

Memorandum



CITY OF DALLAS

DATE: October 9, 2015

TO: Honorable Members of the Public Safety Committee:
Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young,
Jennifer S. Gates, Philip T. Kingston

SUBJECT: **Hazardous Materials Response**

On Monday, October 12, 2015, the Public Safety Committee members will be briefed on the Hazardous Materials Response. The materials are attached for your review.

A handwritten signature in cursive script that reads "Eric D. Campbell".

Eric D. Campbell
Assistant City Manager

Attachment

c: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager

Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council



HAZARDOUS MATERIALS RESPONSE

Public Safety Committee
October 12, 2015



PURPOSE:

Familiarize the Committee with the Dallas Fire-Rescue Department's abilities to respond to situations where Hazardous Materials have escaped their container and threaten:

- People
- Businesses
- Water sources
- Infrastructure

GOALS:

- ▣ To reduce injury to citizens contaminated by Hazardous Materials
- ▣ To prevent death of citizens
- ▣ To prevent harm to water systems
- ▣ To prevent harm to the city's infrastructure

History of Hazardous Materials Response Team

- ▣ Training initiated 1987
- ▣ Placed in-service January 1988 at Fire Station 4
- ▣ Moved to Fire Station 3 in 2005
- ▣ 36 HazMat Technicians – 10 minimum per shift
- ▣ Adjunct to normal fire/ems duties

Definition of Hazardous Material

HazMat / Hazardous Materials —

Any substance or material in any form or quantity that poses an unreasonable risk to safety, health and property when transported in commerce. (DOT 49 CFR 171)

Organization

- ▣ Asst. Chief of Special Operations (801)
- ▣ Deputy Chief of Special Operations (812)
- ▣ Section Chief of Special Operations (815)
- ▣ Hazardous Materials Coordinator (810)
- ▣ Hazardous Materials Asst. Coord. (835)
- ▣ Officers at Station 3
- ▣ Hazardous Materials technicians

Capabilities

- ▣ Leak Control
- ▣ Spill Containment
- ▣ Hazard Identification
- ▣ Hazard Mitigation
- ▣ Air Monitoring
- ▣ Product Transfer
- ▣ Product Sampling
- ▣ Chemical ID & Classification
- ▣ Level “A” Protection
- ▣ Technical Resource

Responsibilities

- ▣ Respond to all Hazardous Materials incidents
- ▣ Respond to all unknown substance calls
- ▣ Respond to Urban Search & Rescue calls
- ▣ Back-up team for the Plano Fire Department and DFW Airport
- ▣ Regional HazMat Asset for North Central Texas Council of Governments

Training Requirements

- ▣ Texas Commission on Fire Protection (TCFP)
 - I. Technician level training (96hr)
 - II. Pass commission exam
 - III. Medical Evaluation
- ▣ Trained to respond to incidents involving weapons of mass destruction (WMD)
- ▣ Continuing Education – 22 hours per year

Apparatus

HAZMAT 3



FAST 3



Personal Equipment

- ▣ Protective suit
- ▣ Self Contained Breathing Apparatus
- ▣ Hard Hat
- ▣ Radio
- ▣ Protective boots
- ▣ Protective gloves
- ▣ Sealer tape
- ▣ Cooling vest



Commonly Released Materials

- ▣ Diesel/Gasoline
- ▣ Natural Gas
- ▣ Corrosives
- ▣ Other petroleum products
- ▣ Poisons
- ▣ Unknown odors



Incidents



Hazardous Materials Responses

- ▣ In 2013 - HazMat 3 responded to 203 reported hazardous materials incidents
- ▣ In 2014 - HazMat 3 responded to 304 reported hazardous materials incidents
- ▣ January 2015 to present – HazMat 3 has responded to 345 hazardous materials incidents

Questions?