

**ESF 10 Coordination
Electronic Area Plan
Chemical Inventory Access
Hazmat Release Response**



Overview & Program

- Welcome
- Background
- ESF10 Local Work Group Outcomes
- CBRNResponder Demo

John Elkins, CalEPA

Jim Bohon, CalEPA

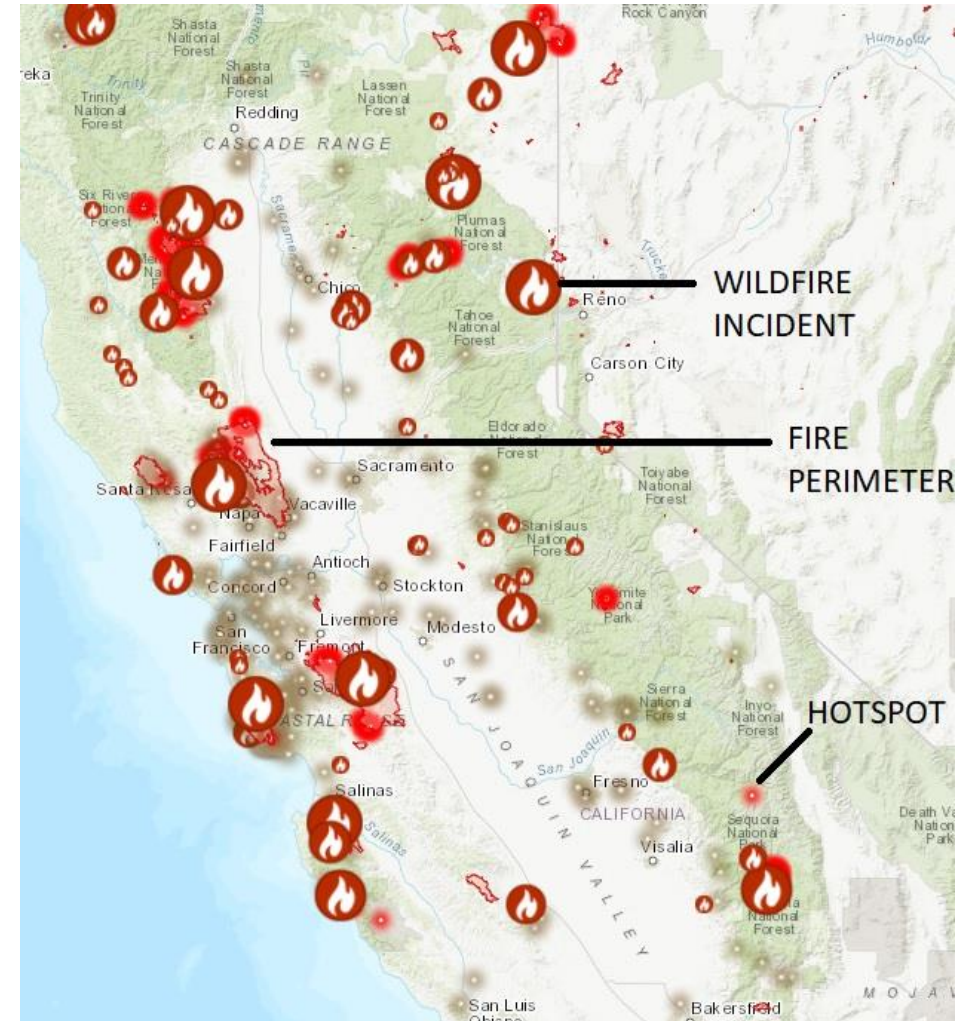
John Elkins, CalEPA

Megan Callan, Chainbridge



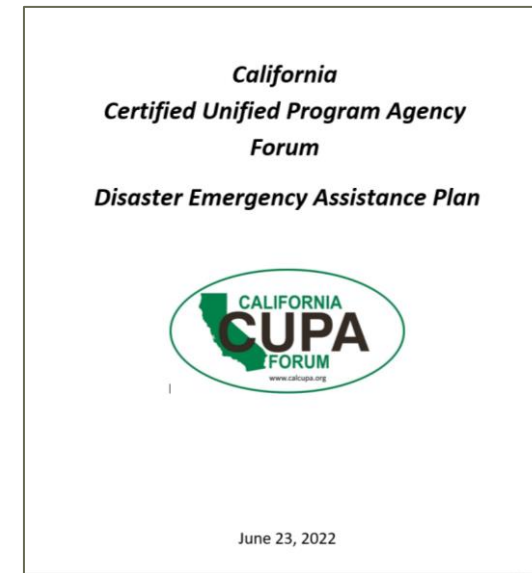
Background

- 2014 - 2016 Wildland Fires, Active Shooter, other incidents identifies better situational awareness need.
 - CalEPA has expanded role in emergency response (ESF-10)
 - Local Hazmat Specialists used across jurisdictions (No Mutual Aid)
- 2014 – 2016 CalEPA and CUPA Forum
 - Efforts to define Field Responder Tool that uses HMBP Data (Failed)



Background

- 2017 CUPA Forum DEAP (draft) Published (Final published June 2022)
- 2017 ChemResponder developed from FEMA RadResponder
 - No licensing costs
 - Financial support codified in federal law



ChemResponder About Our Network Resources Contact Request an Account Sign In

welcome to ChemResponder

959 organizations
6436 responders

TECHNICAL ENHANCEMENTS
Next Website Release
The next website release is tentatively scheduled for the late evening hours of Friday, March 10, 2023. During this deployment, you may experience some site outages. The "downtime" during such releases are unavoidable to ensure the website continuously improves and maintains its status as the national standard and whole community solution for the management of CBRN data. If you have any questions or concerns about this date, please email us at support@cbmresponder.net

NEWS & EVENTS
CBRNResponder @CBRNResponder
The #RadResponder team has been in Columbia training the @scdhec organization! We continuously try to make our trainings as interactive and customized as possible. Take a look at what we've been up to these past two days!

COMMUNITY INITIATIVES
Riley County Police Department Uses CBRNResponder to Monitor Real-World Rad, Chem, and Bio Incidents

Riley County Police Department Uses CBRNResponder to Monitor Real-World Rad, Chem, and Bio Incidents



Background

- 2019 CalEPA CERS NextGen project removes CERS ER Tab from requirements
 - Helped CUPAs meet legal requirements
 - Low usage: 350 Accesses /Year (includes signup and trainings)
- 2019 CalEPA looks at ChemResponder potential uses
 - Replace CERS ER Tab

CERS Regulator

Emergency Responders

Search

Business Name: [] CERS ID: []

Business Site Address: 2703 5TH ST STE 7 City: Sacramento Zip Code: []

Search

CERS ID	Facility Name	Address	City	ZIP Code
10202431	American Refrigeration Supplies, Inc.	2703 5th St Ste 7	Sacramento	95818

Page 1 of 1 10 items per page 1 - 1 of 1 items

Map showing Sacramento, CA location.



Background

- 2019 HMBP Area Plan and EEIs cross-walked against ChemResponder
 - ChemResponder could be used
- 2020 CalEPA, CalOES, and CUPA Forum look at ChemResponder (AdHoc Workgroup)
 - Decide to move forward with Pilot Project

CCR Title 19 Section	SubSection	In ChemResponder
ARTICLE 3		
Section 2640– Proposed Area Plan		
Description of Requirements	2640(a)	Yes - Last update system info
Provisions for HMBP integration	2640(b)	Yes - Auto load from CERS
Element Information Form	2640(d)	Not necessary?
Section 2642– Emergency Response Procedures		
Approach, Recognition, and Evacuation	2642(a)	No - In ERGs & Local EOP
Personnel Monitoring and Decontamination	2642(b)	No - In Local EOP
Equipment Monitoring and Decontamination	2642(b)	Yes - Equipment
Section 2643 – Pre-Emergency Planning		
Pre-incident Site Surveys	2643(a)	Yes - Chem Inventory & Site Map
Planning and Coordination	2643(b)	Yes - Part of system structure
Emergency Funding Access		2643(c) & (d)
Disposal Facility Access	2643(e)	No - In Local EOP
Emergency Response Contractor Access	2643(e)	No - In Local EOP
Integrated Response Management System	2643(f)	Yes - Part of system structure
Section 2644 – Notification and Coordination		
Notification and Coordination	2644(a)	Yes - Teams, Alerts, Local EOP
Emergency Communications Alternatives	2644(b)	No - In Local EOP
Responsibility Matrix	2644(c)	Yes - Organization Info. Also statewide ICS.
Cal OES Monthly Incidents Summary	2644(d)	Not used?
Section 2645 – Training		
Emergency Response Personnel		



Background

- 2020 ESF-10 Local WG Formed
- Meets Oct 2020 to May 2022
- ESF-10 Local WG is mainly administrative (not first responders)

Members

John Elkins, Chair
Fred Chun
John Paine
Chuck Tobias
Jack Fry
Jack Harrah
Pete Jensen
Royce Long
Mario Tresieras
Jag Sahota
Gary Cantwell
Greg Bazley
Brad Long

Emergency Operations and Refinery Safety Manager
City of Santa Clara CUPA Manager, CUPA Forum Chair
CalEPA Unified Program Manager
Assistant Chief CalOES Fire Hazmat Inland Region IV
Assistant Chief CalOES Fire Hazmat Southern Region VI
CalOES Hazmat (CalARP, HMBP, & Area Plan)
Bat. Chief, Venture FD, Firescope Hazmat Specialist Gp
City of Los Angeles CUPA Manager
Los Angeles County CUPA
Solano County CUPA Manager, CCDEH Representative
CalCUPA ER TAG & Yuba County Hazmat Team
US EPA Region 9
San Diego County Hazmat

Pilot CUPAs

Clark Pickell
Matt Kaufmann
Chief Jason Rizzi
Sande Pence
Eric Scott

Yuba County CUPA
Contra Costa County CUPA
City of Roseville CUPA
San Diego County CUPA
City of Santa Fe Springs CUPA (Joined in 2021)

Federal Agencies

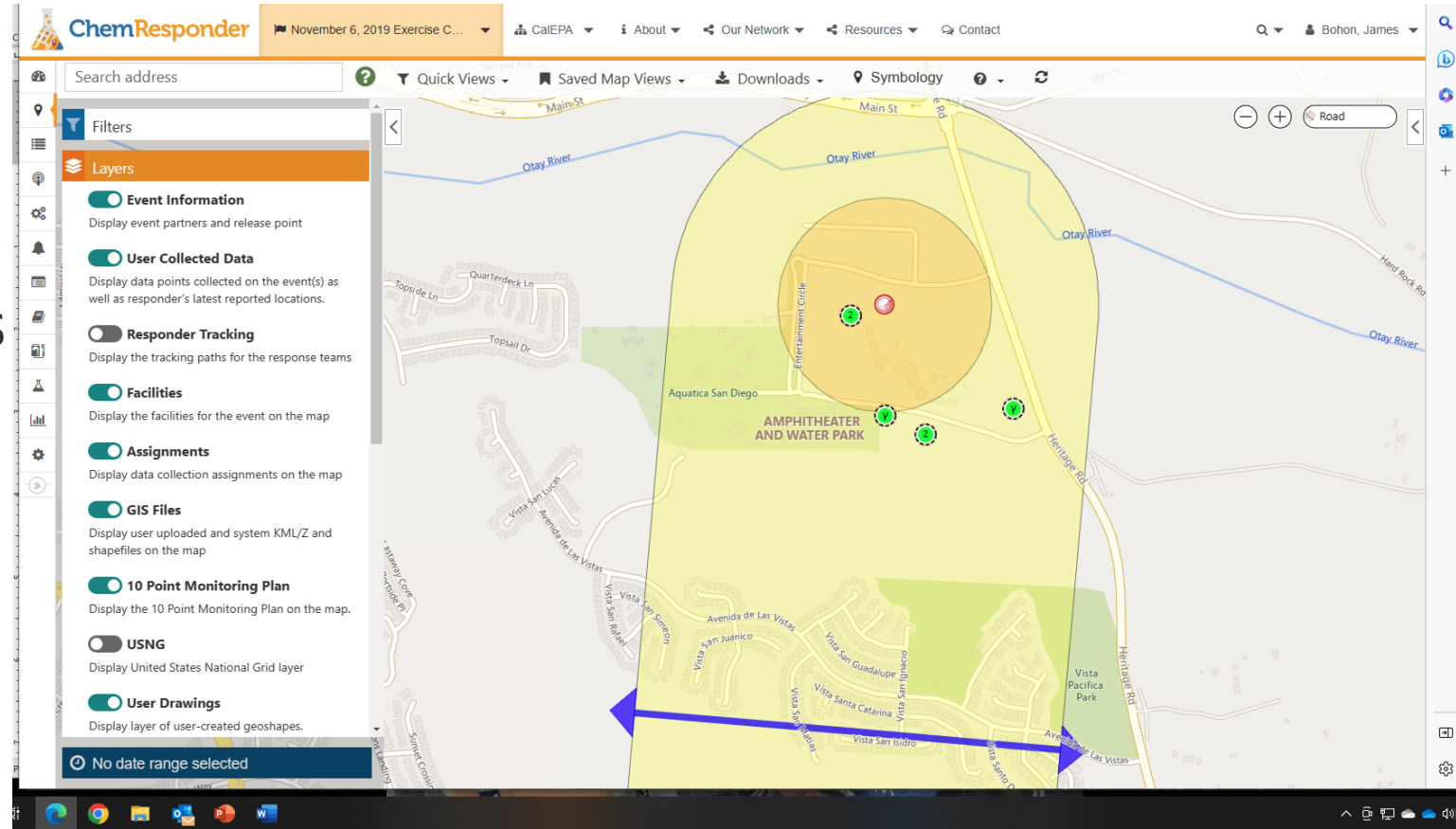
Terrance Allen
Megan Callan

FEMA
Chainbridge



Purpose of Pilot

- Ground truthing use of ChemResponder
- Standardized implementation guidelines
- Standardized training guidelines



Activities

- Facility & Hazmat data loaded for 5 CUPAs
 - Limited to CalARP and APSA facilities
- CUPAs loaded equipment and staff information into ChemResponder
- CUPAs used ChemResponder in some federal and local exercises
- Some CUPAs used ChemResponder as an event management tool
- Monthly meeting included updates, identifying issues, proposing changes, receiving training on ChemResponder



Outcomes

- ESF-10 Local WG made recommendations to FEMA and Chainbridge
 - Tools bulk uploading process
 - Training topics
 - Chemical inventory display
 - Others

The screenshot displays the ChemResponder web application interface. The top navigation bar includes the ChemResponder logo, the date "November 6, 2019 Exercise C...", the user "CalEPA", and links for "About", "Our Network", "Resources", and "Contact". The user name "Bohon, James" is visible in the top right corner. The left sidebar contains a navigation menu with categories: Equipment, Equipment Templates, Simulation Equipment, Fixed Monitoring, Facilities, Standing Teams, Set Templates, Mixture Templates, Alert Definitions, Thresholds, Assessment Delegates, Assessment Policies, and Documents. The main content area is a table listing equipment items with columns for ID, Name, Manufacturer, Model, Serial Number, Status, and various equipment types. The table contains 15 rows of data.

ID	Name	Manufacturer	Model	Serial Number	Status	Equipment Types
32790	FLIR	IdentIFINDER	R400	910385-1463	Ready	Meter, Probe, Scintillator, Sodium Iodide
32792	Ludlum		9	245096	Ready	Built-Window Survey Meter, Meter, Probe
32793	Ludlum		9	245091	Ready	Built-Window Survey Meter, Meter, Probe
32794	Sensor Technology Engineering, Inc.	Radiation Pager		22779	Ready	Meter, PRD
32795	Sensor Technology Engineering, Inc.	Radiation Pager		22780	Ready	Meter, PRD
32796	Sensor Technology Engineering, Inc.	Radiation Pager		22781	Ready	Meter, PRD
32797	Sensor Technology Engineering, Inc.	Radiation Pager		22783	Ready	Meter, PRD
32798	Ludlum	2241-2		150648	Ready	Meter, Survey Meter
32799	Ludlum	2241-2		150572	Ready	Meter, Survey Meter
32800	Ludlum	2241-2		192537	Ready	Meter, Survey Meter
32801	Ludlum	2241-2		150622	Ready	Meter, Survey Meter
32802	SAIC	PD-3i-s		CH5615	Ready	Meter, PRD
32803	SAIC	PD-3i-s		CH5618	Ready	Meter, PRD
32804	SAIC	PD-3i-s		CH5635	Ready	Meter, PRD
32805	Canberra	MRAD113		03073229	Ready	Meter, PRD
32806	SAIC	PD-3i-s		CH5624	Ready	Meter, PRD
32807	SAIC	PD-3i-s		CH10739	Ready	Meter, PRD



Outcomes: WG Developed Some Guides

- Implementation Benchmarks
 - Discuss the benchmarks
- Implementation Training Guidelines
 - Administrative Training guides
 - Responder Training guides

ChemResponder Training Library

- Over 100 Videos
- Over 40 Documents

CBRNResponder General Training Outline:

Administrative

Each item has document and video resources like item 1

1. Introduction to ChemResponder
 - a) ChemResponder New User Webinar for Website and Mobile Application (YouTube Video, Reference 123)
 - b) First Time User Website Basics (Resource Video Reference 302)
 - c) Getting Started with CBRNResponder (YouTube Video, Reference 180)
 - d) Introduction to CBRNResponder Mobile App (Resource Video Reference (307)
2. Creating an Event
3. Roles and Permissions
4. Organizations
5. Managing Partnerships
6. Managing Personnel
7. Managing Equipment
8. Chemical SITREPs and HAZMAT Incident Database
9. Facility Management
10. Mobile App Data Collection
11. Lessons Learned

Next Steps

- Adoption of electronic CUPA Area Plan using ChemResponder
 - Optional for CUPAs
 - Three-year process aligned with CUPA Evaluations
- Cross-walking the CUPA Forum DEAP with ChemResponder
 - ID parts of DEAP to be integrated into electronic Area Plan
- Integration into CERS NextGen implementation
 - Transition of access to CERS ER Tab to access through ChemResponder



**Please Hold Questions
until after the
ChemResponder Presentation**

