



Drinking Water Program

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Emergency Preparedness & Response

Drinking Water Program Preparedness: Internal Activities

- ▶ Development of Policies, Plans, Procedures
- ▶ Training and Exercising Staff
- ▶ Duty Officer Program
- ▶ Health and Safety training
- ▶ SEMS/NIMS/ICS training
- ▶ Employee Emergency Information Number

Drinking Water Program Preparedness: External Activities

- ▶ Technical Assistance on Water System Emergency Response Plan (ERP)
- ▶ Technical Assistance on the Crisis and Emergency Risk Communication (CERC) Toolkit.
- ▶ Technical Assistance on Table-top Exercise and Design.
- ▶ Exercises including Golden Guardian, local exercises, Statewide Medical and Health Exercises, Great California ShakeOut.



Drinking Water Program Preparedness: External Activities

- ▶ Water Sector Specific Position training with the California Specialized Training Institute (CSTI).
- ▶ Coordination with CalOES.
- ▶ Connectivity and information sharing with locals
- ▶ Public Water System Boundary Project with Ehib
- ▶ Consortium of Technical Responders

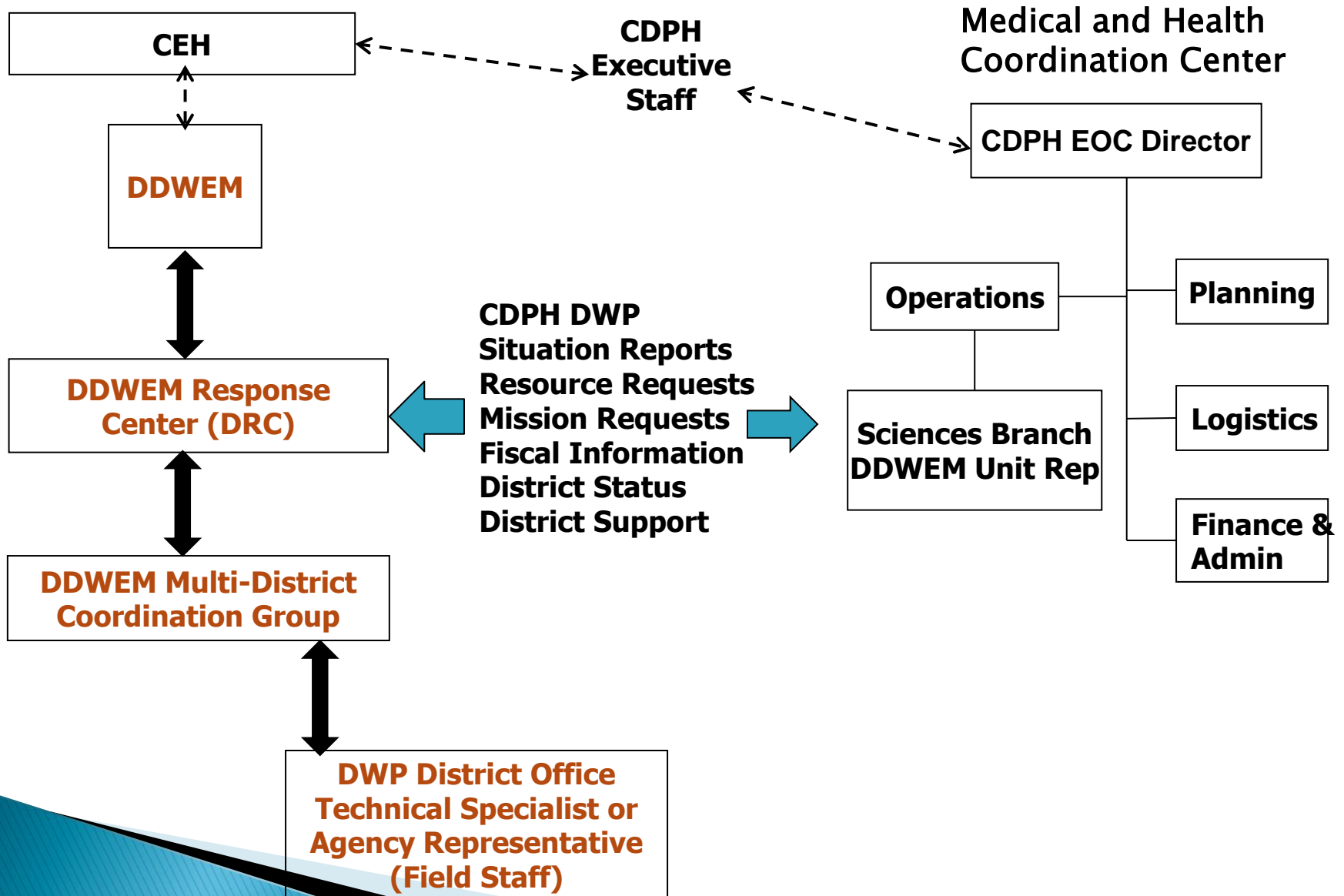
Drinking Water Program Response: Existing Organization

- ▶ Dedicated Staffing
- ▶ Funding – CDC, SRF set asides, USEPA Grant.
- ▶ 23 District offices statewide with each District Engineer exercising discretion and authority.
- ▶ Organized to ensure coordinated response and information sharing

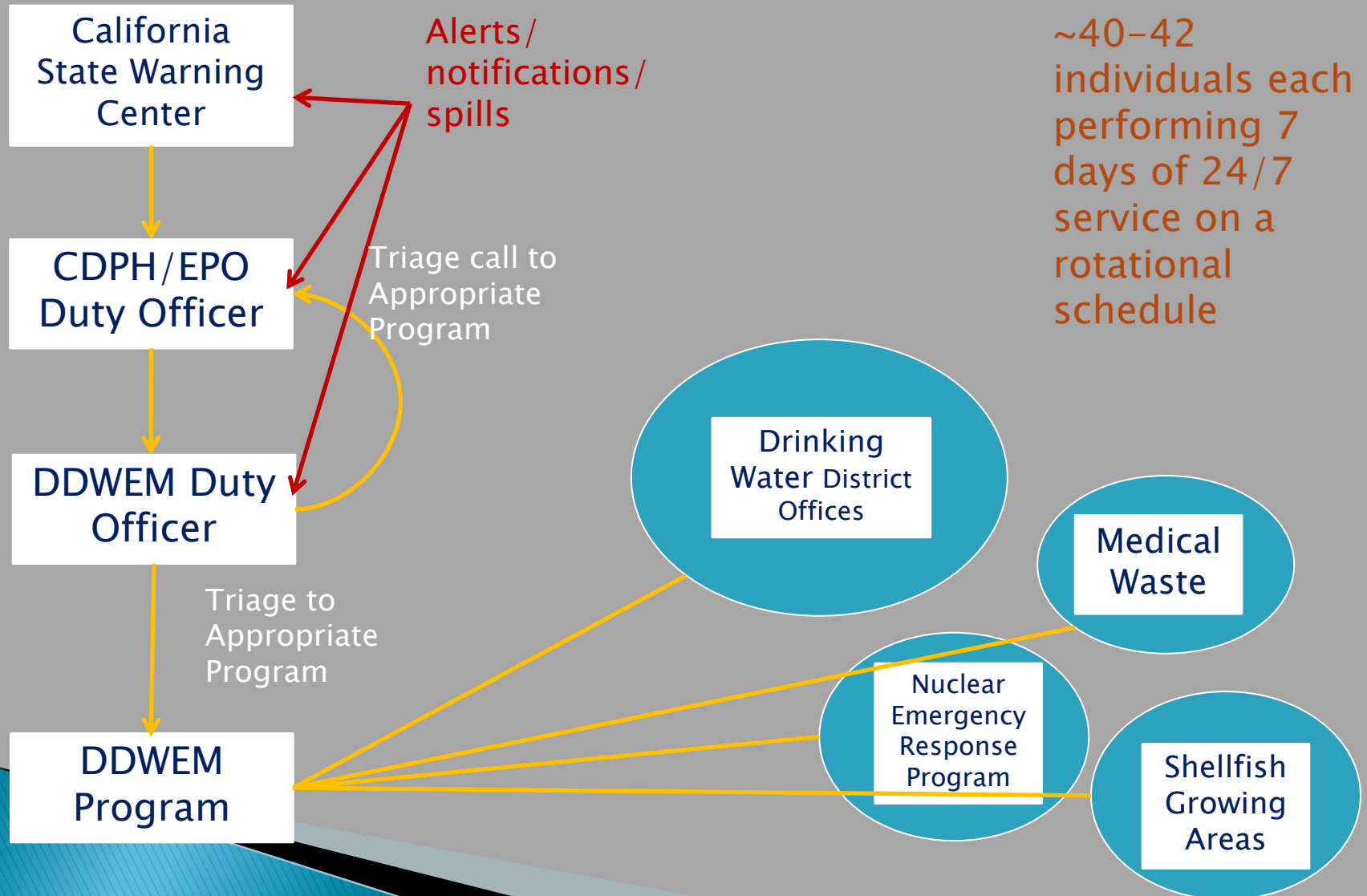
Drinking Water Program Response: Existing Organization

- ▶ Notification managed via DDWEM Duty Officer program
- ▶ Division Response Center (DRC) – to manage resources (information, personnel, equipment).
- ▶ Designed to ensure coordination with the Department's Medical Health Coordination Center (MHCC).
- ▶ Incident Management Handbook (IMH) and the CDPH Emergency Operation Response Plan (EORP) to help guide response.

Drinking Water Response Operations and Internal Department Coordination



Drinking Water Program Response: Notification



DDWEM Duty Officer Notification Summary: 2012

- ▶ 979 Responses (out of 1508 incidents)
 - 557 – related to water contamination
 - 194 – related to sewage release
 - 228 – related to other classifications of incidents
- ▶ Average Response Time for DDWEM DO – 4 minutes
- ▶ Note: the total number of incidents from 2011–2012 increased from 1214 to 1508 (24.2% increase).

Drinking Water Program Response: Actions

- ▶ Issue Unsafe Water Alerts
 - Boil Water Notice
 - Do Not Drink Notice
 - Do not Use Notice



- ▶ Perform field inspections and assessments
- ▶ Close coordination with Public Water Systems as well as partners and stakeholders during an incident/emergency

Drinking Water Program Response: Actions

- ▶ Work with CDPH Drinking Water & Radiation Lab for sampling and analysis
- ▶ Emergency Water Quality Sampling Kits (EWQSK) – credible incident, unknown contaminant, nefarious agent, drinking water facility.
- ▶ Issue emergency public notices w/ Public information officers and CDPH Office of Public Affairs –

Drinking Water Program Response: Actions

- ▶ Inspections and permitting – assist public water systems to mitigate crisis.
- ▶ At EOCs – agency representative, subject matter expert, technical reference or specialist, with jurisdictional and statutory authority.
- ▶ Water Quality Emergency Notification Plan (WQENP) – emergency contact information –DWP staff, County, and Public Water System.
- ▶ State and Local Health Officer’s ability to declare public health emergency

2 Routes for Resource Requests for PWS

CDPH Direct Assistance

- Technical Advice - Water Quality Issues
- Assessments/Inspections
- Emergency Water Quality Sampling Kits
- Lab Support
- Additional Technical Support—Other CDPH programs

CDPH Drinking Water Program
(our statutory authority)

Water Utility

State Emergency Operations Center

Regional Emergency Operation Center

Local/Operational Area EOC

Incident Occurs

Resource Requests
SEMS

Supplemental Water supplies
Heavy Equipment
Contractor Support
Etc.

Questions / Discussion

