

# 2018 EPA Hurricane Responses

- USVI (STX/STT/STJ)
- Puerto Rico
- R9 Wildfires in CA



# N-IMAT Hurricane Harvey Response

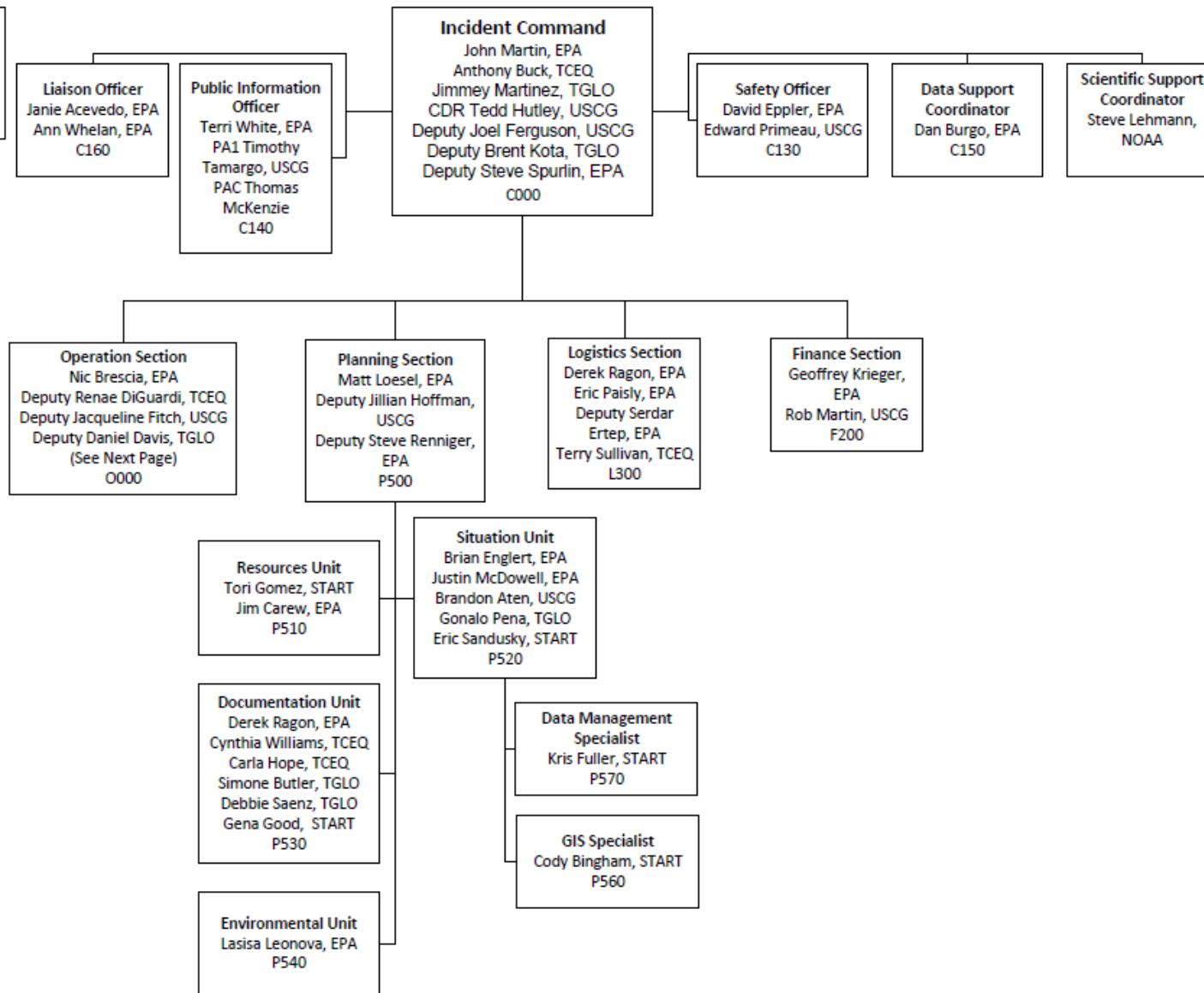
- Deployment to Corpus Christi (August 27, 2017)
- Tasks:
  - Establish ICS Structure
  - Generate IAP
  - Establish Documentation System
  - Establish Data Management Unit
  - Establish Liaison Relations with Stakeholder local/State Agencies
  - Develop PIO Strategy
  - Augment/Transition to Regional IMT



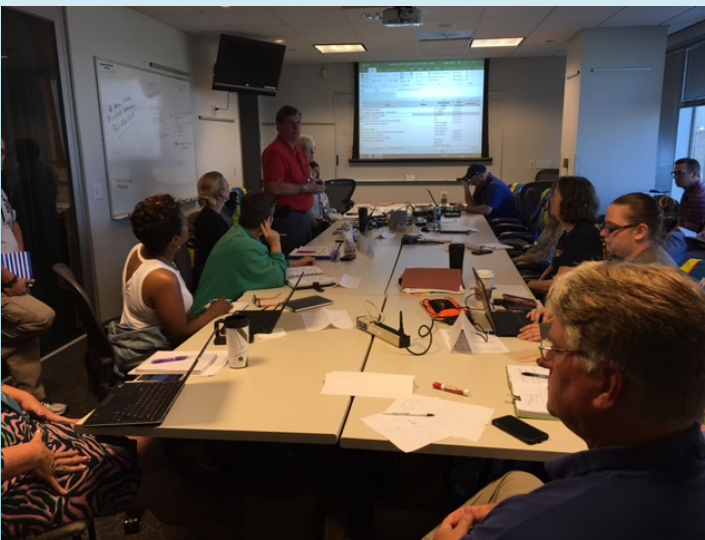
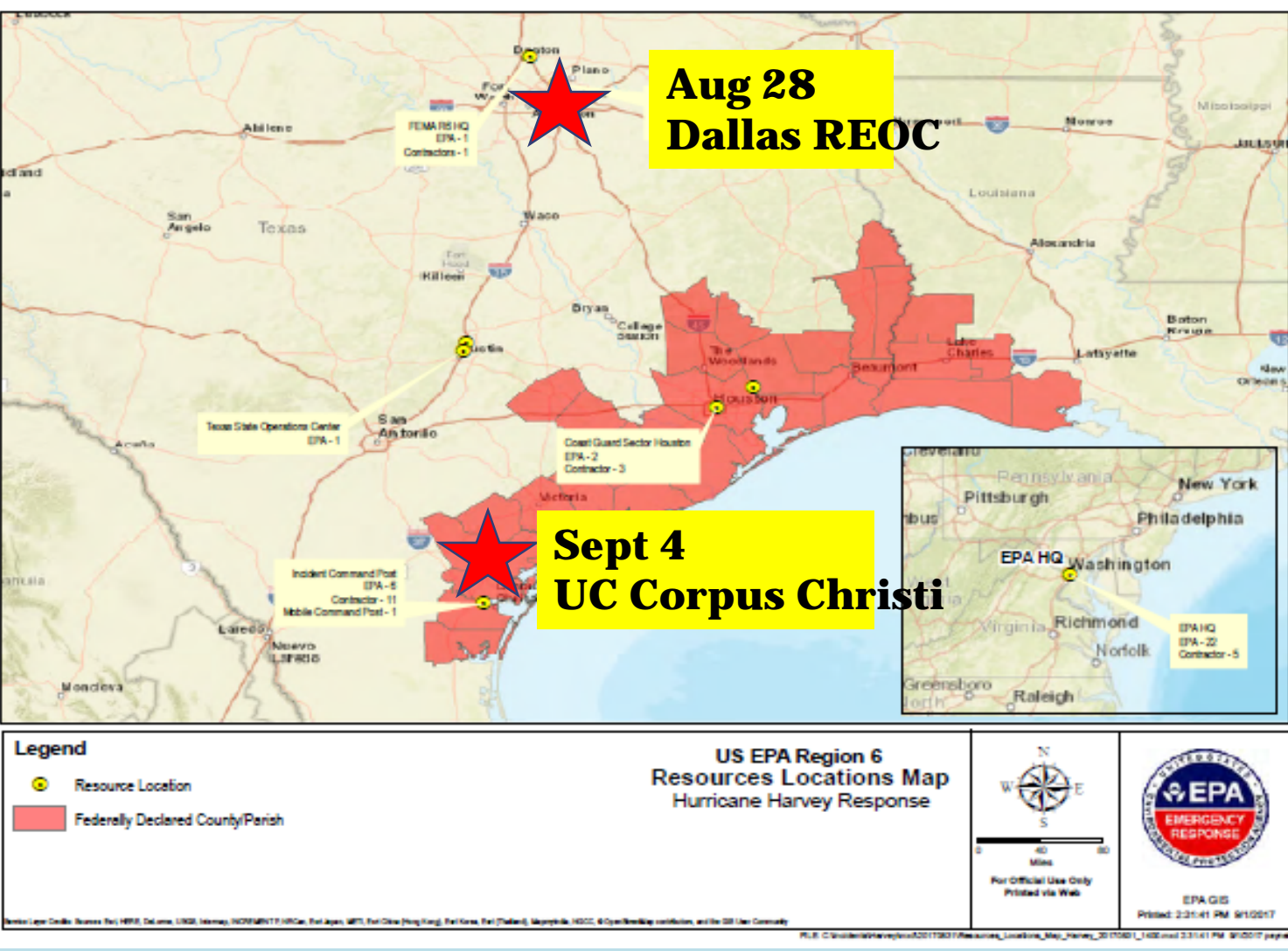
**United States Coast Guard**  
U.S. Department of Homeland Security



**Incident Name:**  
Hurricane Harvey – ESF 10 Texas  
**Operational Period:** 09/06/17 to 09/07/17  
**Prepared by:** Tori Gomez  
**Date:** 09/05/17  
**Time:** 1935



## Hurricane Harvey Response Incident Management Team





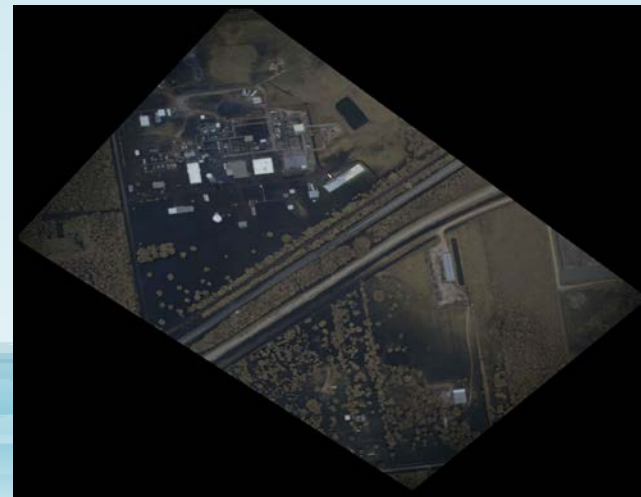
# Arkema Facility-ENVL & IMAAC Support



ENVL coordination with IMAAC



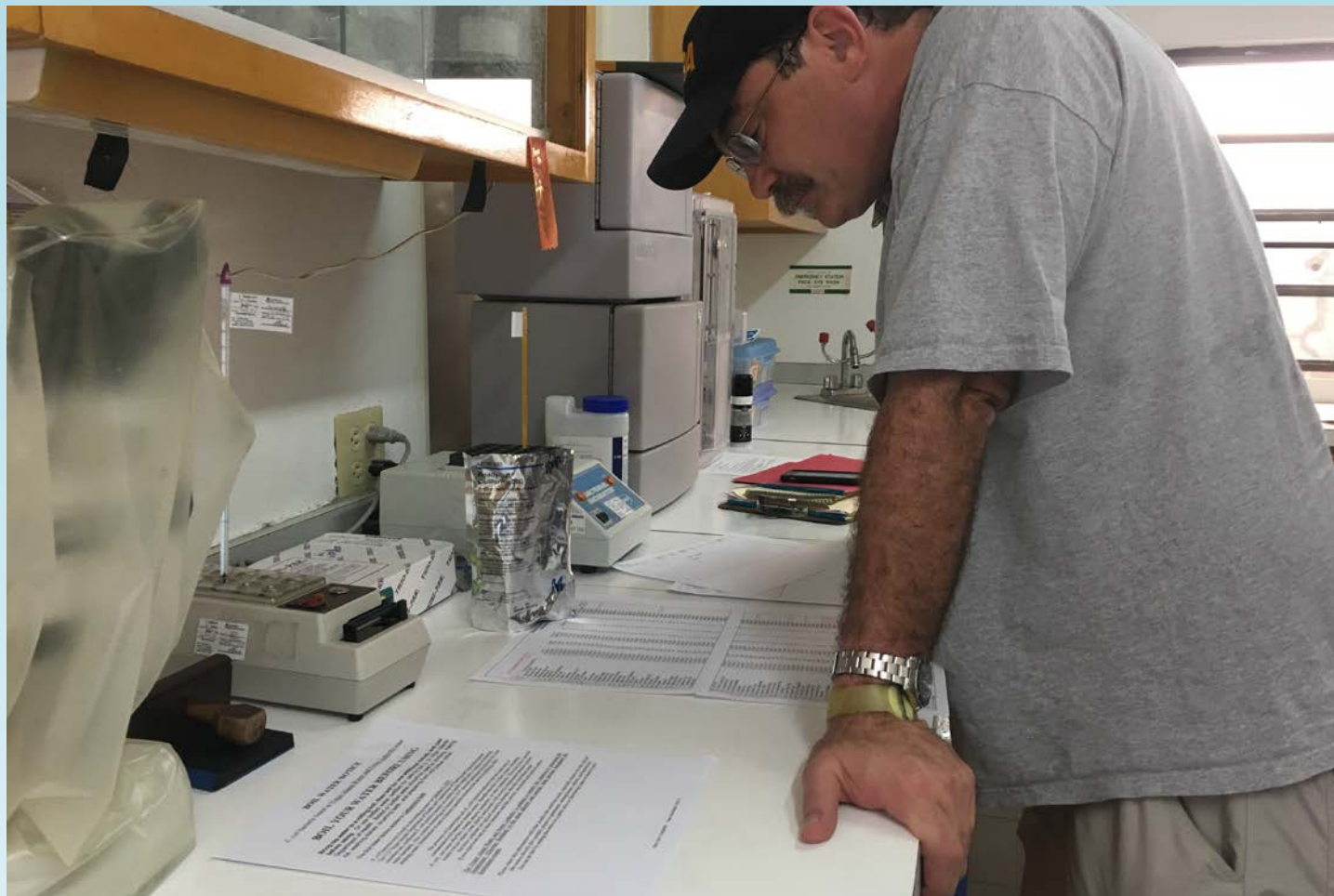
Arkema Facility, Crosby, TX: Exothermic Reaction



EPA ASPECT air monitoring

# STT/STJ/STX & PR EPA Field ICS Structure:

- STT/STJ
  - IC
  - DIC
  - LNO
  - Group Leads
    - Drinking Water
    - Med Waste
    - Vessel Ops
    - HHW
  - Logs
  - Sit
  - Safety
  - CICs
- STX
  - IC
  - JFO
  - Group Leads
    - Drinking Water
    - Med Waste
    - Vessel Ops
    - Debris/Waste
  - Logs
  - Sit
  - Safety
  - CICs
- Puerto Rico



## WHAT WE DID: Water Sampling





WHAT WE DID:  
ACI Prep/Air  
Monitoring





# WHAT WE DID: Safety Meetings

Prior to HHW, Med Waste and Vessel  
Ops



## WHAT WE DID: School Mold Assessments





WHAT WE DID:  
e-Waste  
Collection and  
Disposal



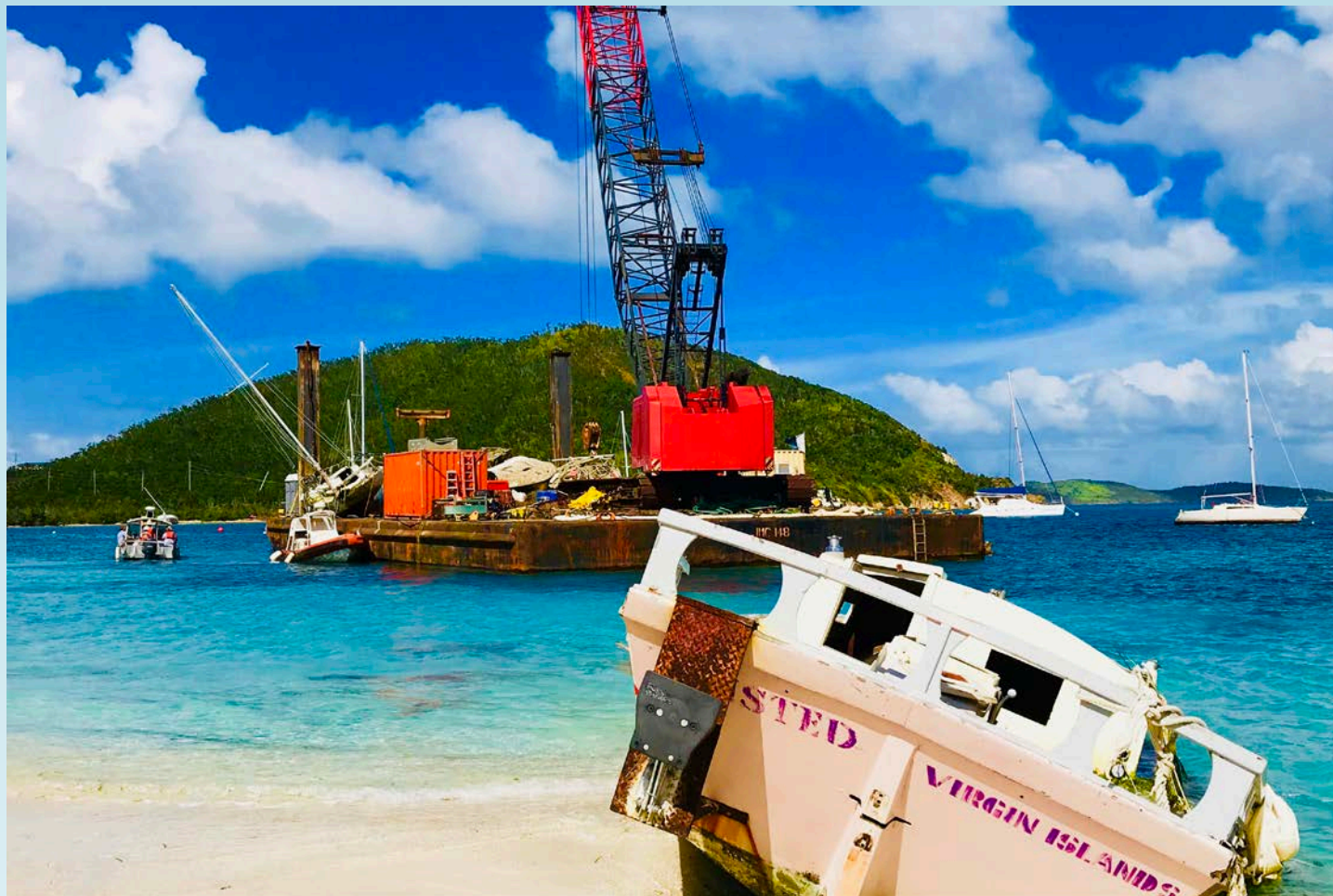


## WHAT WE DID: HHW Collection and Disposal



WHAT WE DID:  
Battery  
Recycling



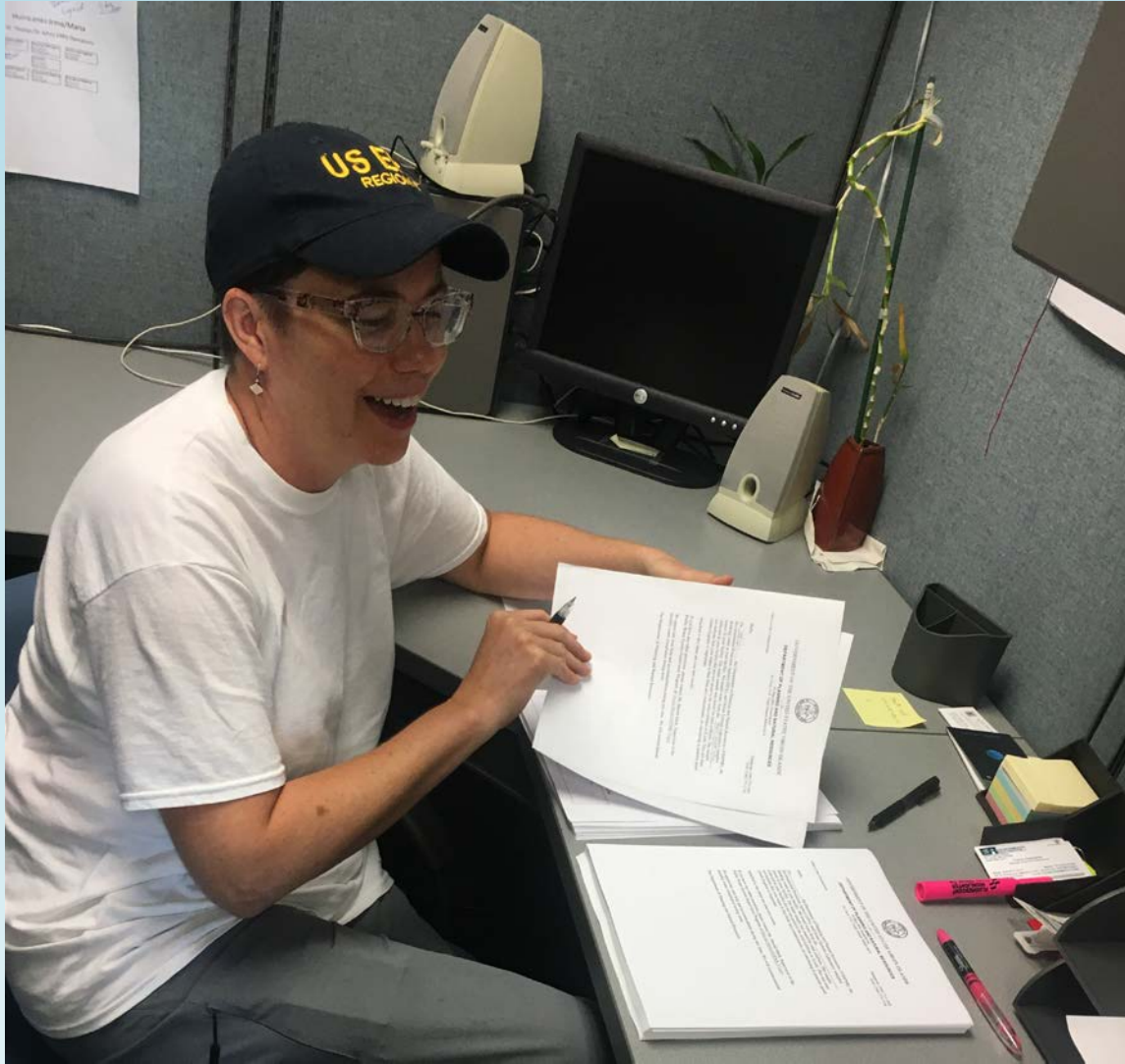


WHAT WE DID:  
Vessel OPS  
(including EPA  
START for  
USCG Ops)





WHAT WE DID:  
Vessel OPS-Oil  
Recovery



## WHAT WE DID: Community Involvement





WHAT WE DID:  
PSAs



# RECOVERY METRICS

## Puerto Rico

HHW Counts	Total To Date
Containers (under 55 gallon)	120,707
55 gallon drums or larger	395
Tanks	132
Propane Tanks	5,416
Cylinders	1,222
e-Waste	127,701
Batteries	30,931
Freon Extracted	418
<b>Totals</b>	<b>286,527</b>

## USVI (STX, STT and STJ)

HHW Counts	Total To Date
Containers (under 55 gallon)	79,009
55 gallon drums or larger	274
Tanks	3,944
Propane Tanks	1,552
Cylinders	2,057
e-Waste	43,280
Batteries	15,085
Freon Extracted	374
<b>Totals</b>	<b>145,575</b>

# N-IMAT R9 Wildfire Response

- Deployment to Napa/Sonoma Counties (October 2017)
- Tasks:
  - Survey and collection of HHW from 300 residential parcels/day.
  - Keep public and stakeholders informed of response efforts
  - Complete Residential HHW survey/collection in Napa County by 11/22/17
  - Complete Residential HHW survey/collection in Sonoma County by 11/28/17
  - Complete commercial/industrial and public properties by 1/18/18
  - Ensure smooth transition to Regional personnel throughout operational period.

**Initial Conditions –  
October 2017**





# Sonoma County Operations





# Sonoma County Operations





# Sonoma County Operations





# Sonoma County Operations





# Napa County Operations





# Napa County Operations

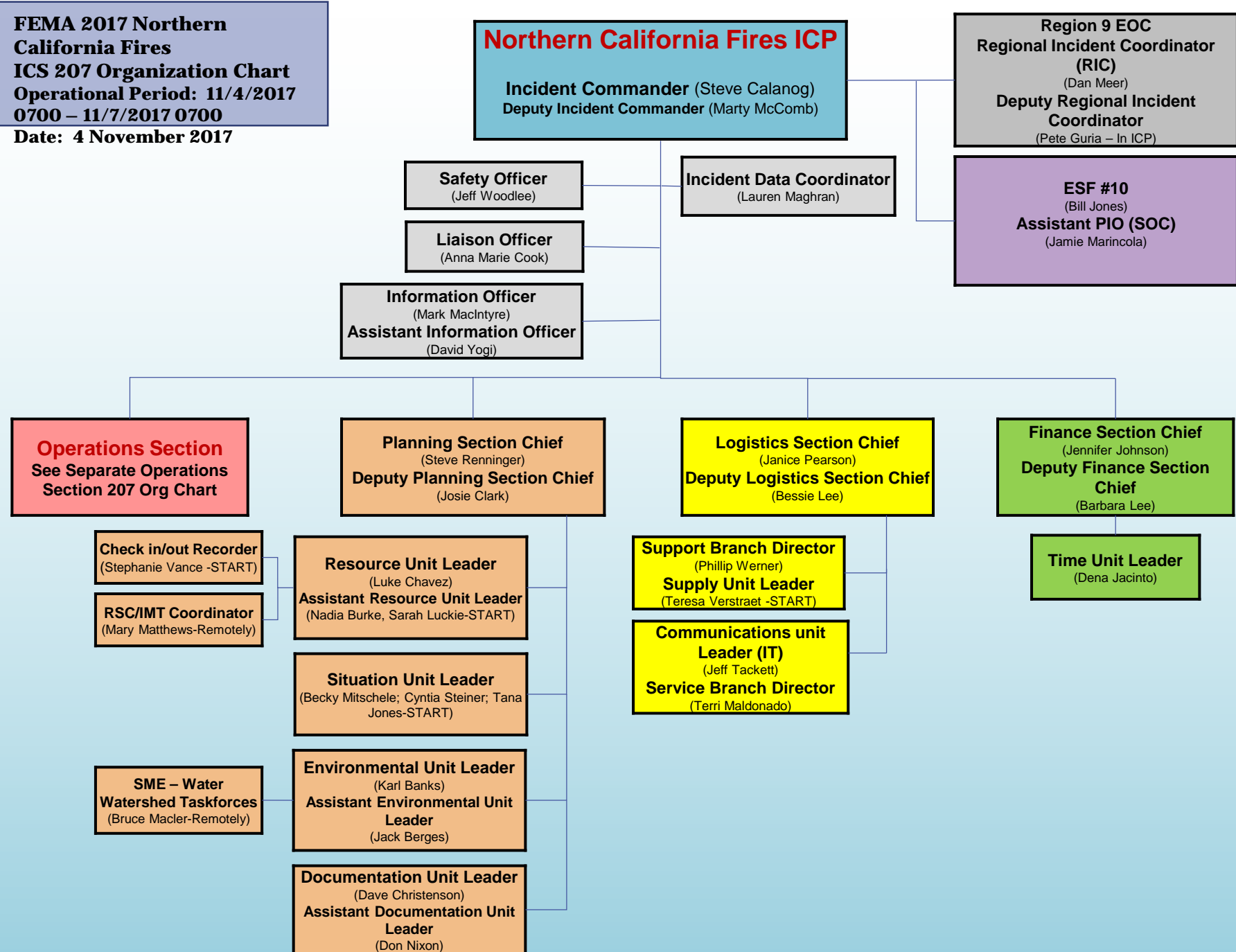




# Napa County Operations



**FEMA 2017 Northern  
California Fires  
ICS 207 Organization Chart  
Operational Period: 11/4/2017  
0700 – 11/7/2017 0700  
Date: 4 November 2017**



FEMA 2017 Northern California Fires

ICS 207 Organization Chart

Operational Period: 11/04/2017 0700 –

11/07/2017 0700

Date: 03 November 2017

Operations Section

Ops Section Chief (Michelle Rogow)  
Deputy Ops Section Chief (Eric Nold)

Data Team  
(James Lopez-Baird)

Tire Fire Task Force  
(Craig Benson)

Sonoma County

Branch Director (Tom Dunkelman)  
Deputy Branch Director (Rob Wise)

Napa County

Branch Director (Craig Myers)  
Deputy Branch Director (Ken Rhame)

Asst Safety Officer  
(Lyndsey Nguyen)  
Deputy Asst Safety Officer  
(Requested)

Community Liaison Lead  
(Libby Faulk)

Situation Unit – Sonoma  
(Joe Terriquez)

Community Liaison Lead  
(Kay Morrison)

Asst Safety Officer  
(Henry Gerard)  
Deputy Asst Safety Officer  
(Requested)

Situation Unit – Napa  
(Melinda Luetke)

High Density Residential (Coffey Park)  
Div Supv (Fred Stroud)

Low Density Residential  
Div Supv (Jeff Fowlow)

Commercial  
Div Supv (Eric Vanderboom)

Special Missions Group  
(Eric Nuchims)

High Density Residential  
Div Supv (Jeremy Johnstone)

Medium Density  
Div Supv (Ken Rhame)

Low Density  
Div Supv (Tu Nguyen)

Strike Team1  
(Everett Pringle)

Strike Team 6  
(Gary Riley)

Strike Team 9  
(Andrew Sallach)

High Hazard Task Force 1  
(Francisco Cruz)

High Hazard Task Force 1  
(Donn Zuroski)

Strike Team 2  
(Andy Bain)

Strike Team 7  
(Kathleen Aisling)

Strike Team 10  
(Richard Francis)

High Hazard Task Force 2  
(Dave Mickunas)

Special Projects Tech Spec  
(Greg Powell)

Strike Team 3  
(Amanda Pease)

Strike Team 8

Strike Team 11  
(Rick Sakow)

High Hazard Task Force 3

Air Surveillance Task Force

Asbestos Task Force  
(Eric Nuchims)

Air Surveillance Task Force  
(TBD)

Asbestos Task Force  
(Donn Zuroski)