# DTSC PHASE 1 OPERATIONS DISASTER RESPONSE

Presented By

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL

EMERGENCY RESPONSE PROGRAM

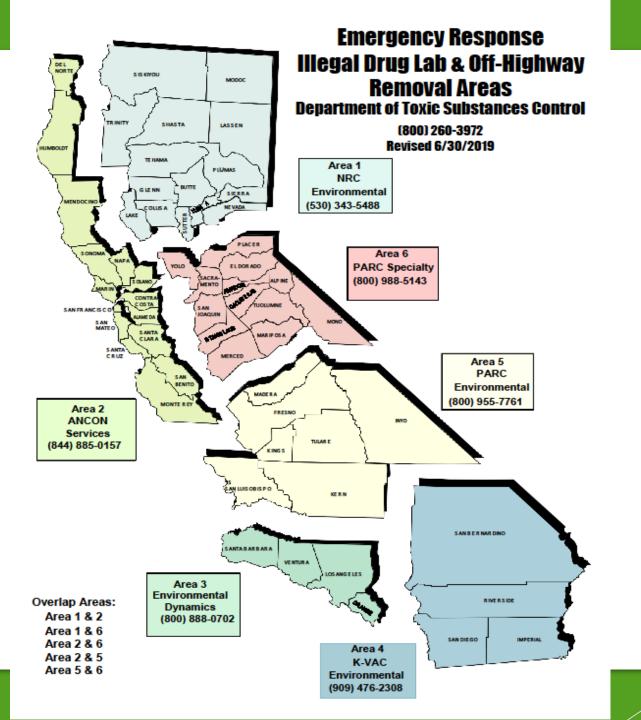
MAY 27, 2022

## Requesting DTSC Assistance

- Local Agency requests DTSC assistance via Local OES Office
- ► Local OES makes a request to Cal OES for DTSC assistance
- Cal OES issues Mission Assignment to DTSC for Phase 1 Operations- Assess and remove Household Hazardous Waste and asbestos from structures on residential, commercial, and public properties in some cases that includes schools
- State Disaster Declarations typically trigger DTSC involvement for wildfires, floods, earthquakes, etc..
- ► Federal Declaration allows for requesting US EPA Assistance

# DTSC Emergency Response Involvement

- Pre-Planning Activities Include:
  - ► Contractor Coordination;
  - Organize Internal Resources DTSC Staff;
  - Coordinate with External Agencies;
    - ► Local Agencies Identify Staging Areas, Public Health Declarations, Personnel Resources
    - ► OES Weekly and/or Daily Coordination calls
    - ► US EPA If Federal Declaration is declared possibly request US EPA assistance for Phase 1 Operations



## DTSC Disaster Responses

- ► San Bruno Gas Pipeline Explosion 2010
- Escondido Bomb House 2010
- Sonoma County Floods 2019
- ▶ 2017 -2021 DTSC conducted Phase 1 Operations on 55 Wildfires statewide
- ► Between 2020 2021 DTSC responded to 37 of the 55 Wildfires
- ► Dixie and Caldor Fires (2021) Both fires started on western slope of Sierra and spread to the eastside

# Household Hazardous Waste (HHW) and Asbestos

- What is HHW? Batteries, Waste Oil, Misc. Fuels, Compressed Gas Cylinders, Bulk Pesticides, Fertilizers, Paints, Thinners and Aerosol Cans
- Asbestos Can Include the Following -Transite Siding, Transite Pipe, Transite Roofing, and Floor Tiles

# Phase 1 Assessments/Removals Protocols

- ► Identify any potential hazardous i.e. hazard trees, chimneys, septic tanks, etc.
- ► HazMat Crews scan debris pile w/ Rad Meter & Multi-Gas Meter
- Certified Asbestos Consultant identifies any easily removable pieces of asbestos
- Asbestos Removal Contractors enter debris pile and remove previously identified asbestos
- HazMat Crews enter debris pile and remove household hazardous waste

### Historical Process

- Excel sheets and print assessor's maps
- Manually navigate through neighborhoods and rural areas looking for parcels
- ER staff would fill out paper form detailing HHW found and removed
- Every night, field staff would compile all of this information, and then send excel updates to CalOES, FEMA, CalRecycle, and Counties
- > Public had no knowledge of status

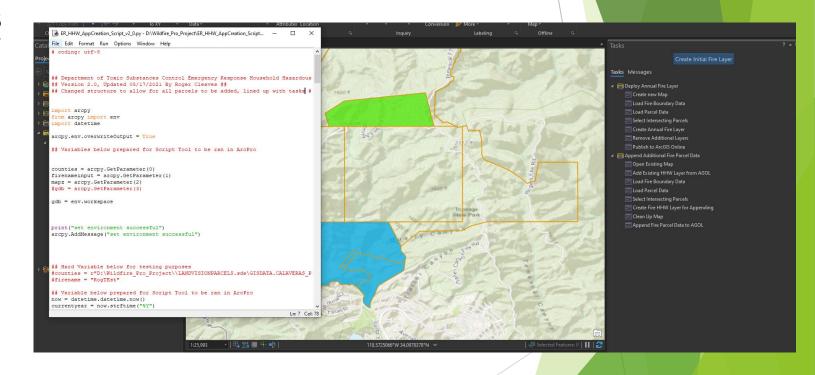
#### MCCOURTNEY & LOBO FIRE (NEVADA COUNTY) FIELD CHECK LIST HHW ASSESSMENT

ASBESTOS:  Is there potentially ASBESTOS containing materials.  PUBLIC CONTACT:  Was there any with the PUBLIC at this address?  EMPTY CONTAINERS:  Were EMPTY CONTAINERS identified and marked with WHITE PAINT (X)?  # SIZE CONTRS  GAL/LB)  13 55 gallon  Antifreeze  Batteries  Paint  Propane cylinders  Pesticides/Fertilizers  Pool or Cleaning Chemicals  Gasoline  Diesel  Other:  1 265  Pallon  Solvest  Types of Asbestos (transite)	DATE 10/	9/2017		
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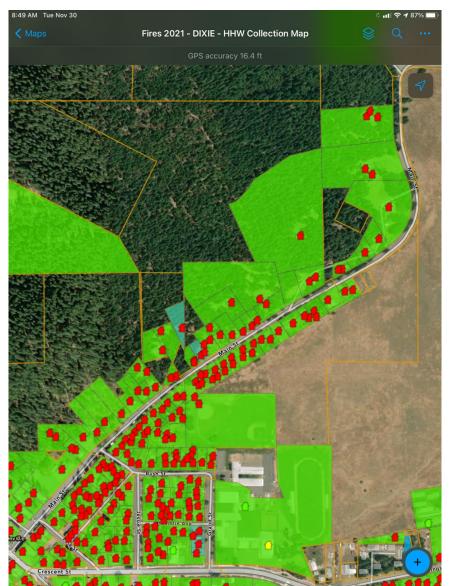
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### **ER Field Data Collection**

- Utilized ESRI ArcGIS Field Maps (formerly Collector and Survey 123 Apps for data collection
- ArcGIS Online (SAAS) used as data infrastructure
- Scripts, Tasks and Deployment Documents created to allow team to quickly deploy new app-set based on new mission assignments
- Annual meeting to discuss lessons learned and changes needed



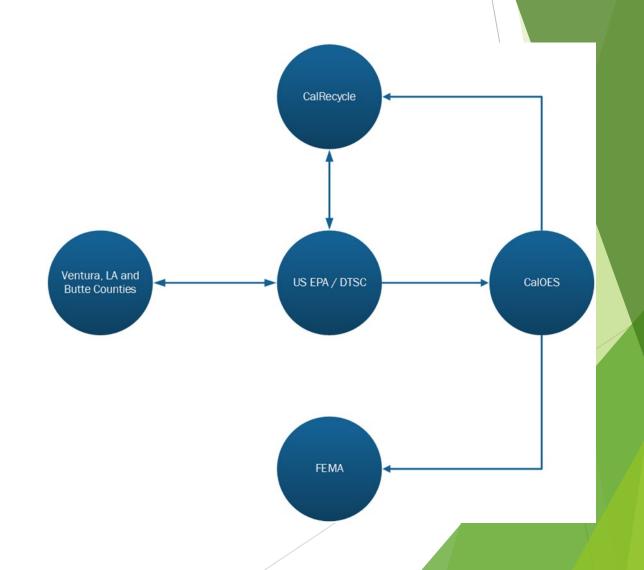
Data Collection App



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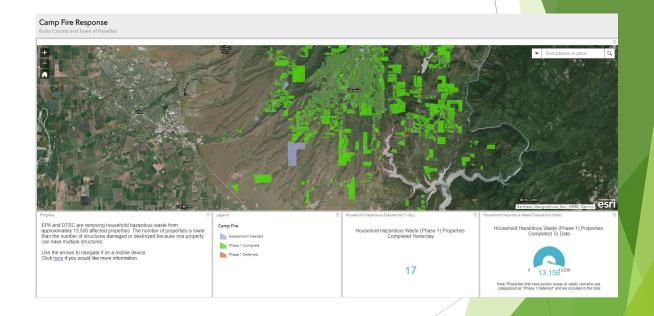
### **ER Field Data Collection**

- Instant communication of progress
- Data synced with Local Requesting Agencies, OES, and CalRecycle giving a clear picture on status of response
- Allowed planning staff to coordinate next day's assignments, and allowed field staff to see progress and possible hazards other teams may have discovered in area



## Informing the Public

- Dashboards were made available to public showing current status of removal operations
- Information included assessment status, date of assessment, and daily and total counts of assessments
- Data updated in real-time































































### Status of Current Phase 1 Operations

- ► DTSC initiated Phase 1 Operations on the Tamarack Fire on 8/8/2021 First Operation of 2021 Wildfire Season
- ► To date, ER has responded to 16 wildfires statewide and assessed and removed HHW and bulk asbestos from 2,400+ properties
- Phase 1 Operations have been completed on all 16 wildfires
- ► ER continues to support Cal Recycle during Phase 2 Debris Removal Operations if add'l HHW is discovered

### Phase 1 Operations - Continued

- "Milk Run" Operations ongoing in support of Phase2 Operations
- Mercury Cleanups currently being conducted in Mendocino, El Dorado, and Plumas Counties
- Mercury Cleanups were conducted in Lake and Trinity Counties

## QUESTIONS??