleum Substance	9/1/08-8/31/11
Calumet Area Redevelopment Initiative	4/10/07-4/10/12
CMAQ – Bicycle Fleet Program	Pending
CMAQ – Emissions Reduction Project	Pending
CMAQ – Diesel Fleet Retrofit	Pending
CMAQ – Chicago Diesel Retrofit Fleet Vehicle	Pending
Ethanol to Hydrogen Vehicle Fueling Facility	Pending
Hazardous Materials Emergency Preparedness	10/1/10-9/30/11
Resource Conservation & Recovery Act-Subtitle D	7/1/1995-6/30/11
Solid Waste Management/Enforcement	7/1/2010-6/30/11
CDBG-R	6/6/09-9/30/12
Energy Efficiency and Conservation	9/28/09-9/27/12
National Clean Diesel Funding Assistant	7/1/09-3/31/11
Restoring Chicago's Jobs/Restoring Chicago's Habitats	12/1/09-11/30/11
Chicago Green Healthcare Initiative	1/1/10-12/31/12
Source Reduction	1/10/10-12/31/11
Chicago Area Alternative Fuels Deployment	12/21/09-12/20/13
Local Energy Assurance Planning Initiative	4/1/10-3/31/12
Urban Area Security Initiative (CFD)	8/9/10-12/31/11
Calumet Hydrologic Master Plan Implementation at Big Marsh	9/1/10-12/31/12
Integrated Ring-Billed Gull Management Lake Michigan Beach Health	5/28/10-3/15/12
Chicago Area Plug-In Electric Vehicle Support Project	10/1/10-9/30/12
Development of Integrated Payments for Ecosystem Services Programs in the Great Lakes Watershed.	9/1/10-13/31/12
US Army Corps of Engineers – Indian Ridge Marsh	
<b>STATE</b>	
<b>Grant or Program</b>	<b>Term</b>
Calumet Environmental Center/IL First	12/13/02-12/31/13
OSFM Underground Storage Tank Grant (annual)	7/1/10-6/30/11
Illinois Environmental Protection Agency (IEPA) Solid Waste Enforcement Grant (annual)	7/1/10-6/30/11
IEPA Interagency Air Quality Agreement	9/30/11
IEPA – Remediation of School Property	

## Private/Public Cooperative Agreements

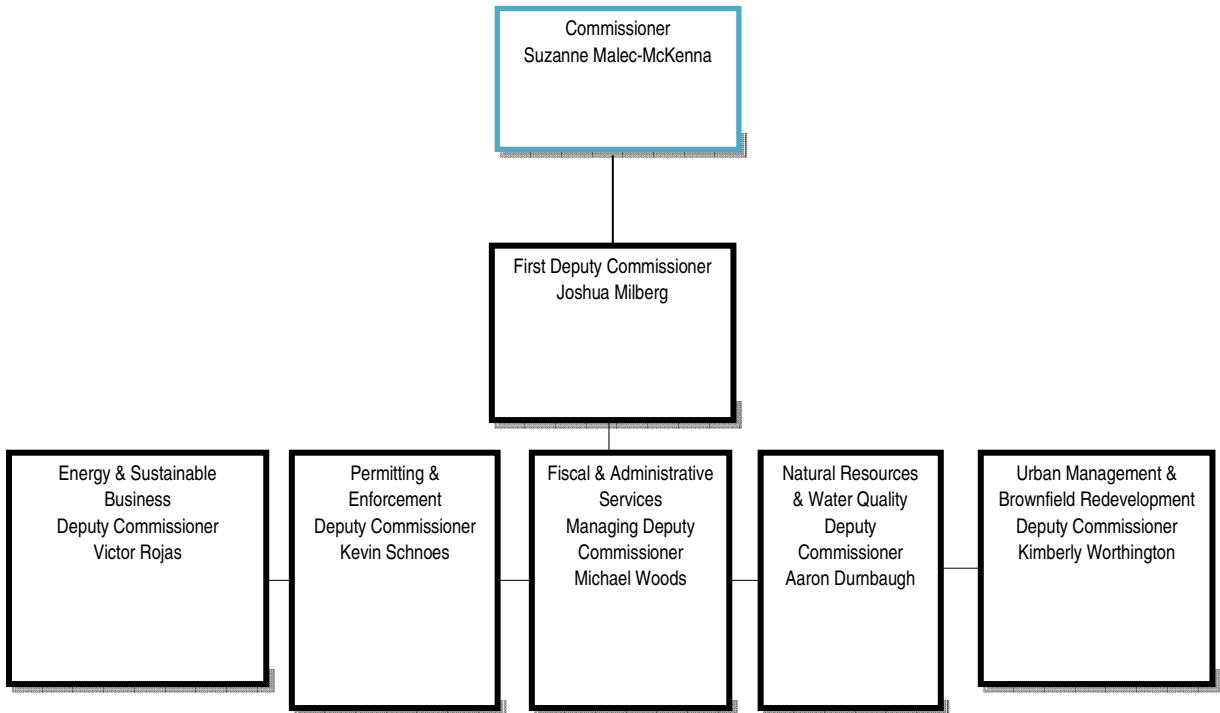
<b>Project</b>	<b>Term</b>
Chicago's Environmental Fund	

## Major Contracts

Project	Term
<b>Environmental Assessment</b>	
AECOM	12/31/11
Barry Technologies, Inc.	12/31/11
Bloom Cos., LLC	12/31/11
Brecheisen Engineering, Ltd.	12/31/11
Burns & McDonnell, Inc.	12/31/11
Carnow, Conibear & Assocs., Ltd.	12/31/11
Camp Dresser & McKee, Inc.	12/31/11
Clean World Engineering, Ltd.	12/31/11
Crawford, Murphy & Tilly, Inc.	12/31/11
Environmental Consulting Group, Inc.	12/31/11
Environmental Design Int'l. Inc.	12/31/11
Green Works	12/31/11
GSG Consultants, Inc.	12/31/11
HDR Engineering	12/31/11
Hey & Associates	12/31/11
MACTEC Engineering & Consulting	12/31/11
MWH Americas, Inc.	12/31/11
Northern Environmental Technology, Inc.	12/31/11
PB Americas, Inc. (Formerly Parsons)	12/31/11
Pioneer Engineering & Environmental Services, Inc.	12/31/11
Professional Service Industrial, Inc.	12/31/11
SCI Engineering, Inc.	12/31/11
Shaw Environmental	12/31/11
Solid Waste Solutions	12/31/11
Stanley Consultants	12/31/11
Sullivan Int'l Group, Inc.	12/31/11
Terracon Consultants, Inc.	12/31/11
Tetra Tech, Inc.	12/31/11
TY Lin International Great Lakes, Inc.	12/31/11
V3 Companies of Illinois, Ltd.	12/31/11
Versar, Inc.	12/31/11
Weston Solutions, Inc.	12/31/11
Wright & Company	12/31/11
<b>Ecological Analysis</b>	
Apex Direct, Inc.	12/31/11
Burns & McDonnell	12/31/11
Camp Dresser & McKee	12/31/11
Conservation Design Forum	12/31/11
Earth Tech	12/31/11
Futurity	12/31/11
Geosyntec Consultants, Inc.	12/31/11
Green Works/Harley Ellis	12/31/11
Hey & Associates	12/31/11
Hitchcock Design Group	12/31/11
MWH Americas, Inc.	12/31/11
Quercus Consulting, Inc.	12/31/11

<b>Project</b>	<b>Term</b>
Shaw Environmental	12/31/11
Site Design Group	12/31/11
Tetra Tech, Inc.	12/31/11
URS Corporation	12/31/11
V3 Companies of Illinois, Ltd.	12/31/11
WRD Environmental, Inc.	12/31/11
WENK Associates, Inc.	12/31/11
Weston Solutions, Inc.	12/31/11
Wright & Company	12/31/11
<b>Emergency Contracts</b>	
SET Environmental	12/31/12
Brennan's PEB & Associates	12/31/11
<b>Job Order Contracts</b>	
DMD Services, Inc.	5/13/11
McDonagh Demolition, Inc.	5/13/11
<b>Other Contracts</b>	
Global Philanthropy Partnership	9/2012
WRD Environmental	6/2012
Delta Institute	12/31/13

## Organizational Chart



### Capital Projects

Program	Capital Project ID	Project Name	Funding Source	2010 Funding Amount
Wetlands & Natural Areas	33131	Bubbly Creek Feasibility Study with the Army Corps of Engineers	2010 Tax Exempt	274,000
Other Economic Projects	32869	Salvation Army	2010 Tax Exempt	6,000,000
City Buildings	35049	GREENCORPS 2010	2010 Taxable	400,000

### Facility Locations

Location	Address	Suite	Zip	Phone	Hours
Department of Environment (DOE)	30 N. LaSalle Street	200	60602	(312) 744-5701	M-F, 8:30 am – 4:30 pm
DOE – Permitting & Enforcement	33 N. LaSalle Street	LL120	60602	(312) 744-5701	M-F, 8:30 am – 4:30 pm
Household Chemical and Computer Recycling Facility	1150 N. North Branch		60642	(312) 744-3060	Tues., 7 am-12 pm, Thurs., 2 pm -7 pm and First Sat. of every month, 8 am – 3 pm
Chicago Center for Green Technology	445 N. Sacramento Blvd.		60612	(312) 746-9642	Mon., Wed., Fri., 9 am – 5 pm, Tues., and Wed., 9 am – 8 p.m. and Sat., 9 am – 4 pm

### Unions Representing Department Employees

Unions
AFSCME