



City of Dallas

Environmental Management System - Yesterday and Today

**Environment and
Sustainability Council
Committee
September 8, 2020**

William Madison, EMS & Compliance
Manager
Office of Environmental Quality &
Sustainability
City of Dallas

- Purpose
- Background/History
- System Implementation
- Benefits and Tools
- Next Steps



Purpose



To provide overview of the City's Environmental Policy and Environmental Management System over the last 15 years:

- Brief Environmental History including Consent Decree
- City of Dallas Environmental Policy
- Overview of Environmental Management System



The “BEFORE”, Circa 2003 - 2004



Environmental Management Consent Decree



- Entered into with USDOJ, EPA and TCEQ for Stormwater Permit compliance violations (2006)
- Implement a certified Environmental Management System (EMS)
- Minimum environmental staffing requirements
- Minimum inspection frequencies & public response times
- Semi-annual compliance reporting requirements



Environmental Management Consent Decree Semi-Annual Status Report **No.25**

Civil Action No. 3:06-cv-00845
Department of Justice Case Number 90-5-1-1-08359

March 28, 2019



Environmental Management Consent Decree



- Two Supplemental Environmental Projects:
 - Zoo Wetlands (over \$1,900,000)
 - Pavaho Wetlands (over \$3,430,000)
- Monetary fine (\$800,000)
- Current Status: compliant/ monitoring wetlands



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AFTER: Implementing City Environmental Policy and Environmental Management System



Environmental Policy

Approved by Council, 2005

Signed by City Manager TC Broadnax
(2018)

Emphasizes:

- Environmental care as a base City value
- Environmental Compliance
- Pollution Prevention
- Continuous Improvement
- Everyone's role in environmental compliance & stewardship!



Environmental Policy

The City of Dallas is committed to a clean, safe, and healthy environment. As such, we will exercise environmental stewardship in our dealings with employees, other governments, citizens, City contractors, business and others in the community for our world today as well as for future generations. Caring for the environment is one of our core values, and this is demonstrated by ensuring our activities are in harmony with the natural world around us.

This commitment is embodied by the following actions:

- ❖ Implementation of programs and procedures with an intent to meet or exceed all applicable environmental laws and regulations.
- ❖ Continual improvement of our environmental performance through proactive environmental management and self-assessments and/or third-party assessments.
- ❖ Prevention of pollution at its source through implementation of best management practices and resource conservation measures to reuse, reclaim, and recycle materials we generate.
- ❖ Utilization of Environmental Management Systems, as appropriate for our operations, to provide a framework for systematically reviewing and reducing our environmental footprint.
- ❖ Employees will abide by all environmental regulations and demonstrate environmental compliance in their daily work practices.
- ❖ Educate City employees on Dallas' environmental policies and motivate and encourage employees to practice environmental stewardship by raising awareness and sensitivity to environmental issues through City policies, regulations, training, and interactive dialogue.
- ❖ Outreach to the citizens and businesses of our community by communication of this Policy and education on the importance of environmental stewardship for clean air and water and sustainable development for the City of Dallas.

Signed

T.C. Broadnax
City Manager

3/21/2018
Date

Approved by Dallas City Council January 26, 2005



Environmental Management System



- 10,000+ employees involved
- 15 Departments: (Aviation, Building Services, Code, Courts, Dallas Animal Services, Dallas Fire, Dallas Police, Water, Equipment and Fleet, Information Technology, Office of Environmental Quality & Sustainability, Parks, Public Works, Sanitation, Transportation)
- 340+ facilities
- 270 internal and annual third-party external audits of these facilities
- 30+ annual departmental environmental improvement goals and targets
- ISO 14001 certified in 2008



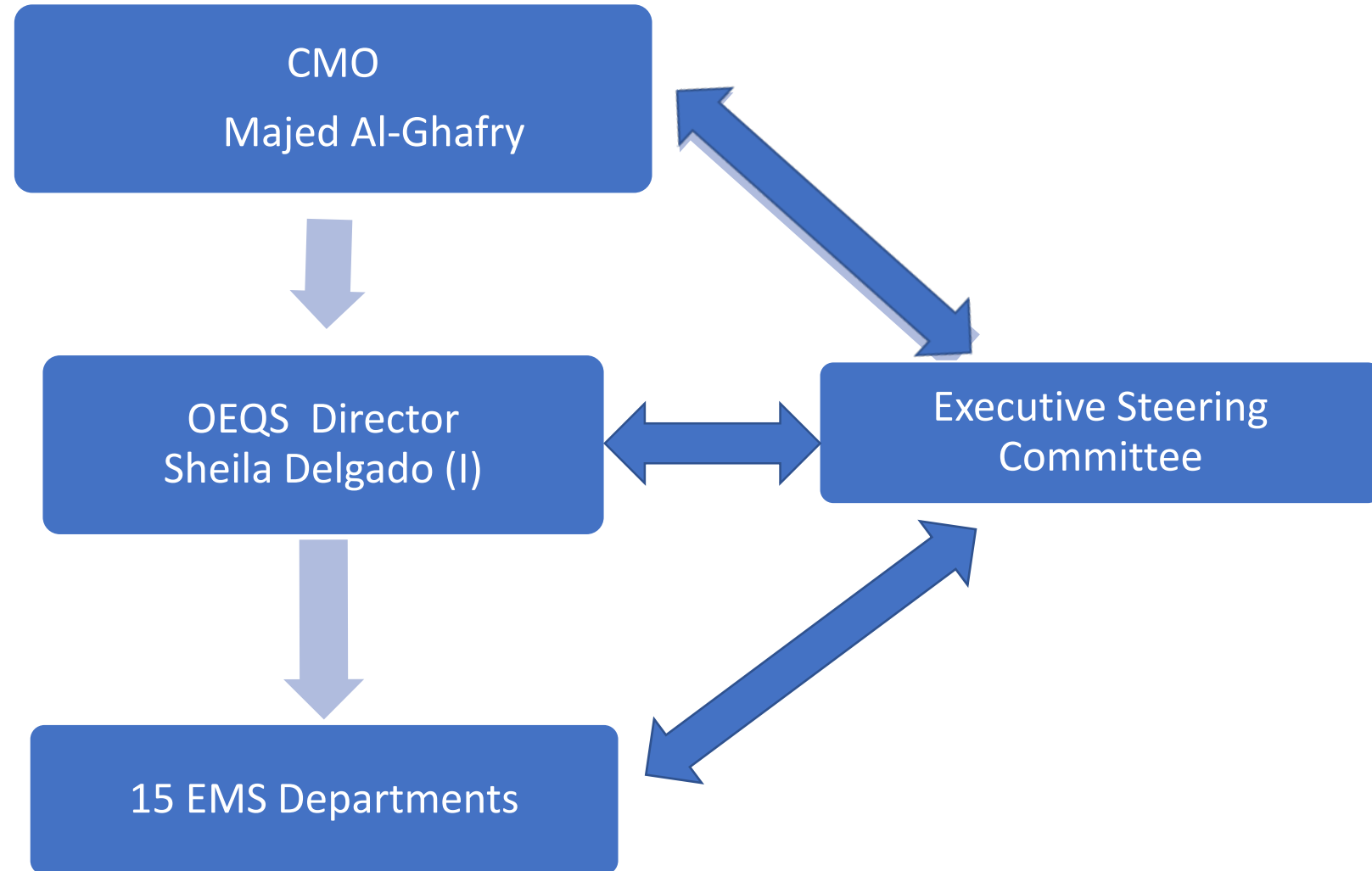
Environmental Policy and EMS Benefits



- Controls City's environmental risks and improves environmental performance
- Prevents Consent Decree violations
- Promotes greater environmental & permit compliance
- Creates a system of accountability



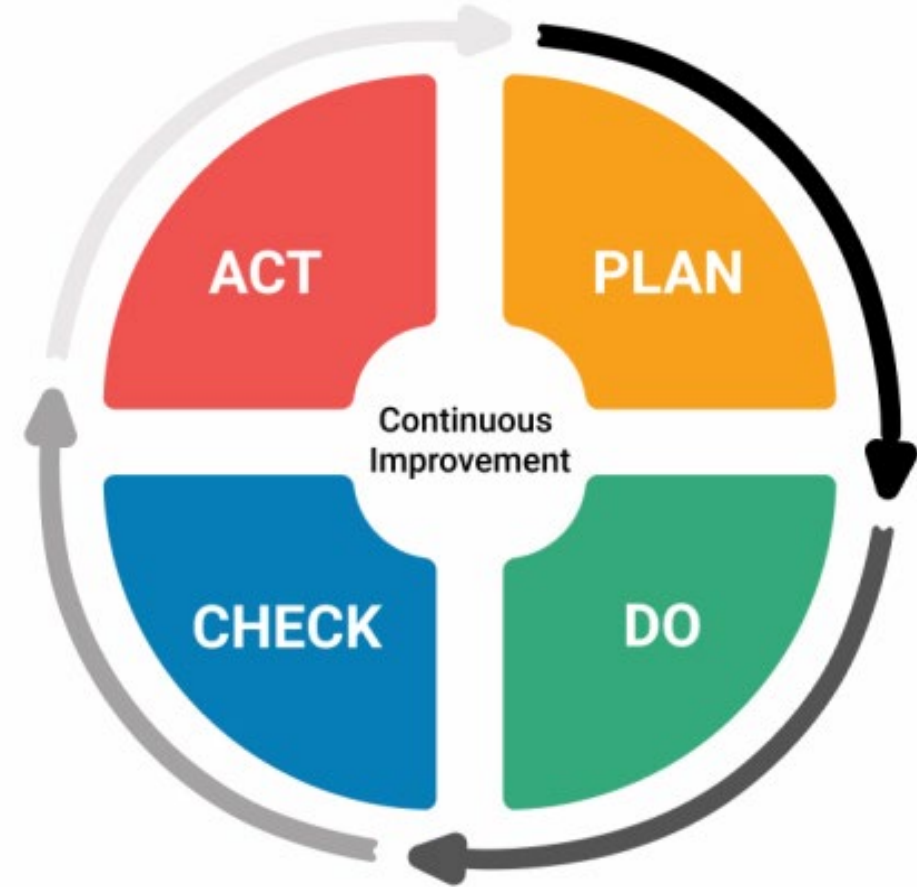
EMS System Leadership



City EMS Accountability Tools



- Monthly environmental inspections
- Annual internal and external audits
- Annual Executive Review with CMO
- Annual Directors' Reviews
- Environmental Scorecard



City EMS Accountability Tools (cont.)



- Annual EMS SWOT analysis
- EMS Administrative Directive 2-49
- Dozens of annual environmental improvement goals and targets, aligned with Department services
- Required annual employee training



EMS Activities



North Texas EMS Conference October 18, 2018

- 75+ attendees non-COD from 20+ municipalities (in North Texas, Southeast Texas, and the City of Denver), as well as various companies in North Texas

North Texas EMS Work Group



In celebrating 10 years of an Environmental Management System/ISO 14001 certification in the City of Dallas, we look forward to a day of sharing and inspiration in hopes this conference provides the tools needed to change the environmental culture where you work.

AGENDA

8:00 am	Registration and continental breakfast <i>sponsored by Dallas Water Utilities</i>	
8:30 am	Opening Remarks by Dallas mayor, Mike Rawlings Keynote Speaker: Mark Duebner, Director of Aviation, City of Dallas	
9:20 am	Break	
9:30 am	"The Future of EMS in the City of Dallas" by Majed Al-Ghafry City of Dallas Assistant City Manager	
9:40 am	Panel discussion	
10:45 am	Break	
11:00 am	"Integrating Management Systems & Technology" by Gary Robinson, Senior Vice President of EHS Information Solutions, BSI.	
11:20 am	Lunch <i>sponsored by City of Dallas, Department of Aviation</i>	
12:15 pm	Workshop sessions	
1:30 pm	Workshop report outs	
2:00 pm	Closing remarks	

The Office of Environmental Quality & Sustainability would like to thank our planning partners and panelists for their commitment to improving environmental operations across North Texas.





EMS Activities (cont.)



- Assisting CECAP Implementation
 - 17 departments working on 42 actions
- Promoting COD department EMS accomplishments
 - Document published April 2020 on GreenDallas.net



Next Steps



- OEQS will be working with Departments towards FY20-21 environmental goals
- Procuring Third-Party audit firm: with new contract coming for Council approval, Winter, 2020





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