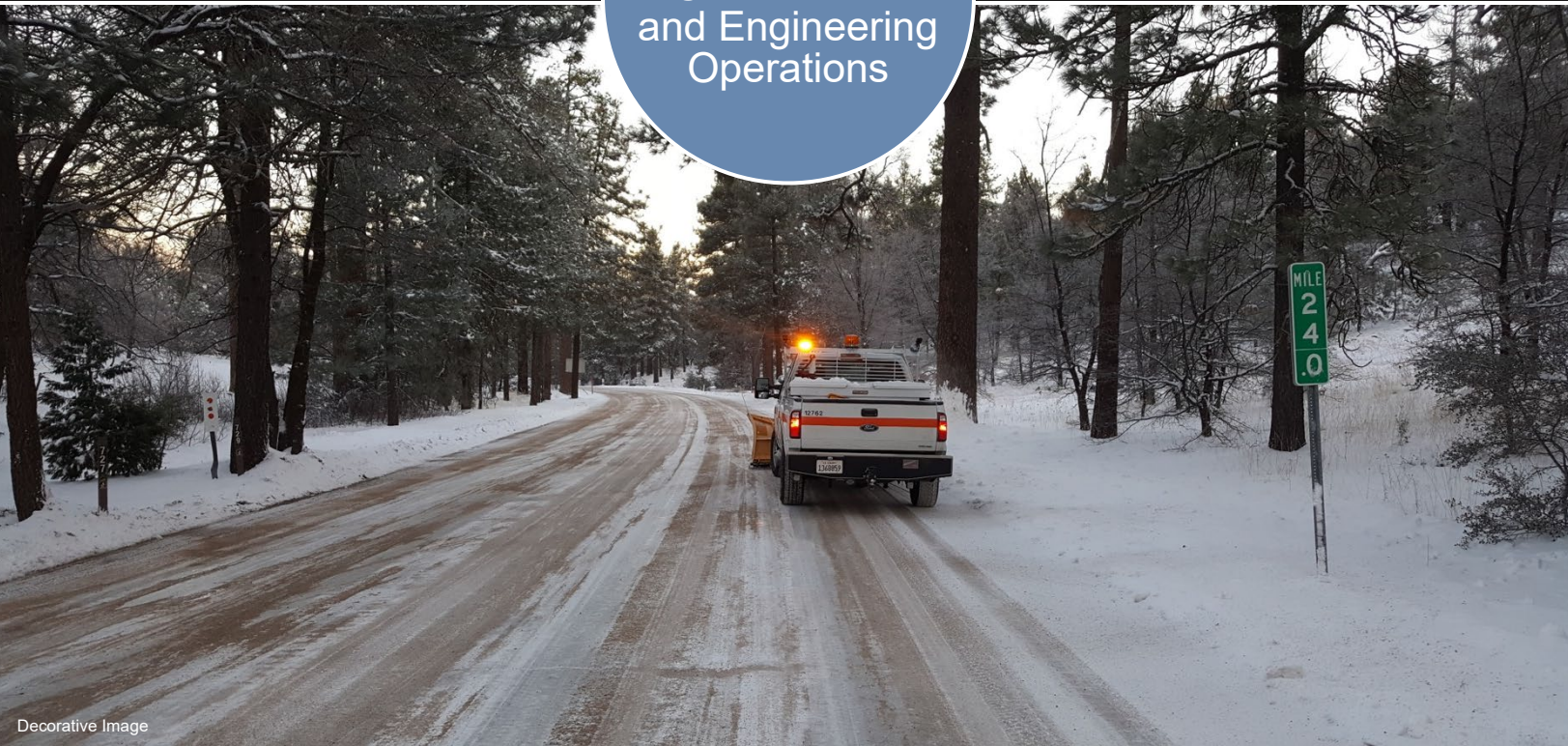


# ANNEX J

## Construction and Engineering Operations



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## Operational Area Emergency Operations Plan SEPTEMBER 2022

Unified San Diego County Emergency Services Organization And County Of San Diego

### ACKNOWLEDGEMENTS

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## EXECUTIVE SUMMARY

This annex describes the management of public works functions and defines the role of public works departments at the County and City levels. Tasks include providing supervision for the repair, modification, and/or construction of emergency facilities and housing, inspecting damaged structures, and restoring, maintaining and operating essential services.

### TABLE OF CONTENTS

General	<a href="#">1</a>
Concept of Operations	<a href="#">3</a>
Organization and Assignment of Responsibilities	<a href="#">4</a>
Direction, Control or Coordination	<a href="#">8</a>
Information Collection and Dissemination	<a href="#">9</a>
Communications	<a href="#">9</a>
Administration, Finance, and Logistics	<a href="#">10</a>
Annex Development and Maintenance	<a href="#">11</a>
Authorities and References	<a href="#">11</a>
Appendix/Attachments	<a href="#">13</a>

## GENERAL

### INTRODUCTION

This Annex describes the construction and engineering operations functions required to reduce hazards, establish control, and restore city, county, special district operations and essential services in the event of an emergency incident.

Construction and Engineering Operations consists of public works and engineering-related support, transportation, and utilities. Activities within the scope of this function include conducting pre- and post-incident assessment of public works and infrastructure; executing emergency contract support for lifesaving and life-sustaining services; providing technical assistance to include engineering expertise, construction management, and contracting and real estate services; and providing emergency repair of damaged infrastructure and critical facilities.

This annex describes the basic concepts in coordinating and organizing local government capabilities and resources to facilitate delivery of services, technical assistance, engineering expertise, construction management, and other support to prevent, prepare for, respond to, and/or recover from an incident of extreme significance. While local agencies have individual construction and engineering responsibilities, Annex J serves as a unifying document in the event of a major disaster.

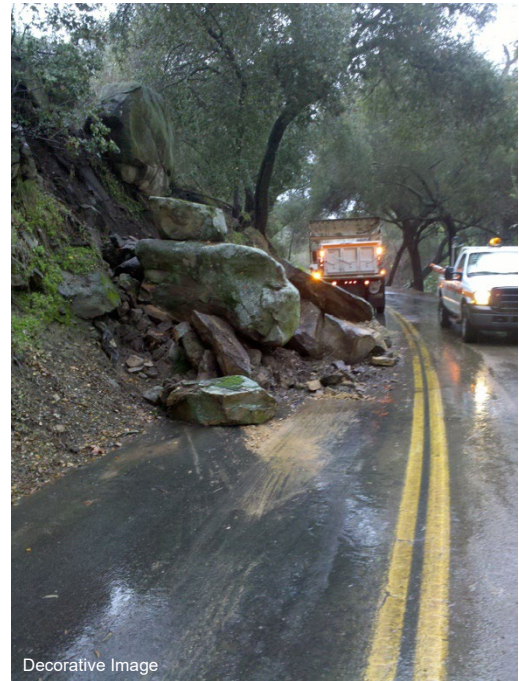
## **PURPOSE**

This annex clarifies the various roles and responsibilities involved in responding to and recovering from an emergency event within the San Diego County Operational Area (OA). Additionally, it outlines the interaction between responding parties, mutual aid provisions, and types of information gathered to aid in the response and recovery effort.

## **SCOPE**

The scope of the Construction and Engineering Operations role is to:

- Complete infrastructure risk and vulnerability assessments.
- Document structure damage and supporting arrangements for stabilization or destruction of immediate hazards to public health and safety.
- Coordinate structural specialist inspections of mass care facilities and urban search and rescue operations.
- Support procurement of emergency commodities and services necessary to save and sustain life, such as potable water, ice, and generators.
- Monitor and support clearance, removal, and disposal of contaminated and uncontaminated debris from public property or in support of clearing roads. This may include waste sampling, classification, packaging, transportation, treatment, demolition, and disposal of contaminated debris and soil.
- Provide emergency repair of damaged infrastructure and critical public facilities. This may include, but is not limited to:
  - Transportation systems – roads, bridges, airports, railway and shipping systems.
  - Environmental systems – waterways, habitats, coastal erosion and landslides.
  - Domestic utilities – water, electrical, natural gas, communications, and sewer systems.
  - Structural systems – foundation, building components and contents.
- Restore critical navigation, flood control, and other water infrastructure systems.



## **PLANNING BASIS**

Pre-planning and preparedness are essential to an effective emergency response and recovery effort. During an emergency, each jurisdiction relies first on its own resources. In the event a jurisdiction or agency is unable to fulfill their needs independently, it may request resources through existing mutual aid or assistance agreements or request assistance using the Master Mutual Aid Agreement (MMAA) throughout the OA.



## WHOLE COMMUNITY APPROACH

The San Diego Operational Area is committed to achieving and fostering an emergency management system that uses a Whole Community Approach and is fully inclusive of individual needs and circumstances. For further details on the Whole Community Approach to emergency management and the integration of inclusive emergency management practices, refer to the Basic Plan.

## CONCEPT OF OPERATIONS

### POLICIES AND PROCEDURAL GUIDELINES



The following general procedures have been developed to provide guidance in the implementation of this annex:

#### EMERGENCY WORKSTATION

All Public Works Agency personnel should have a designated emergency workstation. This will generally be the station they normally report to during regular work hours unless a different emergency workstation has been previously assigned.

#### ALTERNATE EMERGENCY WORKSTATION

In the event that Public Works normal or emergency workstations are inoperable as a result of the disaster, or staff cannot get to their normal or emergency workstations, employees should report to the nearest appropriate alternate workstation location.

#### REPORTING PROCEDURES DURING PLAN ACTIVATION

Unless assigned to an emergency station, personnel will report to their regular workstation. When assigned to an emergency workstation prior to the emergency, or if telephone communications are disrupted, personnel will report in person to their workstation.

#### OPERATIONAL AREA

The OA covered under this annex is the entire county and all cities. County DPW responsibilities are within the unincorporated areas of San Diego County. When requested by the proper authority, mutual aid services within incorporated cities and adjacent counties can be provided.

#### DEPARTMENTAL OPERATIONS CENTERS (DOC'S)

All Public Works Agencies should designate alternate locations for their Departmental Operations Centers (DOCs) in the event that the primary location is inoperable. For example, the County DPW is headquartered at the County Operations Center (COC) in Kearny Mesa. In the event this facility was damaged to the extent that it could not serve as a DOC, the DOC would be located at Division I Headquarters in Spring Valley, as first choice, and then to Division II Headquarters in San Marcos, as second choice.

### **ORGANIZATION**

Most Cities within the OA have Public Works Departments. In the event of a major emergency or disaster, the Director(s) of Public Works in the affected jurisdiction(s) will coordinate the implementation of this annex. In unincorporated areas of the county, this responsibility falls upon the County Public Works Director. The size and complexity of an incident may result in , agencies/jurisdictions that do not have the personnel to fill all the positions at the EOC as shown at the OA level. This may require the assistance of all affected and non-affected agencies and special districts for additional resources.

### **ASSIGNMENT OF RESPONSIBILITIES/RESPONSIBILITIES OF LOCAL AGENCY**

Activities include but are not limited to the following:

- Reasonably exhaust local resources before calling for outside assistance.
- Render the maximum practicable assistance to all emergency stricken communities, under provisions of the San Diego County Mutual Aid Plans that are in place with the cities of the OA.
- Provide for receiving and disseminating information, data and directives.
- Maintain a call-back list of primary response personnel.
- Coordinate and conduct necessary training to adequately perform functions and fulfill responsibilities during emergencies.
- Provide department personnel to staff the OA EOC.
- Provide department personnel to support Public Information Officers with accurate messaging.
- Coordinate all interdepartmental contacts with other Deputy Directors.
- Coordinate with OA EOC Construction and Engineering Branch.
- Develop and maintain current records of road and flood conditions throughout their jurisdiction.
- Provide engineering and public service work. Tasks include:
  - Restore, maintain and operate essential services within their jurisdiction:
    - ◆ Roads and bridges and/or traffic control devices
    - ◆ Storm drainage facilities
    - ◆ Wastewater disposal plants, trunk sewers and laterals
    - ◆ Airport facilities
    - ◆ Rural transportation facilities
    - ◆ Water infrastructure
  - Repair, modify and/or construct emergency facilities and housing:
    - ◆ Bridges
    - ◆ Alternate road access
    - ◆ Alternate airport landing strips
    - ◆ Temporary solid waste collection areas

- ◆ Temporary wastewater transmission lines
  - ◆ Temporary potable water
  - ◆ Temporary housing
- Provide engineering expertise and equipment to assist in search and rescue operations. Maintain an inventory of heavy equipment operators.
- Maintain an inventory of transportation resources and provide for procurement and allocation.

## **RESPONSIBILITIES OF COUNTY PUBLIC WORKS ADMINISTRATOR**

The County Assistant Director of Public Works/Transportation Division has the primary responsibility to respond for the department in the event of an emergency. During disaster conditions, the Assistant Director shall:

- Reasonably exhaust, or recognize the potential to exhaust, county resources before calling for outside assistance.
- Render the maximum practicable assistance to all emergency stricken communities, under provisions of the San Diego County Mutual Aid Plans that are in place with the cities of the OA.
- Provide for receiving and disseminating information, data, and directives.
- Maintain a callback list of primary response personnel.
- Coordinate and conduct necessary training to adequately perform functions and fulfill responsibilities during emergencies.
- Provide department personnel to staff the OA EOC.
- Provide department personnel to staff the OA Joint Information Center (JIC).
- Coordinate all interdepartmental contacts with other Deputy Directors.
- Develop and maintain current records of road and flood conditions throughout their jurisdiction
- Provide engineering and public service work. Tasks may include:
  - Restore, maintain, and operate essential services within their jurisdiction:
    - ◆ Roads and bridges and/or traffic control devices
    - ◆ Storm drainage facilities
    - ◆ DPW wastewater disposal plants, trunk sewers and laterals
    - ◆ Airport facilities
    - ◆ Rural transportation facilities
  - Repair, modify and/or construct emergency facilities and housing:
    - ◆ Bridges and alternate road access
    - ◆ Alternate airport landing strips
    - ◆ Temporary solid waste collection areas
    - ◆ Temporary DPW wastewater transmission lines
- Provide engineering expertise and equipment to assist in search and rescue operations.
- Maintain an inventory of heavy equipment and equipment operators.
- Maintain an inventory of resources and provide for procurement and allocation of transportation resources.

- Utilize established emergency construction contracts and basic order agreements for services and supplies to assist in emergency response and recovery efforts.
- Lead recovery process for the department to include damage assessments, tracking and analyzing costs.

### **CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)**

Dispatch field crews accordingly to assist the California Highway Patrol (CHP), other emergency responders, and the public with State highway closures, signage, and/or clearance activities in an effort to maintain and/or restore the State highway transportation network to safe and normal operating conditions.



The Caltrans EOC will be activated and staffed accordingly to provide centralized coordination, communication, command, and control of emergency operations and the management of resources. This would include monitoring and providing status of state highways within the region, communicating damage reports, and initiating emergency contracts where appropriate for repairs on the State highway system.

### **SAN DIEGO GAS AND ELECTRIC (SDG&E)**

Provide initial and updated SDG&E damage assessments to include: number of gas and electric outages, areas impacted and number of customers affected, overall estimated restoration time as well as estimated restoration times for each outage, workforce status including use of mutual assistance crews and any critical operational issues or conditions, current weather updates from proprietary system.



Initiate and coordinate SDG&E requests for assistance from the region via the OA EOC liaison and provide department personnel to staff the OA EOC.

### **SAN DIEGO COUNTY WATER AUTHORITY**

In an emergency affecting the county's water supply or quality, the Water Authority and its member agencies, Department of Environmental Health and Quality (DEHQ), State Water Resources Control Board (SWRCB) Division of Drinking Water, County Public Health Officer (PHO), and OES will act in concert to:



- Conduct damage assessments and provide situation status
- Restore water systems and supply
- Ensure the quality of the water
- Determine need for supplemental drinking water
- Provide public notifications on the safety of the water
- Provide personnel to staff the OA EOC

For additional information on Water Operations, see **Appendix A**.





## **SUPPORT FUNCTIONS**

### **DEPARTMENT OF GENERAL SERVICES**

- Provide vehicles as needed
- Provide vehicle maintenance, repair and fueling services
- Provide architects, engineers, electricians and plumbers
- Provide communications support in the form of personnel and/or equipment

### **PARKS AND RECREATION DEPARTMENTS**

- Provide miscellaneous construction equipment and operators
- Provide staff for damage assessment activities, as well as for recovery efforts
- Provide land and/or community centers for staging and response efforts as needed

### **PLANNING & DEVELOPMENT SERVICES**

- Provide structural engineers and building inspectors for damage assessment activities, as well as for recovery efforts for private property in unincorporated communities

### **PROVIDE GEOLOGISTS FOR TECHNICAL SUPPORT CONSTRUCTION INDUSTRY**

- Provide structural engineers and building inspectors for damage assessment activities, as well as for recovery efforts



## TRANSPORTATION INDUSTRY

- Provide ground and rail transportation, including operators, for emergency transportation and evacuation, including transportation for people with disabilities and others with access and functional needs
- Provide additional vehicular support

## FIRE AND LIFE SAFETY DEPARTMENT

- Respond to requests for rescue and treatment following Annex B and the California State Mutual Aid Plan
- Provide emergency structural stabilization and hazard abatement for damage assessment activities, as well as for recovery efforts

## DIRECTION, CONTROL, OR COORDINATION

### ACTIVATION AND TERMINATION

- Activation and termination of this annex shall be by the direction of:
- The County's Chief Administrative Officer (CAO) as the Coordinator of Emergency Services for disasters/emergencies in the OA and the Director of Emergency Services for disasters/emergencies in the unincorporated area
- A designated Deputy CAO
- The Director of OES or a designated representative
- The Director of DPW



Decorative Image

Activation normally occurs based on the following:

- Notification by OES that the scope of an emergency will exceed local resources
- A disaster which by its nature or severity automatically initiates activation of the plan, and/or



- A public media announcement that a disaster has occurred and that all personnel are to report to their disaster assignments

Deactivation is normally accomplished by a phase-down procedure and a return to normal, pre-disaster operations. Operations then revert to activities for reconstituting local government activities, as needed and as directed by the Office of Emergency Services (OES) in accordance with standing policies and unified agreements.

## INFORMATION COLLECTION AND DISSEMINATION

### TYPES OF INFORMATION TO BE RELAYED

Certain information should be relayed immediately to respective division and administration offices, to the San Diego Sheriff's Dispatch Center, to the Land Use Environmental Group (LUEG) Public Information Officer, and to the OA EOC if activated. Pertinent information to be relayed includes:

- Road closures and re-openings
- Inoperative wastewater pumping stations
- Inoperative water pollution control facilities
- Closed airports or runways, and re-openings
- Flooded dip crossings
- Isolated communities
- Closed, isolated or blacked out County facilities
- Major slides, washouts or culvert failures
- Major snow operations

## COMMUNICATIONS

### EFFECTIVE COMMUNICATIONS

Quick and effective communication is vital to the Department's emergency response and recovery operations. The communications system provides the basis for effectively coordinating these efforts, and to provide timely damage assessment information.

## **COMMUNICATIONS MAINTENANCE RESPONSIBILITY**

The Wireless Services Unit of the Sheriff's Department has responsibility for operation and maintenance of all Public Works communications equipment. They should be contacted for information or problems regarding the system.

## **ELEMENTS OF PUBLIC WORKS COMMUNICATIONS SYSTEM**

The primary elements of DPW's communications system are the telephone system and radio network. Support for the communications systems in the event of breakdown consists of messenger traffic to hand-deliver messages and the Auxiliary Communication Service (ACS) to supplement or back up the phone and radio systems.

## **INDIVIDUAL RESPONSIBILITY FOR COMMUNICATING EMERGENCY STATUS**

It is the responsibility of all emergency response personnel to establish communications with their respective divisions, the Public Information Officer (PIO), and the OA EOC (if activated) as quickly as possible to keep them informed by radio, phone systems or relay messenger.

## **ADMINISTRATION, FINANCE, AND LOGISTICS**

Under the Standardized Emergency Management System (SEMS), special districts are considered local governments. As such, they are included in the emergency planning efforts throughout the OA. The OA Emergency Organization is described in detail in the Basic Plan.

## **ADMINISTRATION/LOGISTICS**

Through the Department of Purchasing and Contracting, the Logistics Section of the OA EOC maintains a variety of prepositioned contracts, including those with services providing functional needs. The Logistics Section is also able to secure emergency contracts in the event that no prepositioned contract is in place.

Emergency Purchasing Cards are available to purchase supplies necessary for operations in the field and the OA EOC. Purchases will be in accordance with established County policies.

## **DOCUMENTATION**

It is imperative that local government maintain records of all information necessary for restoration of normal operations. Record retention includes offsite storage of vital digital and paper-based data that can be readily accessible.

Digital records are routinely backed up and stored separately from the hard drives. All personnel records are stored by the County Department of Human Resources at several locations throughout the OA.

The Logistics Section will coordinate with the Planning/Intelligence Section Documentation Unit Leader to ensure all documentation is being collected and recorded for reimbursement purposes.

## ANNEX DEVELOPMENT AND MAINTENANCE

This annex is a product of the OA Emergency Operations Plan (EOP). As such, the policies, procedures, and practices outlined in the OA EOP govern this annex. OES is subject to coordinate the maintenance and update of this annex every four years, in accordance with the maintenance schedule established for the OA EOP. Record of changes, approval, and dissemination of the OA EOP will also apply to this annex.

Updates to the appendices or attachments in this annex can be made before such time for multiple reasons, including but not limited to changes in policy/procedure, improvements and recommendations based on real life events or exercises, etc. Recommended changes should be submitted to OES at [oes@sdcounty.ca.gov](mailto:oes@sdcounty.ca.gov)

## AUTHORITIES AND REFERENCES

- Unified San Diego County Emergency Services Organization, Fifth Amended Emergency Services Agreement, 2005
- County of San Diego Emergency Services Ordinance No. 8183, dated December 15, 1992
- County of San Diego Resolution adopting the California Master Mutual Agreement, dated December 11, 1950
- California Emergency Services Act, Chapter 7 of Division 1 of Title 2 of the Government Code
- California Emergency Plan (October 2017) and sub-plans
- Article 9, Emergency Services, Section 8605 of the Government Code, Operational Areas
- Petris (SEMS) SB 1841 Chapter 1069 - Amendments to the Government Code, Article 7, California Emergency Services Act
- California Master Mutual Aid Agreement
- California Fire and Rescue Emergency Plan
- Incident Command System, Field Operations Guide, ICS 420-1
- San Diego County Mutual Aid Agreement for Fire Departments
- San Diego County Animal Control Mutual Aid Agreement
- California Law Enforcement Mutual Aid Plan
- California Coroners Mutual Aid Plan
- Public Works Mutual Aid Plan.
- San Diego County Multi-Jurisdictional Hazard Mitigation Plan, October 2017
- San Diego Urban Area Tactical Interoperable Communications Plan, February 2006
- San Diego County Terrorist Incident Emergency Response Protocol, Draft, October 2010
- Unified San Diego County Emergency Services Organization Resolution adopting the National Incident Management System dated September 15, 2005
- California Government Code § 8593.3 (2016) – Accessibility to Emergency Information and Services



- Telecommunications Act of 1996
- Web Content Accessibility Guidelines (WCAG) 2.2, 2022

### WATER OPERATIONS

#### INTRODUCTION

The Water Sector in San Diego County consists of public departments, public agencies, private companies, tribal governments, and other individual suppliers of water to the San Diego region's population. The San Diego County Water Authority (Water Authority) transports approximately 90-percent of the county's water for distribution to its 24 member agencies. The member agencies deliver water to approximately 97-percent of the county's population. Approximately 165 small water systems serve the remaining 3-percent of the population, principally located in the unincorporated areas of San Diego County.

#### AUTHORITIES

The principal federal law that ensures safe drinking water for the public is the Safe Drinking Water Act (SDWA). The Environmental Protection Agency (EPA) sets the standards for drinking water quality and delegates implementation of the SDWA to the state of California. The State's program is managed under the State Water Resources Control Board by the Division of Drinking Water. The District Engineer is the regional representative for all water suppliers in the county, ensuring compliance with the Title 22 California Code of Regulations. The County's Department of Environmental Health and Quality regulates small water systems with less than 200 residential service connections (California Safe Drinking Water Act, Article 1, Section 116330). As of July 1, all small public water systems in San Diego County will be regulated directly by the Division of Drinking Water.

#### OBJECTIVES

The primary objective of the Water Sector in an emergency is to maintain or restore water system function in order to deliver a safe and reliable water supply. Functional objectives of the Water Sector are:

- ◆ Provide situational awareness to the OA EOC
- ◆ Coordinate drinking water safety and environmental health issues with the appropriate regulatory agencies
- ◆ Facilitate the use of mutual aid agreements in restoring water systems

#### ORGANIZATIONS AND RESPONSIBILITIES

A diagram of the Water Sector is shown in Attachment A. In an emergency, the roles and responsibilities are as follows:

##### **A. California State Water Resources Control Board, Division of Drinking Water, San Diego District Office (DDW)**

DDW is the primacy agency for all California water systems. The primary role for DDW staff from the onset of an incident is to determine the necessity of issuing water quality advisories. Water system assessments are performed by water system personnel, and reports are provided to DDW. Under certain circumstances, technical specialists from DDW can be dispatched to affected public water systems and integrate into the local EOC. DDW staff work with public water systems during restoration operations to determine appropriate actions to

be taken for lifting water quality advisories. Only DDW, or its delegate for small water systems (DEH), can lift a water quality advisory once issued.

#### B. San Diego County Department of Environmental Health and Quality (DEHQ)

DDW has delegated authority to DEHQ's Land and Water Quality Division as the primacy agency for small public water systems, on July 1, 2022 this delegation will end. DEHQ will retain non-public water systems classified as "State Small Water Systems," serving between 5 – 14 residential service connections with a population fewer than 25 persons. DDW will directly regulate all small public water systems in San Diego County. Classifications of small public water systems include Transient Non Community, Non Transient Non Community and Community systems. Small Community Public Water Systems serve between 15 – 199 residential service connections. Small water systems supply water to approximately 3-percent of the population and typically use groundwater wells as a source of water. A map of the small public water systems is shown in Attachment B. The Land and Water Quality Division has field survey teams to conduct water system damage assessments and coordinate assistance through the DEHQ Operational Center and County Emergency Operations Center. See [Annex H: Environmental Health Operations](#) for more information.

#### C. San Diego County Water Authority

The Water Authority imports both treated and untreated water through the Metropolitan Water District of Southern California (Metropolitan), from the Colorado River and the State Water Project. The water is delivered through a system of pipelines and facilities to 24 member agencies. Each member agency then delivers water directly to consumers through its own retail distribution system. A map of the 24 member agencies is shown in Attachment D. More information about the Water Authority and its member agencies is available at [sdcwa.org](http://sdcwa.org) and on member agency websites.

In an emergency, the primary responsibility of the Water Authority and the member agencies is water system restoration in order to maintain a safe and reliable water supply. The Water Authority sends a representative to the OA EOC to assume the Water Unit Liaison position under the Construction and Engineering Branch. The Water Unit Liaison provides situational awareness and coordination for the Water Sector in the OA EOC.

#### D. San Diego County Health and Human Services Agency (HHSA), Public Health Services (PHS)

Specific roles and responsibilities of Public Health Services include:

- Public Health Officer: In accordance with state water quality regulations will assist in enforcing water restrictions; may impose a higher level of restriction than regulations require if deemed to be protective of the public health.
- Public Health Laboratory: Bacteriological testing of drinking water for potability, environmental testing, especially food, water and sewage.

See [Annex E: Public Health Operations](#) for more information.

### CONCEPT OF OPERATIONS

In an emergency in which the county's water supply or quality is affected, the Water Authority, member agencies, DEHQ, DDW, PHS, and OES will act in concert to:

- Conduct damage assessments and provide situation status

- Restore water systems and supply
- Ensure the quality of the water
- Determine need for supplemental drinking water
- Provide public notifications on the safety of the water

## WATER SUPPLY

The Water Authority operates and maintains a regional water delivery system capable of delivering 900 million gallons of water per day. Available supply in an emergency is dependent upon many factors. Most small water systems have a single source of supply and minimal water storage capacity that may last one to two days. Water Authority member agencies have the ability to remain off the aqueduct for a ten-day period through storage, conservation, and other means. The Water Authority's Emergency Storage Project (ESP) is a system of reservoirs, interconnected pipelines, and pumping stations planned to supply enough water from 2-6 months, depending on availability from Metropolitan. As water systems are being restored, strategies for supplying water to the population may include establishing temporary connections, rerouting water, conservation, and distribution of bottled water.

### 1. Treated and Untreated Water

The Water Authority purchases both treated and untreated water from Metropolitan and desalinated water from the Claude "Bud" Lewis Carlsbad Desalination Plant. Untreated water is either processed by the Water Authority at its Twin Oaks Valley Water Treatment Plant or sold to agencies with their own reservoirs and treatment facilities. All treated water served in San Diego County meets or exceeds rigorous state and federal water quality regulations. Water Authority member agencies that own and operate water treatment plants within the county are:

- City of Escondido – joint ownership with Vista Irrigation District
- Helix Water District
- City of Oceanside
- Olivenhain Municipal Water District
- Pendleton Military Reservation
- City of Poway
- Ramona Municipal Water District
- City of San Diego
- Santa Fe Irrigation District – joint ownership with San Dieguito Water District
- Sweetwater Authority (operating for South Bay Irrigation District and National City)
- Yuima Municipal Water District

### 2. Drinking Water Distribution

Water agencies will provide information about the affected service area to the OA EOC. Close coordination between the San Diego County Public Health Officer, the DDW, District Engineer, DEHQ, and the OA EOC are crucial to the safety and health of the public when distributing drinking water. In the event of an insufficient water supply due to a water quality advisory or outage, a drinking water distribution plan coordinated by the OA EOC will be implemented. Guidance for distribution of emergency drinking water is located in the CAL



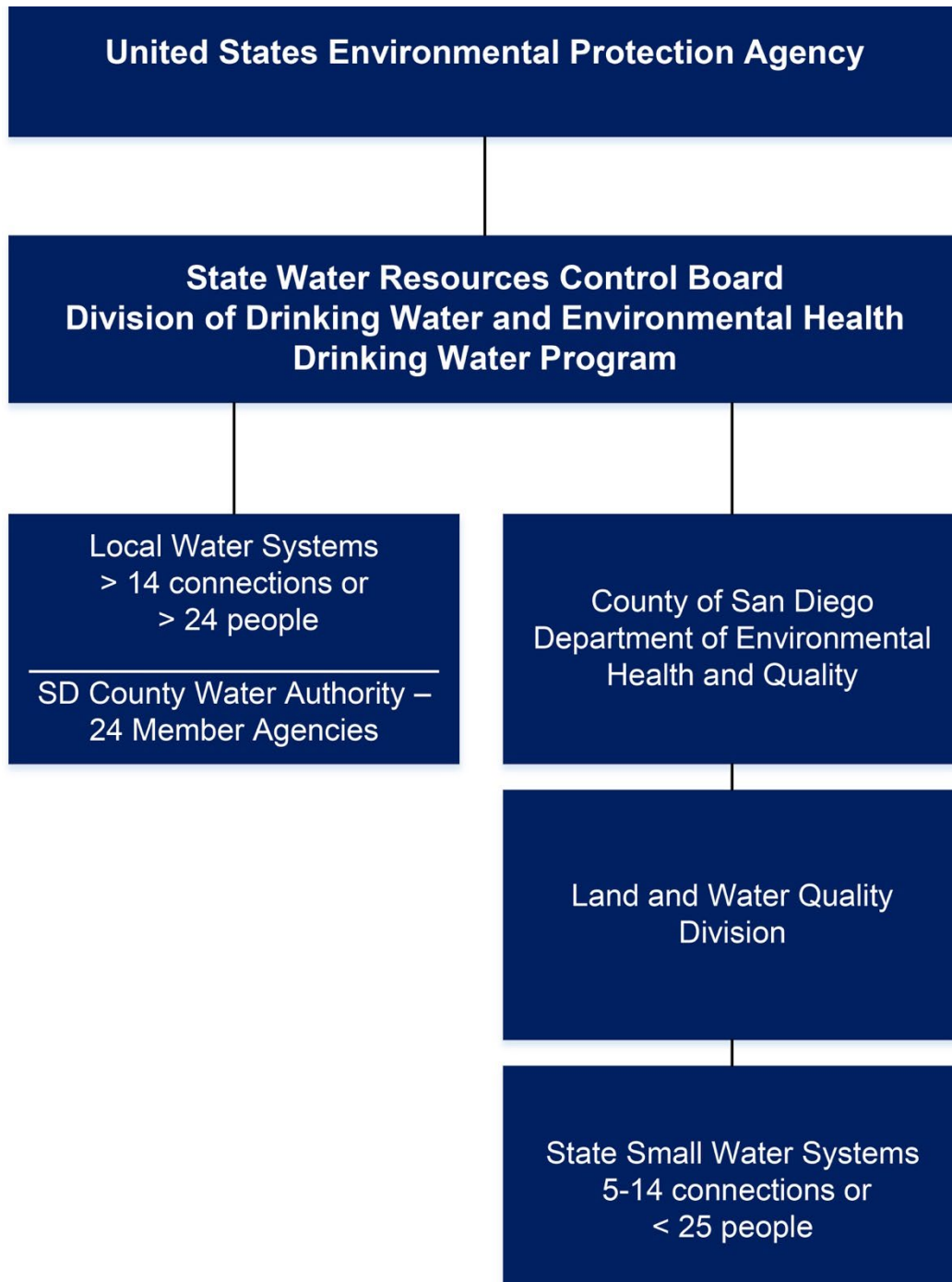
OES publication Multi-Agency Response Guidance for Emergency Drinking Water Procurement & Distribution.

#### WATER SECTOR MUTUAL AID AGREEMENTS

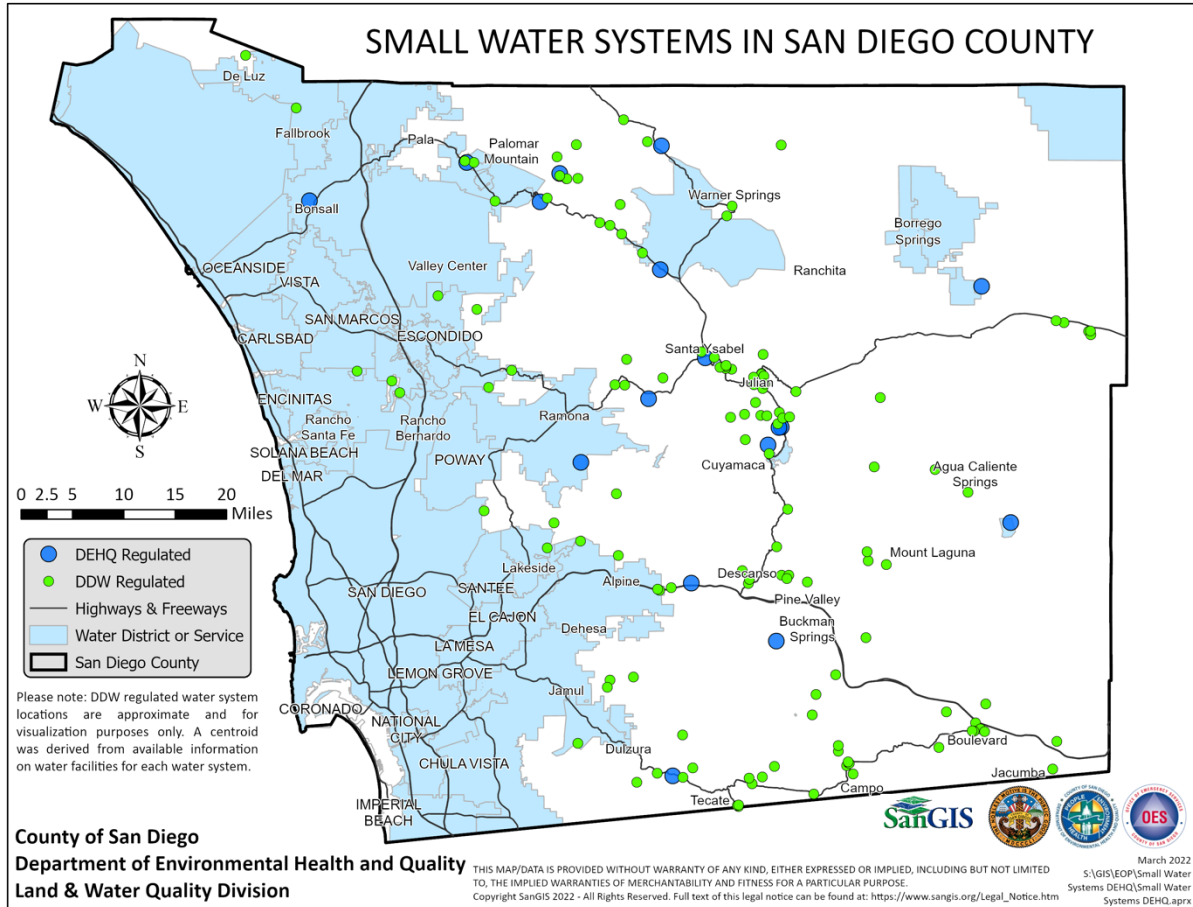
Water Agencies maintain mutual aid agreements on the local (among Member Agencies – see attachment D), regional (with Metropolitan's Member Agencies) and state level (CalWARN). If affected agencies are unable to meet their needs through these agreements, then a request will be made to the OA EOC

## WATER SECTOR

Primary Agency Relationships (as of July 1, 2022). After that date, the State Water Resources Control Board will directly oversee all small public water systems in San Diego County. DEHQ will retain non-public water systems in San Diego County classified as “State Small Water Systems.”

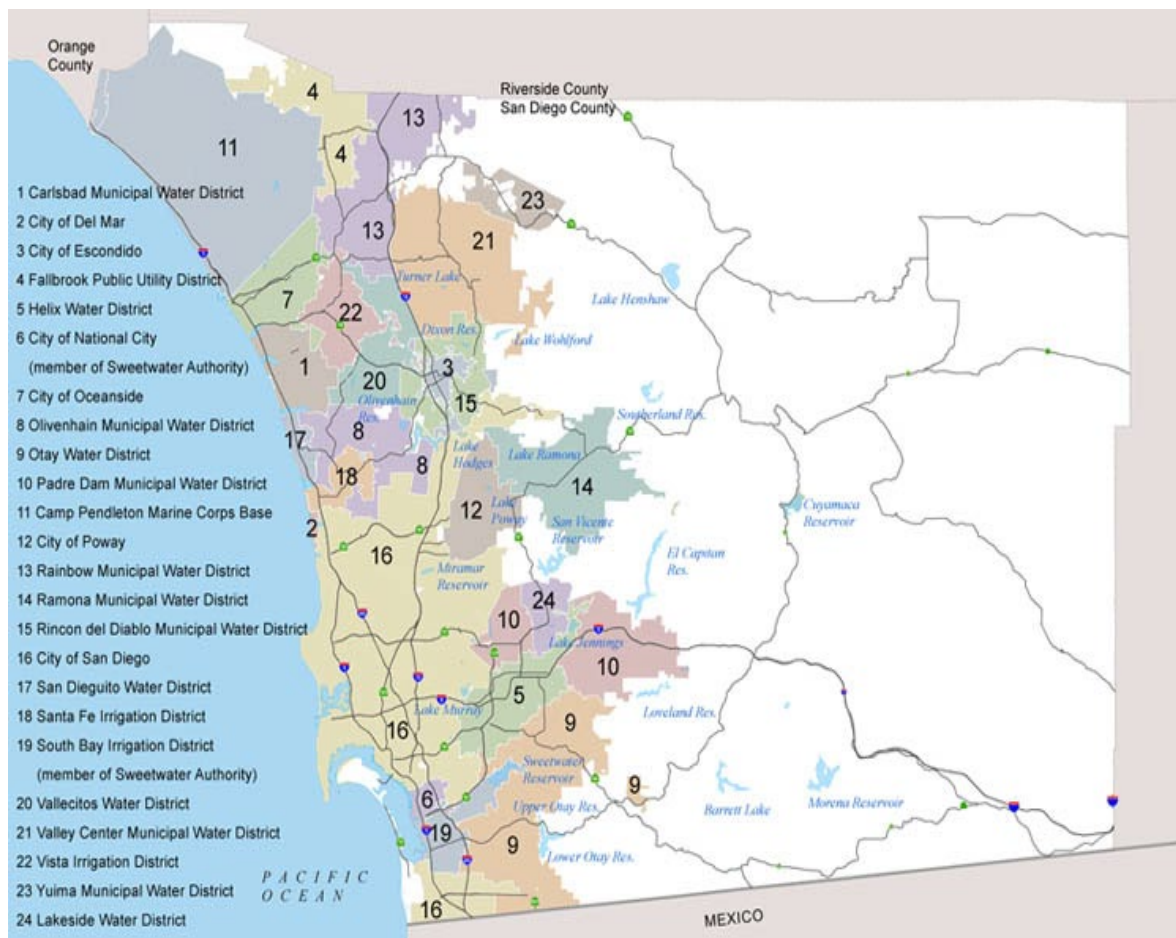


## SMALL PUBLIC WATER SYSTEMS



## SAN DIEGO COUNTY WATER AUTHORITY MEMBER AGENCIES

[Our Members - San Diego County Water Authority \(sdewa.org\)](http://sdewa.org)



A member of the San Diego County Board of Supervisors also serves as a representative to the Water Authority Board of Directors.



## ATTACHMENT D

### MUTUAL AID MATRIX

Agency	Member Agency Agreement w/ Water Authority	Cal WARN	MARS (Metropolitan Water District of Southern California)	Other
San Diego County Water Authority	Y	Y	Y	
Carlsbad Municipal Water District	Y	Y		
Del Mar, City of	Y	Y		
Escondido, City of	Y			
Fallbrook Public Utility District	Y	Y		
Helix Water District	Y	Y		*
Lakeside Water District				*
Oceanside, City of	Y	Y		
Olivenhain Municipal Water District	Y			
Otay Water District	Y	Y		*
Padre Dam Municipal Water District	Y	Y		*
Camp Pendleton Marine Corps Base				
Poway, City of	Y	Y		
Rainbow Municipal Water District	Y	Y		
Ramona Municipal Water District	Y	Y		
Rincon del Diablo Municipal Water District	Y	Y		
San Diego, City of	Y			
San Dieguito Water District	Y	Y		

<b>Agency</b>	<b>Member Agency Agreement w/ Water Authority</b>	<b>Cal WARN</b>	<b>MARS (Metropolitan Water District of Southern California)</b>	<b>Other</b>
Santa Fe Irrigation District	Y			
Sweetwater Authority for the City of National City and South Bay Irrigation District	Y	Y		*
Vallecitos Water District	Y	Y		
Valley Center Municipal Water District	Y	Y		
Vista Irrigation District	Y	Y		
Yuima Municipal Water District	Y	Y		

Current as of April 2022

\*Shared services with Padre, Helix, Otay, Sweetwater, and Lakeside