

Staff Recommends That The City Council Receive This Informational Report On Emergency Preparedness And Disaster Planning.

EXECUTIVE SUMMARY

The purpose of this report is to provide members of the public and the Oakland City Council with information regarding the emergency preparedness, response, recovery and mitigation activities as reported to the City's Emergency Management and Disaster Preparedness Council (EMADPC) by the Emergency Management Services Division (EMSD), a division of the Oakland Fire Department (OFD). This report covers July 1, 2016 through June 30, 2017 and is divided into the following major topics:

- Emergency Management Services Division
- Emergency Management and Disaster Preparedness Council (EMADPC)
- Emergency Operations Center (EOC)
- Communities of Oakland Responding to Emergencies (CORE) Program

BACKGROUND / LEGISLATIVE HISTORY

The Public Safety Committee has requested that OFD staff prepare an annual report regarding the emergency preparedness, response, recovery and mitigation activities as reported quarterly to the City's EMADPC. The EMADPC is specified in Chapter 8.50 of the Oakland Municipal Code (OMC) as the City's Disaster Council. Chapter 8.50 was recently amended on May 1, 2017 and describes the structure of the Oakland Emergency Services Organization and Disaster Council (OESDC) that includes the EMADPC, City staff and officials, mutual aid partners, public agencies, corporations, non-profit organizations, and other private entities. The purposes and objectives of the OESDC are to (a) provide for the City's Disaster Council and the emergency organization; and (c) provide for emergency

plans so that the City and mutual aid partners, public agencies, corporations, organizations and affected private persons and entities can work together to coordinate emergency services for the protection of persons, property, and the environment in the event of an emergency.

ANALYSIS AND POLICY ALTERNATIVES

This report provides information on the major projects, activities, and services provided by the Oakland Emergency Services Organization and Disaster Council from July 2016 through June 2017.

Emergency Management Services Division

EMSD coordinates the activities of all City agencies relating to planning, preparation and implementation of the City's Emergency Operations Plan. EMSD also supports the coordination of the response efforts of Oakland's Police, Fire and other first responders in the City's state-of-the-art EOC to ensure maximum results for responders by providing up-to-date public information and ensuring coordinated resource management during a crisis. Additionally, EMSD coordinates with the Alameda County Operational Area and other partner agencies to guarantee the seamless integration of federal, state and private resources into local response and recovery operations.

EMSD accomplishes this mission through partnerships, policy, planning, programs, training, exercise, equipment and outreach efforts that assist Oakland's first responders, City departments, local businesses, non-governmental organizations (NGOs), community based organizations (CBOs) and residents in their emergency management/preparedness efforts. EMSD also integrates its emergency management and homeland security management practices that incorporate a multi-disciplinary, multi-hazards approach to the Urban Area Security Initiative (UASI), Port Security, Airport Security and Transit Security which includes a strong emphasis on partnerships and regional, state and federal collaboration.

There have been two recent additions to the EMSD staff during this period. The critical positions for Assistant Emergency Services Manager and the Senior Emergency Planning Coordinator were filled in March 2017.

Homeland Security Grants

The purpose of all Homeland Security grants is to provide funding to assist in the implementation of programs to help strengthen the nation against risks associated with potential terrorist attacks. The Homeland Security Unit (HSU) encompasses the following grants: Urban Area Security Initiative (UASI); and Port Security Grant Program (PSGP).

Urban Area Security Initiative (UASII)

The Urban Area Security Initiative (UASII) Program is designed to provide financial assistance to urban areas to build and sustain capabilities necessary to prevent, protect against, mitigate, respond to, and to recover from threats or acts of terrorism using the "whole community" approach. The following is a summary of OFD's current UASI grants.

UASI Fiscal Years (FY) 2014 (November 1, 2014 – December 31, 2015) and FY 2015 (November 1, 2015 – February 28, 2017): These grants cover multiple fiscal years (FYs) within the City of Oakland-- FYs 2014, 2015, and 2016. The grantor conducted a monitoring review/site visit on October 7, 2016 to assess how OFD has executed the FY 2014 grant and to identify and resolve any issues we might have had by mid-cycle of the FY 2015 grant.

The FY 2015 Grant authorized the hiring of the contractor, Chicago Building and Iron Environmental & Infrastructure, Inc. (CB&I), to update and produce the City of Oakland's Emergency Operations Base Plan. CB&I initially focused on the cost recovery issues related to the 31st Avenue fire more commonly referred to as the "Ghost Ship" fire. After producing their assessment of that event, CB&I then started the rewrite of the City's Pre-Disaster Recovery Plan, Emergency Support Functions and Annexes. The rewrites for these Plans are assisting in the reinforcement of the City's Infrastructural Platform.

In conclusion, having complied with all FY 2014 and mid-cycle FY 2015 grant guidelines, Oakland was found to be in complete compliance.

UASI FY 2016 (November 1, 2016 - December 31, 2017): Approved projects for FY16 were helmet mounted speaker microphones; portable VHF radios; upgrading the OFD Safe Boat SPONSON System; a solar-powered tactical equipment vehicle for OPD; and improvements to the infrastructure of OFD's Emergency Operations Center (EOC) that will stabilize the virtual desktop.

UASI FY 2017 (November 1, 2016 – December 31, 2018): The UASI FY 2017 Grant provides funding for the cybersecurity in the EOC and revamping the of Oakland's Public Information Warning System.

Port Security Grant Program

The Port Security Grant Program (PSGP) for FY 2014 grant cycle closed on August 31, 2016. A grant monitoring visit was recently conducted August 14 through 18, 2017, to inspect staff's execution of the grant. We have not yet received the result from this visit.

Training and Exercises

The EMSD Senior Emergency Planning Coordinator (EPC) is responsible for training and exercise planning, and assists with the identification and coordination of Standardizeed Emergency Management System (SEMS), National Incident Management Systems (NIMS)

and EOC Incident Command System (ICS) training courses on behalf of City of Oakland employees.

A commodity points of distribution (C-POD) is a designated area where commodities are distributed to the public following a disaster or emergency. The C-PODs allows for the distribution of life-sustaining commodities to the public. Items distributed at a C-POD often include emergency meals and water, however, other items may be distributed as needed to sustain the citizens of Oakland. C-PODs are activated only when residents do not have access to life-sustaining resources. On September 8, 2016, EMSD participated in the Bay Area Urban Area Security Initiative (BAUASI) Yellow Command Exercise to practice our Commodity Points of Distribution Plan. The goal was to simulate establishing an emergency C-POD after an earthquake for the distribution of drinking water to an affected area in the City.

The C-POD was setup in the parking lot of the West Oakland Library located at 1801 Adeline Street. The EMSD staff and other City of Oakland personnel prepared for the exercise by coordinating with the BAUASI for planning workshops and training to prepare for the exercise. The Oakland Radio Communications Association (ORCA) supported the exercise by transmitting information to other operators on the status of the distribution point.

This simulated a real-world situation and allowed the HAM Radio Operators to practice their valuable skills during the exercise. The EOC was partially activated to support the execution of the C-POD exercise. Overall, the exercise was deemed to be a success. An After-Action Report was completed on December 5, 2016 and submitted to BAUASI with an improvement plan for the City's C-POD plan.

City/Oakland USD Emergency Shelter Facilities Use Committee

The City of Oakland and the Oakland Unified School District (OUSD) continues to maintain a strong relationship regarding Mass Care and Sheltering. The Memorandum of Agreement (MOA) was signed by both parties in January 2016, it was a step to strengthen the capabilities of the City in the event of an emergency or disaster. The Agreement allows the capability of providing facilities for Mass Care and Sheltering and if needed, and as a point of distribution for commodities to the citizens of Oakland. This MOA outlined the responsibilities of the City of Oakland and that of OUSD. The MOA also mandated the creation of the Emergency Shelter Facilities Use Committee consisting of members from the City of Oakland and OUSD who will meet quarterly to fulfill the elements of MOA in using school district facilities as emergency shelters or staging areas in the event of an emergency or disaster. An addendum to the MOA added the Cesar Chavez Educational Complex and the International Community Schools to be used as a Commodity Point of Distribution (C-POD). A Memorandum of Understanding (MOU) was established between Mills College and the City of Oakland to be used as C-POD point as well.

Mass Notification System

The City of Oakland's Information Technology Department (ITD) spearheaded an initiative to keep the citizens of Oakland notified of emergency alerts by upgrading the existing siren system for the City. When local emergencies or disasters occur, the City of Oakland uses a mass notification system to communicate concise information and instructions to Oakland employees, residents, visitors and businesses including the type of incident, and instructions and actions to take to remain safe. One of the notifications systems is the Outdoor Emergency Warning Sirens System (Siren System) it was implemented to notify citizens of Oakland by sounding off a siren. The Siren System consists of 27 sirens located throughout the City that were upgraded with the latest technology. The Siren System is controlled from 2 locations, Fire Dispatch and Police Dispatch. The Control Points are independent and redundant to ensure system availability. The sirens are battery powered, and will operate if utility power is interrupted. The system can be upgraded to support remote activations and system readiness monitoring, from any mobile or desktop device. The system can be upgraded to support text, email, popup, etc. notifications both to the public, and to system management personnel. In the event of an emergent situation, to notify the public, the system is configured to use three different siren sound types to differentiate between multiple scenarios: The three sirens are to Shelter-in-Place, Tsunami warning and Wildfire alerts.

- 1 Shelter-in Place: A 3-minute Steady tone to alert the public to take shelter.
- 2 Tsunami Alert: A 3-minute Slow Wail tone to alert the public that a Tsunami is possible or eminent.
- 3 Fire Alert: A 3-minute Fast Wail tone to alert the public that there is a fire condition.

Once the siren is sounded, Citizens are encouraged to tune to news stations at KGO, KCBS, KNBR or the City's 530 AM radio. The sirens are tested on the first Wednesday of the month at noon. At noon, a 90-second, slow wail will sound from all sirens throughout the City. The first test will be followed 15 minutes later by another 90-second, slow wail.

On January 1, 2016, the City of Oakland started participating in Everbridge, the Alameda County Mass Notification Alert System, more commonly referred to as AC Alert. Alameda County Alert is an internet-based system that can send emergency messaging via telephone, Short Message Service (SMS) text message, email, instant message, fax or TTY/TDD to all subscribers to the system. For Internal Communications within the City, the City employees will eventually be added to the system, to receive notifications based on the notification protocols in the Emergency Notification System Policy and Procedures Plan or as directed by the City Administrator or Emergency Manager. The residents of Oakland can register into AC Alert by utilizing "opt-in" feature by providing their cell phone number and address at <u>www.aclert.org</u>. Citizens will have an option to select what type of notifications they would like to receive from the City such as: City Oakland Events and Information, Red Flag Warnings, and Urgent Oakland Business Alerts. Citizens also have the option of receiving alerts from Alameda County and surrounding cities.

Emergency Management and Disaster Preparedness Council

This section covers meeting highlights and participation of management and staff activities as Emergency Management and Disaster Preparedness Council (EMADPC) members. The EMADPC strategic goals are directed towards preventing loss of life, maintaining health and life safety, and efforts to stimulate more community involvement.

The City of Oakland's Emergency Management and Disaster Preparedness Council (EMADPC) has supported the following efforts for the period of July 1, 2016 through June 30, 2017:

The City of Oakland has contracted Chicago Building and Iron Environmental & Infrastructure, Inc. (CB&I), to update to produce 52 of its Emergency Operations Plans and Annexes. The kick-off for this project began on December 4, 2016 with an estimated completion date of March 30, 2017. This date was extended to April 30, 2017 to ensure that vital plans were completed. A presentation was given by Paul Jacks, Project Manager for CB&I, Inc. outlining the project objectives and timelines. The Emergency Operations Plans, Emergency Support Functions, Continuity of Operations Plan, Disaster Support Function, Disaster Recovery Plan and Annexes have been completed.

- The Emergency Operations Plans, Emergency Support Functions and Annexes have been completed.
- EMSD continues to coordinate with other agencies within the Region II of the State of California on Preparedness, Responses and Recovery doctrine. During a meeting with the Region II *Mutual Aid Regional Advisory Committee (MARAC);* the California Office of Emergency Services' Bay Area Earthquake Plan was reviewed and revised to further establish roles and responsibilities at the local government level. The completed Plan can be found at:

http://www.caloes.ca.gov/PlanningPreparednessSite/Documents/BayAreaEQConops (Pub_Version)_2016.pdf

The Oakland Unified School District (OUSD) presented information on their Family Reunification Plan which is a significant part of the OUSD's Safety Plan. The Oakland School Police Department, Office of Emergency Services were instrumental in the development of the plan. The Plan consisted of three main components, which were the following: 1. write the procedures and protocols; 2. develop Emergency Job Action Sheets; and 3. perform exercises and drills. The Family Reunification Plan focuses on the removal of students from the scene of the crisis to a safe and secure location. The Plan supports the reunification of students with their families.

- The Oakland Human Services Department initiated the 2016/2017 North Alameda County Winter Shelter Strategy from lessons learned from the past winter relief model with the primary objectives being:
 - To bring those who are unsheltered and/or living in places not meant for human habitation out of severe weather; and

 Work towards ending as many episodes of unsheltered homelessness as possible.

Emergency Operations Center

During the period of July 2016 to June 2017, EMSD staff has been extremely busy with coordinating initiatives to increase the City's ability to respond to disasters. These efforts have been profound and highly effective in being prepared for, responding to and recovery from disasters and emergencies in Oakland. The EOC stands ready to provide a centralized location where interagency coordination and executive decision making can be made to support response to an incident. The EOC supports the on-scene Incident Commander by coordination through information collection and evaluation, priority setting and resource management. The EOC has been ready and called into action numerous times during the past year. The following is a list of events when the EOC was either activated or there was coordination of agencies to support incidents within the City of Oakland.

- 31st Avenue Fire
- Numerous Post Presidential Election Protests, including the Inaugural Week
- Winter Weather Storms
- Martin Luther King Jr. Day Events

- May Day Protests
- National Basketball Association games four and five, including the Championship Celebration Parade
- 2551 San Pablo Street Fire
- Valdez Street Fire

In all, the EOC has activated more than thirteen times with the main purpose of providing coordination and resources to support incidents within the City of Oakland during this period.

The EMSD Staff has taken progressive measures to increase of capabilities of the City's response to disasters and emergencies by offering training to the members of the City in EOC operations and the Emergency Operations Base Plan. These initiatives allow a better understanding of emergency operation concepts by providing workshops that would create a higher level of familiarity with the Emergency Operations Base Plan, Emergency Support Function Plans and operations within the EOC. EMSD staff continues to lean forward to provide knowledge and support to all agencies to be better prepared for disasters and emergencies.

Communities of Oakland Responding to Emergencies Program

This section provides a background and overview of the Communities of Oakland Responding to Emergencies (CORE) Program. Since 1989, The City of Oakland Fire Department has offered Community Emergency Response Team (CERT) training known as CORE. Recent activities of the CORE Program are summarized below.

• On April 29, 2017, the City of Oakland conducted the 12th Annual Citizens of Oakland Responding to Emergencies (CORE) Citywide Disaster Response Exercise for the citizens of Oakland. CORE is a multi-hazard community preparedness training program and is recognized as a Community Emergency

Response Team (CERT) Program. CORE was initiated in 1990 following the 1989 Loma Prieta earthquake and is the second oldest program in the Nation dedicated to teaching self-reliance skills and helping neighborhoods organize and establish response teams to take care of themselves until professional emergency personnel arrive. The mission of the CORE Program is to promote the spirit of neighbors-helping-neighbors and to provide the highest quality emergency and disaster prevention, preparedness and response training. The focus of this year's exercise was to test disaster preparedness, practice and evaluate the ability to respond to a major emergency.

This year's exercise was centered on the "Stop the Bleeding" class that was conducted at the Oakland Fire Department's Training Division by members from the Alameda County Public Health Department. This was followed by the practical application of organizing teams to conduct light search and rescue, disaster first aid, and communication in a simulated neighborhood affected by a earthquake. There were 28 neighborhoods that participated in the exercise throughout the City. The Oakland Radio Communications Association also assisted by providing HAM Radio communication to others throughout the City.

 In May 2016, the City of Oakland was one of five cities in the Bay Area to be selected to participate in the Cities of Service Program. This Program awarded the City a \$50,000 grant to be used to advance the local resiliency and preparedness of the community. This grant was an initiative from the Walmart Foundation, to be used as part of the Bay Area Impact Volunteering Program.

The Neighbors Helping Neighbors Program was created from the generous grant from the Cities of Service Program. The Neighbors Helping Neighbors program is designed to assist individuals and families in neighborhoods throughout the City of Oakland. The program consisted of educating citizens of Oakland in disaster preparedness plans, gathering supplies to be able to sustain themselves (i.e. "Build a Kit"), and staying informed through the City's emergency notification program. This initiative launched in October 2016 and since this date, the CORE Program Instructors has held nine classes and one special event with Oakland Fire Prevention Bureau teaching more than 300 citizens of Oakland.

On October 20, 2016, The Great California Shakeout was conducted at 10:20 a.m. This was an initiative to increase the awareness of the high threat of earthquakes throughout the State of California, but particularly in the Bay Area which has the more active fault lines per a kilometer than any other place in the United States. Residents of Oakland were encouraged to register either themselves, their families or their organizations at the <u>www.shakeout.org</u> website. The website provided information on how to be better prepared for an earthquake. The concept of "Drop, Cover, and Hold On" continues to be used by residents of California to remind themselves what to do in the event of an earthquake.

- Cardiopulmonary Resuscitation (CPR) and Automated external defibrillator (AED) and basic First Aid classes are being taught by the CORE Program Instructors. These classes are vital in educating residents in the City to be better prepared in event that an adult or child may need assistance. These classes are taught quarterly and to date, there has been more than 40 residents of Oakland attendingin these classes.
- The CORE Program Instructors continue to work diligently to keep the citizens of Oakland prepared in event of a disaster or emergency. Each month, public and private classes in CORE I and II are presented to residents throughout the city. Recently, foreign language interpreters have been utilized to broaden the reach across language barriers by teaching in Spanish, Mandarin, Cantonese and Vietnamese. This initiative strengthens the resiliency of all members of the Oakland community. From July 1, 2016 to June 30, 2017 there are 131 CORE events with 1,751 persons in attendance. Please refer to *Attachment A* for more detailed data on CORE classes offered and attendance.

FISCAL IMPACT

This is an informational report only; there is no fiscal impact.

PUBLIC OUTREACH / INTEREST

This information will be posted to the City of Oakland website.

COORDINATION

EMSD and OESDC activities are coordinated with local, state, regional and federal constituents assuring the City of Oakland meets or exceeds all levels of compliance for emergency preparedness and disaster response. This report was reviewed by the Office of the City Attorney.

SUSTAINABLE OPPORTUNITIES

Economic: Increased readiness contributes to the long-term recovery efforts for personal and business return to a more normalized community as soon as possible after a major disaster.

Environmental: Environmental damages can be minimized and cleanup efforts maximized through disaster mitigation efforts, effective plans and coordinated emergency response.

Social Equity: The activities of the EMSD are available to the entire Oakland community.

EMSD staff is engaged with the Equal Access Division, the Mayor's Commission on Aging, and the Mayor's Commission on Persons with Disabilities to ensure that its activities and materials are accessible to Oakland residents.

The CORE program continues its outreach to include a focused recruitment of persons with functional needs, and those who speak languages other than English such as Cantonese, Spanish, Mandarin and Vietnamese. The CORE program training contains sections on preparedness for people with functional needs.

Brochures and meeting minutes for EMSD programs continue to be published in Braille, on audiotape, in large print format and in Spanish and Chinese. Sign language interpreters are utilized as needed. All of the City of Oakland Emergency Operations Plans, Annexes and Emergency Support Functions have been reviewed for applicability and reflect appropriate guidelines for Persons with Functional Needs when indicated.

ACTION REQUESTED OF THE CITY COUNCIL

Staff recommends that the City Council receive this informational report on emergency preparedness and disaster planning.

For questions regarding this report, please contact Mitchell Green, Acting Emergency Management Services Division Manager at 510-238-6069.

Respectfully submitted,

Darin White Interim Fire Chief

Reviewed by: Angela Robinson Piñon Assistant to the Director

Prepared by: Mitchell Green Acting Emergency Management Services Manager

Attachment A: CORE Program Data for July 1, 2016 to June 30, 2017

COF	RE Prog		ning Stat uly 1, 201				strict (CD))	
·	CD 1	CD 2	CD 3	CD 4	CD 5	CD 6	CD 7	Other/ Unknown	Total
<u>Basic Training</u>									
CORE I (EN)	149	90	241	118	49	32	22	91	792
CORE I Weekend (EN)				. •					
CORE II (EN)	62	8	120	75	18	18	9	40	350
CORE II Weekend (EN)								ļ	
CORE III A (EN)	9	4	5	10	2	10	1	9	50
CORE III B (EN)	8	6	5	10	2	7	1	9	48
CORE III C (EN)	7	4	4	11	2	9	1	8	46
CORE III Hands-On (EN)	3	3	3	10	1	3	1	1	25
CORE III A, B, C – Hands-									
On Weekend (EN)	20	3	18	10	0	2	0	2	55
CORE II Refresher							8		8
TOTAL CORE (EN)	258	118	396	244	74	81	43	160	1374
CORE I (SP)									
CORE II (SP)									
CORE III (SP)									
*TOTAL CORE (SP)									
CORE I (CH)									
CORE II (CH)									
CORE III (CH)									
*TOTAL CORE (CH)									
Workshops	Contraction (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Constant for a modulation man constant			Sector Party Providence and		Contraction of Contraction of Contraction		
Neighbors Helping							· · · · · · · · · · · · · · · · · · ·		
Neighbors (9 classes)	17	98	32	4	3	13	15	~53	235
Citywide Exercise Skills	7	5	0	6	0	0	0	2	20
Citywide Exercise Drill	11	5	6	4	0	3	1	50	80
Citywide Exercise									
Debriefing	7	3	1	6	0	0	0	0	17
Communications	1	0	0	0	0	0	0	3	4
Moulage	1	0	1	0	0	0	0	6	8
Stop the Bleed	1	0	0	0	0	0	0	12	13
TOTAL WORKSHOPS (EN)	45	111	40	20	3	16	16	126	377
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GRAND TOTAL:	303	229	436	264	77	97	59	286	1751

ATTACHMENT A: CORE Program Data for July 1, 2016 to June 30, 2017

***CORE Classes with Interpretation**

Date	Class	Location	English	Cantonese	Mandarin	Vietnamese	Spanish	TOTAL
	s Helping	Neighbors (NH	N)					
3/11/17	NHN	Lincoln Recreation Center	Х	X	Х			48
4/6/17	NHN	Lincoln Recreation Center	х	x	X		-	86
5/13/17	NHN	Youth Uprising	х				х	11
6/2/17	NHN	Clinton Commons	х	x	х			21
6/23/17	NHN	Asian Health Services	х	х				15
6/30/17	NHN	Asian Health Services	х	X				10
		•					Total	191
	ORE II Clas		·		I	· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · ·
6/9/17	CORE I	St. Mary's Center	11	28				39
8/16/16	CORE I	Valdez Plaza, SAHA	8	62	41		c	111
8/23/16	CORE II	Valdez Plaza, SAHA	6	55	31			92
8/30/16	CORE I	St. Patrick's Terrace		25				25
	•	·••	1				Total	267
Grand Total								

*Interpreters provided for CORE I, CORE II and Neighbors Helping Neighbors classes in Spanish, Cantonese, Mandarin and Vietnamese. Interpreters are a combination of community members, CORE volunteers and paid interpreters provided through our Equal Access Department. See table above for total attendance break down.

ATTACHMENT A: CORE Program Data for July 1, 2016 to June 30, 2017

