

Emergency Response and Management Committee (ERMaC) Accomplishments Report 2011

MEMBER AGENCIES

Cal/EPA

Air Resources Board (ARB)

Department of Pesticide Regulation (DPR)

Department of Toxic Substances Control (DTSC)

Office of Environmental Health Hazard Assessment (OEHHA)

State Water Resources Board (SWRCB)



INTRODUCTION

The Cal/EPA Emergency Response Management Committee (ERMaC) coordinates preparedness for and responses to environmental emergencies in California under assigned statutory authorities. ERMaC is comprised of appointed representatives and alternates from each board, department and office (BDO) and is chaired by an appointee of the Agency Secretary. ERMaC members have fully delegated authority, within respective BDOs to activate and direct resources and personnel to affect timely and appropriate response to disasters and large-scale emergencies.

Cal/EPA complies with the National Incident Management System (NIMS) for emergency preparedness and operates as a state agency with specific jurisdiction under the Standardized Emergency Management System (SEMS), as coordinated by California Emergency Management Agency (CalEMA).

ERMaC's mission is to manage public health and environmental consequences of emergency events through effective, coordinated agency-wide preparedness, response, recovery and mitigation activities. ERMaC is responsible for emergency planning and training, and coordinates all Cal/EPA entities in emergency response and recovery actions. It serves as the forum for developing and maintaining the Cal/EPA collective Administrative Orders and emergency response plans.

The 2011 Accomplishments Report is organized into sections reflecting ERMaC's three principal functional responsibilities: Incident Response & Recovery Actions, Training & Exercises, and Publications. Appendix A. provides a summary of each BDO's activity and program highlights for 2011 in tabular form. Appendix B. provides information on ERMaC's formation, history and statutory authorities. Appendix C lists and briefly describes ERMaC's non Cal/EPA collaborating emergency response partners from other State and federal agencies.

INCIDENT RESPONSE & RECOVERY ACTIONS

Clear Lake Hydrogen Sulfide Release - February 2011

Cal/EPA's ERMaC was contacted by Lake County's Health Officer to assist in an investigation of naturally occurring releases of hydrogen sulfide (H₂S) in Lake County, California. Residents had been complaining for some time regarding the H₂S smell in and around their community and were concerned about potential health effects. Cal/EPA assisted with site assessments in 2010 and 2011. ERMaC members created a three-part mitigation plan for local officials and recommended a monitoring and evacuation plan for an elementary school, residential neighborhood, and a commercial building near Clear Lake.



Clear Lake H₂S Monitoring

Multi-Agency Coordination Group formed to address Japanese Earthquake, Pacific Tsunami, and Radiation Concerns - March 2011

On March 11, 2011, a magnitude 9.0 Earthquake struck off the eastern coast of Honshu, Japan resulting in a tsunami and nuclear reactor fallout impacting the coast of California. During this disaster,

ERMaC was involved in the following Cal/EPA response actions

- Coordination of ERMaC assets for the CalEMA recovery efforts at two California harbors damaged by the tsunami;
- Representation of Cal/EPA on statewide and national conference calls;

- Formation of a Multi-Agency Coordination Group (MAC) to address radioactive fallout from the Japanese nuclear reactors that was believed to be reaching the California Coast.
 - The MAC was established with representatives of ERMaC, U.S. EPA Region IX, California Department of Public Health Radiological Health Branch, California Department of Food and Agriculture, and local public health departments and air pollution control agencies.
 - The MAC assisted in coordinating state and federal air monitoring, data collection, and review and interpretation of the results.
 - The MAC also developed and coordinated public health messaging. The MAC developed a series of talking points for the most impacted air districts and helped facilitate a number of television and newspaper interviews about the radiation monitors located throughout California.
 - MAC members coordinated public outreach material for websites, including access to real-time radiation monitoring data, health effects of radiation, the use of potassium iodide pills, and links to important and reliable sources of additional information.



Hazardous Waste Removal Events

Member agencies of ERMaC in 2011 also responded to a variety of hazardous waste incidences.

- In one incident, emergency response staff deployed to a residence in Placer County in April of 2011 to provide oversight of the assessment and removal of thirty 55 gallon drums and twenty-five 5-gallon buckets containing hazardous waste.
- In another incident in December of 2011, emergency response staff were dispatched to Lake Arrowhead in San Bernardino County to assist with assessment of a home for mercury residue, and with removal of contaminated material.



Placer County HazMat Removal

TRAINING & EXERCISES

Exercises:

Golden Guardian (2011):

All ERMaC BDO's participated in the annual State-wide CalEMA exercise "Golden Guardian in May 2011.

- Cal/EPA activated its Emergency Operations Center (EOC) at the DTSC Departmental Operations Center (DOC) which services as the alternate EOC for ERMaC.
- ERMAC member staff was also sent to the State Operations Center (SOC) at CalEMA to represent Cal/EPA.

- The two-day exercise scenario was a two-day simulated flood disaster. The objectives of the exercise were to:
 - Demonstrate the ability to activate and operate the EOC;
 - Utilize alternate communications systems;
 - Prioritize and report situational status information throughout the chain of command and assess the capability and adequacy of Cal/EPA's Hazardous Material and Oil Emergency Annex to the State Emergency Plan, known as EF-10.

Dark Zephyr Anthrax Response Exercise

Members of Cal/EPA's ERMaC participated as players and subject matter experts in a table top exercise (TTX) called Dark Zephyr in March 2011.

- The scenario calls for an anthrax release in the city of San Francisco impacting several thousand people.
- The exercise focused on:
 - Dispensing prophylaxis and obtaining vaccines through the strategic national stockpile, and
 - Assessing the area impacted and decontamination of a large population as well as public buildings.

Training:

ERMaC Sponsored Training Courses:

Particulate Monitoring and Field Gas Chromatography for Air Emergency Response - June 2011

ERMaC participants of the Air Resources Board (ARB), in coordination the California Air Response Planning Alliance (CARPA) and the South Coast Air Quality Management District (AQMD), sponsored a two-day training seminar on techniques for monitoring air quality during emergencies.

- The first day focused on particulate monitoring for smoke events using handheld and portable equipment.
- The second day focused on field level toxic gas analyzers.
- Approximately 45 persons attended and represented various agencies including local hazmat, air districts, and tribes.

Continuing Challenge “You have Cal/EPA in Your Incident Command”

- September 2011

ERMaC participants presented “You have Cal/EPA in your ICS” at the September 2011 Continuing Challenge HazMat Workshop

- The course explained Cal/EPA’s lead role in the Emergency Function 10 (EF-10) for Hazardous Materials and Oil Spills.
- Each BDO within Cal/EPA’s ERMaC described resources available for emergency response and recovery efforts.

In addition, ERMaC representatives presented a course entitled, “Recent Case Studies in Air Emergency Response” to familiarize attendees with coordinated multi-agency air monitoring and sampling efforts during emergencies.

TABLE 1. ERMaC 2011 TRAINING COURSES

Class	Subject	Instructor	When Given	Attendees
ERMaC 103	“Cal/EPA in Emergency Response” What each BDO does during an emergency response so you can represent all of the Agency and not just your BDO.	Shelley DuTeaux, ARB	3/24/2011 @ Sierra Hearing Room	42
ERMaC 104	“Cal/EPA EOC Training” What an Emergency Operation Center does and how it operates.	Steven Monk, DPR	3/24/2011 @ Sierra Hearing Room	19
ERMaC 105	“EOC Director and other Management Positions” EOC position-specific training for the Management Section.	Steven Monk, DPR	4/7/2011 @ Sierra Hearing Room	17
ERMaC 106	“EOC Operations and Logistics Positions” EOC position-specific training for the Operations and Logistics Sections.	Steven Monk, DPR	4/7/2011 @ Sierra Hearing Room	19
Situation Unit	“Maintaining Situational Awareness During an Incident” The role of the Situation Unit in the Planning and Intelligence Section of an activated EOC.	John Kennedy, U.S. EPA	4/29/2011 @ DTSC DOC	14
ERMaC 107	“Planning and Intelligence Positions” EOC position-specific training for the Planning and Intelligence Section.	Steven Monk, DPR	5/11/2011 @ Sierra Hearing Room	18
RIMS	“Response Information Management System (RIMS) Training” Hands-on training in CalEMA’s computer database for recording and tracking emergency response activities.	Steven Monk, DPR	5/13/2011 @ CDFA DOC	12
Agency Rep	“Finding Your Way in the Jungle” The role of the Agency Representative in Incident Command.	Bill Robberson, U.S. EPA	7/22/2011 @ Sierra Hearing Room	15
Continuing Challenge	“You Have Cal/EPA in your Incident Command” Roles that Cal/EPA may play in an Incident Command.	ERMaC representatives	9/8/2011 @ Radisson Hotel	23

PUBLICATIONS

Plans:

Cal/EPA 2011 Emergency Response Training Plan

ERMaC developed a training plan which established tiered training requirements and course curricula for ERMaC representatives, support staff, managers, and Cal/EPA employees.

- Both FEMA and the Department of Homeland Security require development and execution of such plans, in addition to State statutory requirements.
- The Emergency Response Training Plan included a new tracking system for all emergency-related classes and a 2011 Training Calendar.

ERMaC Emergency Response Training and Exercise Plan Interim Draft

ERMaC developed an interim draft of the “Emergency Response Training and Exercise Plan.”

- To identify and address ERMaC training and exercise priorities for the next three years.
- The plan includes a schedule of planned ERMaC training courses and exercises which is submitted to CalEMA annually for incorporation into the State of California Multi-Year Training and Exercise Plan.
- The ERMaC Emergency Response Training and Exercise Plan will be updated on an annual basis.

ERMaC Work Plan

The ERMaC develops an annual Work Plan to prioritize efforts to meet the ERMaC’s standing goals as outlined in its Charter. The Work Plan is not intended to be a comprehensive list of ERMaC activities, but rather those priorities for the calendar year that are most necessary to make significant progress towards each of the Standing Goals

- STANDING GOALS:
 - ❖ To serve as an internal forum for Agency-wide emergency preparedness, response, recovery, and mitigation activities.
 - Revise the EF-10 Hazardous Materials and Oil Plan and complete integration with the revised Cal/EPA Emergency Response Plan.
 - Work with CDFG to complete an Emergency Animal and Food Disposal Plan.

- ❖ To serve as points of contact and agency representatives for various state, federal, local, and tribal emergency response projects and interagency forums.
 - Expand the pool of Cal/EPA staff that are dedicated to, or available for, emergency management activities. Ensure they are appropriately trained and experienced.
- ❖ To coordinate and conduct CalEPA emergency response training, including compliance with NIMS and other established standards.
 - Complete a catalog of ERMaC, CalEMA, and USEPA Region IX courses pertinent to the Training and Exercise Plan (TEP); and prioritize classes for 2012 and beyond.
- ❖ To coordinate operational readiness to affect timely and appropriate response to disasters and large-scale emergencies, including maintenance of an Agency Emergency Operations Center and appropriate testing for emergency response capabilities.
 - Implement the TEP in 2012 so that at least an EOC activation and an EF-10 exercise are completed.

[Guidance Documents:](#)

**California Hazardous Material and Oil Emergency Function (EF-10)
Annex to the State Emergency Plan (SEP) and Fact Sheets**

In 2010, CalEMA appointed the Cal/EPA to be the lead State agency for development of the Hazardous Materials and Oil Emergency Function Annex to the California Emergency Plan (SEP).

- The Hazardous Materials and Oil Emergency Function Annex (EF-10), provides for a coordinated response from state agencies and government entities with jurisdictional and regulatory authority to conduct all phases of emergency management for the response and recovery from a release of hazardous materials or oil.
- As described in the goals and objectives, the EF-10 Plan is to be reviewed annually.
- The EF-10 Workgroup reviewed an interim draft in November 2011.
 - [Interim Draft – California Hazardous Materials and Oil Emergency Function Annex EF-10 \(PDF\)](#)
- Additional revisions will be considered in 2012.
- ERMaC representatives are collaborating on a workshop/table top exercise for all EF-10 primary and supporting agencies.
- A series of fact sheets were developed and posted on the ERMAC website in 2011.
 - [California Emergency Functions Fact Sheet -- June 2011 \(PDF\)](#)
 - [California Hazardous Materials and Oil Emergency Function Fact Sheet EF-10 -- June 2011 \(PDF\)](#)
 - [California Emergency Function-10 -- Frequently Asked Questions \(PDF\)](#)
 - [California Hazardous Materials and Oil Emergency Function \(EF-10\) Fact Sheet -- January 2011 \(PDF\)](#)

Emergency Debris Removal Guidance

The Asbestos Debris Task Force completed the Emergency Debris Removal Guidance document in December 2011.

- This guidance document is to be utilized by local and state agencies to identify debris management options to address during an emergency debris and hazardous material removal pursuant to a local or State Proclamation of a State of Emergency including a natural disaster or man-made incident.
 - [Guidance for Conducting Emergency Debris, Waste and Hazardous Material Removal Actions Pursuant to a State or Local Emergency Proclamation -- October 2011 \(PDF\)](#)

Emergency Animal Disposal Guidance / Emergency Food Disposal Guidance

The Emergency Animal Disposal Guidance Workgroup of ERMAC reconvened.

- The Workgroup is updating the Emergency Animal Disposal Guidance document that was last revised in 2004.
- In addition, members of the Workgroup along with representatives from USDA, FDA, CDPH, and CDFA are developing a new emergency food disposal guidance to cover potentialities of a massive food adulteration or contamination emergency.

[After Action Reports](#)

San Bruno/Glenview AAR

San Bruno/Glenview After Action Report (AAR) and Recommendations were completed February 2011. The recommendation for in-house training of Cal/Recycle staff to prepare for future similar incidents was completed June 2011.

APPENDIX A.

SUMMARY OF ERMaC 2011 EMERGENCY RESPONSE ACTIVITIES

Date	BDO	Location	Name	Short Description
January	SWRCB	Barstow	Barstow Groundwater Contamination	The Lahontan Regional Water Board staff oversaw the investigation of multiple domestic water wells contaminated with perchlorate. Water Board staff is working with U.S. EPA to identify a contamination source for future cleanup efforts.
January	SWRCB	Los Angeles	Storm water Crude Oil Contamination	Los Angeles Regional Water Board staff worked in cooperation with the local sanitation agency and U.S. EPA to coordinate a response and cleanup oversight plan.
February	ARB	Lake County	Clear Lake H2S	Met with U.S. EPA, Lake County and the City of Clear Lake officials to discuss and investigate naturally occurring hydrogen sulfide emissions in a residential area.
March	CalEPA, OEHHA	San Francisco	Dark Zephyr	This exercise created a scenario where an anthrax release in the City of San Francisco impacted several thousand people.
March	All BDOs	Statewide	Japan Earthquake, Tsunami and Radiation Release	Monitored radioisotopes and coordinated additional monitoring locations with U.S. EPA; coordinated public communication with Air Districts; participated in MAC; assisted USGS and Army Corps in debris removal; assisted in the removal of debris and hazardous waste; and helped to develop public health messaging.
March	DTSC	Bakersfield	Mercury Cleanup	Performed cleanup of a residence where children found and spread mercury throughout the home.
March	SWRCB	Ventura	Vintage Oil Spill	Los Angeles Regional Water Board staff supported cleanup effort by offering technical and regulatory assistance
April	DTSC	Elverta	Hazmat Removal	Removed thirty 55-gallon drums and twenty-five 5-gallon buckets containing hazardous materials that were abandoned at a vacant home.
May	All BDO's	Sacramento	Golden Guardian	Cal/EPA activated EOC and all BDOs participated in this State-wide emergency exercise.

Date	BDO	Location	Name	Short Description
May	DTSC, DPH	Livingston	Contaminated Cosmetics	A young boy showed high levels of mercury in his urine. DTSC surveyed the home, tested potential products and discovered a cream that tested positive for mercury. DPH: requested assistance from DTSC for assessing the cream.
May	All BDO's	Sacramento	Provided Training	ERMaC course 107 "Planning Section Positions on May 11 th
June	OEHHA, ARB	Denver	Airport Remediation Project	Provided information regarding airport emergency plans pertaining to a chemical release.
June	CDFA/ All BDO's	California	Emergency Animal Disease Plan	ERMaC members assisted CDFA on updating guidance on animal disposal.
June	SWRCB	Roseville	Spill Cleanup	5000 gallon spill of denatured alcohol at a rail yard required a cleanup effort.
June	ARB	Diamond Bar	Particulate Monitoring and Field Gas Chromatography for Air Emergency Response	Co-sponsored two-day emergency air monitoring training in Southern California.
July	ARB	New Mexico, Arizona	Wallow and Las Conchas Fire	Provided public health and smoke information to tribal communities.
July	OEHHA, DFG, OSPR	Montana	Yellowstone Oil Spill	<u>OEHHA</u> : offered fisheries resources for ERMaC <u>DFG/OSPR</u> : Deployed staff to coordinate with State, US EPA and the responsible party (Exxon).
July	ARB	Kern County	Lion Fire	Coordinated with NPS, USFS, and Eastern Kern APCD on smoke messaging and data review.
July	ARB	San Francisco	Kinder Morgan Pipeline Co. Tabletop Exercise	The exercise tested the Brisbane Terminal's established emergency response policies and procedures, while enabling state and local responders, along with Kinder Morgan staff, to rehearse their respective deployment assignments and roles.
July	ARB	Fairfield, CA	Macro-Plastics Fire	Coordinated with Bay Area and Yolo-Solano AQMDs and Solano County Environmental Health on data analysis and public health messaging.
January - December	DTSC	California	HazMat Removal	Provided assistance to local agencies by removing and disposing of hazardous materials at 113 illegal drug lab incidents and 65 emergency response hazardous materials incidents.

Date	BDO	Location	Name	Short Description
August	ARB	Sacramento	River City Waste Recycler Fire	Interagency air monitoring with Sac City Fire HazMat; Consulted with IC and LHO on health advisories and shelter-in-place/evacuation orders.
August	OEHHA	Montana	Montana Fish, Wildlife and Parks	Provided information regarding concentration advice for fish consumption and closures related to PAH's.
October	DTSC	Barstow	HazMat Removal	Coordinate with San Bernardino County and the military to remove hazardous waste stored in a trailer. The material had been purchased from the military by a private individual almost 35+ years ago.
October	DTSC	San Bernardino	HazMat Removal	Removed flammable and combustible waste used to make fireworks from a home.
October	DTSC	Crestline	HazMat Removal	Removed large quantities of hazardous substances used to produce fireworks at a residence. Property owner was deceased and chemicals posed a potential fire and explosion hazard.
October	ARB	Lake Tahoe	California Nevada Executive Cross Border Emergency Exercise	ARB staff represented Cal/EPA at a one-day interstate exercise involving a simulated pipeline rupture effecting northern California and Nevada.
October	ARB, DTSC	Burbank	Unified Coordination Group Seminar	ARB and DTSC staff represented Cal/EPA at a one-day briefing on the unified coordination group (UCG) model for federal and State collaboration during a major southern California earthquake event. The 2012 Golden Guardian Exercise will be based on multiple agencies employing this collaborative model.
November	ARB	Watsonville	Advanced Responder Training for Ammonia-Related Emergencies	ARB staff participated on a panel during the 32-training sponsored by the Ammonia Safety Training Institute (ASTI) in November 2011. The focus was on understanding the methods of measuring exposure threats and the seemingly opposing IDLH and AEGL values.

Date	BDO	Location	Name	Short Description
December	DTSC	San Bernardino	Mercury Cleanup	Removed mercury that was dispersed from a broken barometer at a local residence.
December	DTSC	Modesto	HazMat Removal	Assess and remove hazardous waste associated with plating operations. Coordinating with USEPA to assist with the removal action.
December	DTSC	Lake Arrowhead	HazMat Removal	Performed mercury clean up of a residence where an antique barometer containing mercury was broken.

Appendix A.

2011 OIL SPILL RESPONSE

Date	Spill Source/Site	Actions Taken			
		Notification with phone and/or email tracking only	Recommendation for no fishery closure	24 Hour Closure	48+ Hour Closure with seafood testing
1-4-11	Commercial fishing vessel Phyllis J; Half Moon Bay	X			
2-15-11	Dredge barge; SF Bay	X			
2-22-11	Tanker Al Jalaa; Long Beach Harbor		X		
3-8-11	Pipeline rupture; Javon Canyon			X	
3-27-11	Commercial fishing vessel; Port San Luis Harbor	X			
5-15-11	Derelict barge; Alviso Slough	X			
5-19-11	Plane crash; Pt Mugu	X			
6-29-11	Commercial crab vessel Deenie Lynn; near Mile Rock outside SF Bay	X			
7-31-11	Capsized recreational vessel; Bolsa Chica Beach		X		
8-22-11	Sunken recreational vessel report; Contra Costa County	X			
8-23-11	Fishing troller Sea Hawk; Fish Harbor, LA Harbor		X		
8-26-11	USCG vessel; CG Island, Alameda	X			
8-30-11	F/V Midnight Hour		X		
10-2-11	Petaluma River Sinking Vessel	X			
10-13-11	Stinson Beach Grounded F/V	X			
12-11-11	UC Berkeley spill	X			
12-11-11	Tiger Tug Sunken Vessel Pt. Richmond	X			

APPENDIX B.

ERMaC HISTORY & AUTHORITIES

History

In its relatively brief history Cal/EPA has risen to the challenge of major environmental emergency events. The beginnings of its interdisciplinary approach to emergency response can be traced back to the year of the Agency's formation in 1991. That year, the Cantara Loop, five miles north of Dunsmuir was the site of a tragic train derailment and toxic chemical spill into the upper Sacramento River. The public outcry for improved response from emergency responders to such incidents gave rise to the Railroad Accident Prevention and Immediate Deployment (RAPID) program. ERMaC owes its origin to RAPID. Though the RAPID program was eventually disbanded, ERMaC has evolved in its place as the interdisciplinary forum of choice for coordinating Cal/EPA's emergency response and recovery efforts.

In 1998, Gerald G. Johnston, Cal/EPA's then-Deputy Secretary for Law Enforcement and Counsel, called for Agency BDOs to designate representatives to the Cal/EPA Emergency Response Multi-Agency Coordinating (ERMaC) Group. His memorandum provided the initial mission statement and objectives for ERMaC. Subsequent to Governor Davis's issuance of Executive Order D-3-99, the ERMaC focused on preparation for the Y2K calendar change.

With the Westley Tire Fire disaster in 1999, Undersecretary Brian Haddix refocused the working group on traditional disaster response scenarios. This iteration of ERMaC was known as the Emergency Response Management Advisory Committee. Later, under the leadership of current Assistant Secretary Don Johnson, ERMaC focused on developing administrative orders and emergency plans for the BDOs with the assistance of CalEMA. After several years of effective service and realizing a role that was far more than advisory, ERMaC was renamed as the Emergency Response Management Committee (ERMaC). It adopted its first operating charter in 2004.

Statutory & Administrative Authorities

The California Emergency Services Act of 2006 (CESA) enacted a major update and consolidation of the State's pre-existing emergency preparedness and response laws and executive orders. It required that all State agencies carry out activities assigned by the Governor and CalEMA (formerly the Office of Emergency Services). State agencies must cooperate with one another, CalEMA and other political subdivisions to prepare for, respond to, and mitigate the effects of regional and statewide emergencies, as declared by the Governor. The statutory duties of ERMaC members under CESA are aligned with their routine functional responsibilities for environmental protection.

APPENDIX B.

The primary tools for defining CESA responsibilities are BDO-specific Administrative Orders. Administrative Orders refer to documents approved by Cal/EPA and CalEMA describing the roles, responsibilities, and authorities of the respective agencies during State emergencies. Administrative Orders, prepared under the authority of the Governor's Executive Order W-9-91 and subsequent law, expand upon and consolidate emergency assignments of State agencies. Cal/EPA and its BDOs first developed collective Administrative Orders in 2002.

Each agency and BDO also develops an Emergency Response Plan that must be consistent with the provisions of the applicable Administrative Orders and the statutory authorities of the individual agency. CalEMA also reviews and approves these plans, in accordance with California's Standardized Emergency Management System (SEMS) and the National Response Framework, to accomplish assigned emergency management tasks. Agency plans may delegate authority and assign responsibilities to divisions, bureaus, field offices, or other elements of the agency. State agencies must ensure that all personnel assigned specific responsibilities in support of this plan are adequately trained and prepared to assume those responsibilities.

Cal/EPA and the BDOs chartered ERMaC in 2004 as the forum for developing and maintaining the Cal/EPA collective Administrative Orders and Emergency Response Plans. ERMaC's mission is to effectively manage the public health and environmental consequences of emergency events through coordinated, agency-wide preparedness, response, recovery, and mitigation activities. ERMaC is responsible for emergency planning and training, and coordinates all Cal/EPA entities responding to and recovering from emergencies.

ERMaC's 2011 Work Plan includes reviewing and recommending updates to the Administrative Orders and Emergency Response plans, consistent with CalEMA's ongoing update of the State Emergency Plan.

APPENDIX C.

ERMaC Supporting and Collaborating Agencies

California Emergency Management Agency (Cal EMA)

CalEMA promotes collaboration between Cal/EPA and other State agencies by offering insight to State-wide emergency response and emergency management perspectives in relation to planning, operations, training, reporting and financial assistance.

California Department of Food & Agriculture (CDFA)

CDFA emergency preparedness and response functions address health-related incidents potentially effecting the state's food supply and commercial agricultural interests, including incidents effecting dairy, livestock, poultry, feed and crop production. Agricultural emergencies involve disposal of livestock carcasses and food during natural disasters, livestock specific disasters, and other incidents involving disease or contamination. CDFA monitors these incidents, provides updated information to the involved agencies, and coordinates activities as necessary.

Department of Fish & Game (DFG) – Office of Oil Spill Prevention & Recovery (OSPR)

Protecting fisheries and wildlife habitats, DFG wardens act as incident commanders and investigators on numerous oil spills and hazardous material incidents throughout California. Major response actions in 2010 included the 'Dubai Star' oil spill in San Francisco Bay and investigation of the PXP crude oil discharge into the Rio Hondo Channel in Los Angeles County.

California Department of Public Health (CDPH)

Members of the CDPH Division of Environmental and Occupational Disease Control (DEODC) Emergency Planning and Preparedness Team (EPP Team) serve as a liaison between Cal/EPA and CDPH by providing insight into public health perspectives in relationship to hazardous materials incidents.

Department of Resources Recycling & Recovery (CalRecycle)

Previously a department of Cal/EPA, CalRecycle is now a supporting and collaborating agency to ERMaC with technical and operational expertise on solid waste and non hazardous debris removal issues.

U.S. EPA Region IX

U.S. EPA Region IX's Emergency Response Program - with federal on scene coordinators (OSCs) based in San Francisco, Signal Hill and Carson City, NV - responds to environmental disasters, hazardous materials releases, time-critical removals, and inland oil spills that threaten human health or the environment. OSCs bring considerable federal authority and resources, as authorized under their governing statues (CERCLA, OPA, and CWA), to assist state and local agencies in emergency response, removal, and recovery incidents.