



Emergency Support Function - 11

Food & Agriculture

April 2023



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Letter of Promulgation

This Emergency Support Function Annex to the County of San Joaquin Emergency Operations Plan describes how San Joaquin County will manage an emergency incident or disaster mitigation, preparedness, response, and restoration related to this Emergency Support Function. All Primary and Support agencies identified as having assigned responsibilities in this Emergency Support Function shall perform the emergency tasks as described, including preparing and maintaining Standard Operating Guidelines and Procedures by carrying out the training, exercises, and plan maintenance needed to support the plan.

The Emergency Support Function plan was developed using the Comprehensive Planning Guide 101 version 3 from the Federal Emergency Management Agency and California's emergency planning guidance documents. Adoption will occur following the established maintenance schedule; however, the plan may be modified in the interim without prior approval and formal adoption under the direction of the Director of Emergency Operations. The modified plan will be relayed digitally to all Primary and Support agencies identified as having assigned responsibilities in this Emergency Support Function. In addition, the plan will be available on the San Joaquin County Office of Emergency Services webpage and within the Advanced File Library of WebEOC. The Primary assigned agency will coordinate the review and update of the plan with the Support agencies as needed at least every three years. This Emergency Support Function plan supersedes any previous versions.

This Emergency Support Function Annex applies to Primary and Support agencies within San Joaquin County who are assigned responsibilities in *Section 4.5 Responsibilities by Emergency Support Function* of the All-Hazard EOP and/or identified within the Emergency Support Function Annex.

This plan/annex will be formally promulgated by the chairperson of the Disaster Council of San Joaquin County at the next regularly scheduled meeting. The Disaster Council is empowered by County Ordinance to review and approve emergency and mutual aid plans.



Robert Rickman
Chair, San Joaquin County Disaster Council
Director of Emergency Services



Date

Plan Administration

San Joaquin County Office of Emergency Services Director of Emergency Operations will coordinate review, revise, and re-promulgate this annex at least once every two years or when key changes occur, such as lessons learned from exercises or real events. Changes may be made by the San Joaquin County Director of Emergency Operations without formal Disaster Council's approval. This document supersedes all previous Emergency Support Function -11 Food and Agriculture annexes for the Operational Area.

Record of Changes

All updates and revisions to this annex will be tracked and recorded in the following table. This process will ensure that the most recent version of the plan is disseminated and implemented by emergency response personnel.

Date	Change No.	Change made by (name/title)	Summary of Changes

Plan Distribution

San Joaquin County Office of Emergency Services maintains the San Joaquin County Emergency Operations Plan in the Emergency Operations Center Library. This document upon signature will become an annex to the Emergency Operations Plan. The primary method of distribution is electronic, with a copy available in the Advanced File Library of the web-based information-sharing database (WebEOC) and on the San Joaquin County webpage.

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Primary Agency: San Joaquin County Agricultural Commissioner's Office

Supporting Agencies: San Joaquin County Office of Emergency Services
San Joaquin County Environmental Health
San Joaquin County Sheriff's Office, Animal Services
San Joaquin County Public Health Services
California Department of Fish and Wildlife
California Department of Food and Agriculture

1 EXECUTIVE SUMMARY

Emergency Support Function (ESF) -11, Food and Agriculture, supports and coordinates the mission to protect life and property within San Joaquin County (County). ESF-11 agencies work together within their statutory and regulatory authorities to provide emergency management related to food and feed safety and agricultural diseases and pests. In addition, ESF-11 supports the management of other types of emergencies by providing authorities, expertise and resources relating to biological inspections, investigations and regulatory actions, laboratory services, and animal care. ESF-11 is made up of stakeholders that include state and local departments as well as non-governmental organizations.

2 INTRODUCTION

ESF-11 supports and coordinates the Operational Area (OA) activities of its stakeholders in the mission of protecting agricultural, food, and natural resources from hazards. ESF-11 is an annex to San Joaquin County Emergency Operations Plan (EOP). The development of ESF-11 will be a continuous process identifying critical resources and consensus building among the stakeholders. Multiple plans maintained in the County may be used depending on the specific area or species involved.

2.1 PURPOSE

The purpose of ESF-11 is to define the scope of emergency management activities of its stakeholders. ESF-11 represents an alliance of discipline-specific stakeholders who possess common interests and share a level of responsibility to provide emergency management related services for food, feed safety, and agricultural diseases and pests. In addition, ESF-11 supports the management of other types of emergency management by providing authorities, expertise, and resources relating to biological inspections, investigations and regulatory actions, laboratory services, and animal care in the County.

2.2 SCOPE

ESF-11 may be activated in whole or part, as described in the County EOP, or in response to a request for support. The scope of ESF-11 includes the appropriate actions to prepare for and respond to a threat to the environment and/or natural resources caused by human-made or natural disasters.

3 GUIDELINES

The following are guidelines and assumptions that this ESF was created under:

- When an emergency develops within the OA, the response will be handled within the local jurisdiction until the incident exceeds local resources or capabilities.
- The designated primary and support agencies are responsible for and committed to staffing and implementing ESF-11 at the time of its activation.
- This annex will be implemented in a manner consistent with the Standardized Emergency Management System, (SEMS), National Incident Management System (NIMS), the EOP, applicable agency guidelines and policies, applicable laws, regulations, and statutes.
- Resource allocation priorities for reduced or limited resources are established by the Emergency Operations Center (EOC), as well as by the following guidelines:
 - Protection of human health and safety
 - Security of critical infrastructure
 - Protection of property
 - Protection of environmental resources and quality
- Develop and initiate mitigation efforts for public education, hazards and vulnerability assessment, and infrastructure improvement.
- Prepare by developing standard operating procedures at the lowest level of each responder and create, maintain, and initiate training and exercises to enhance the readiness of primary and secondary agencies.
- Develop necessary critical benchmarks for recovery for an event that disrupts natural resources in the County¹.
- Identify life sustainability, incident sustainability, and property/land preservation.
- Proactively develop and support mutual aid and other forms of assistance.
- Identify, coordinate, and engage the OA's stakeholders to enhance the natural resource response capabilities.
- Initiate the County declaration process, if necessary.
- During an emergency that exceeds available capacity, there is a need for a central collection point at the EOC where situational information can be compiled, analyzed, prioritized, and distributed.
- Limited information will be available at the outset of an incident, and initial reports may be vague or inaccurate.
- There is an immediate and continuous need for officials involved in response and recovery efforts to collect information about the developing or ongoing incident.
- The OA will utilize WebEOC to ensure all partners have a common operating picture of the situation, response priorities, available resources, and recovery efforts.

¹ Food, feed safety, and security; animal, plant disease, and pest infestation response; natural and cultural resources.

4 CONCEPT OF OPERATIONS

Mitigation activities for ESF-11 include:

- The Primary ESF Agency will complete a vulnerability assessment to prioritize actions to reduce vulnerabilities within the multi-jurisdictional operation area.
- Develop strategies and processes to prevent or minimize the impact of disasters.

Preparedness activities include:

- Identify stakeholders and their roles, responsibilities, and statutory authorities.
- Initiate and coordinate emergency planning activities.
- Conduct resource inventories, categorize resources, establish agreements to acquire necessary resources, manage information systems, and develop processes for mobilizing and demobilizing resources for ESF-11.
- Plan for short term and long-term emergency management and recovery operations.
- Integrate after-action reports and corrective action reports in the ESF-11 planning process.
- Conduct meetings and training exercises.
- Support coordination for incident prioritization, critical resource allocation, integration of communication systems, and information coordination.
- Create a directory providing the list of ESF-11 resources necessary to support operations and begin to identify and document resource types.
- Create inventory agreements to promote the sharing of resources.

Response activities include:

- The County Agricultural Commissioner will provide subject matter recommendations and guidance.
- Coordinate assistance from support agencies and assist other EOC activations.
- Provides guidance and recommendations in resource requests processing to EOC sections to ensure the appropriate use of resources.
- Identify and document thresholds that would require an increase of operational levels.

Recovery activities include:

- Coordinate with stakeholders to reduce or eliminate duplication of efforts.

5 ROLES AND RESPONSIBILITIES

Department/Agency	Division/Group	Responsibility
San Joaquin County Agriculture Department	San Joaquin County Agriculture Commissioner	<ul style="list-style-type: none"> ○ Work with agricultural industry to evaluate and prepare Disaster Declaration information to State. ○ Disseminate information to agricultural industry. ○ Work with USDA, CDFA, and Environmental Health Department (EHD) in support of Animal Disease outbreaks. ○ Maintain and enforce pesticide use, weights and measures. ○ Enforce agricultural related laws and regulations.
San Joaquin Office of Emergency Services	Emergency Operations	<ul style="list-style-type: none"> ○ Plan, coordinate, and support of prevention, protection, mitigation, response and recovery efforts from large-scale emergencies and disaster, both natural and human caused. ○ Assist by obtaining resources from supporting local and state agencies.
San Joaquin County Environmental Health Department		<ul style="list-style-type: none"> ○ Develop and maintain waste monitoring activities. ○ Provide recommendations for the most appropriate methods of disposal for dead and diseased animals. ○ Provide inspections of dairies and confined animal facilities. ○ Coordinate and share information with the Agricultural Commissioner about impacted agricultural operations including animal mortality issues. ○ Coordinate with ESF-12 partners to ensure electricity and other infrastructure needs to mitigate weather and other disaster related animal deaths. ○ Considers environmental impacts and make best practice recommendations for disinfectants used to clean vehicles, equipment, and facilities.
Sheriff's Office	Animal Control	<ul style="list-style-type: none"> ○ Develop and maintain methods for dead, destroyed and affected animal disposal. ○ Coordinate animal, veterinary and wildlife response during an emergency. ○ Capturing and rescuing domestic and wild animals displaced from their habitats.

		<ul style="list-style-type: none"> ○ Provide emergency care to injured animals. ○ Coordinate with ESF-6 to shelter displaced animals during an emergency or disaster.
	Patrol	<ul style="list-style-type: none"> ○ Secures the areas and affected facilities. ○ Provides traffic control and restrict movement in and around the disease control zones to prevent the movement of animals and animal related products to contain the disease.
San Joaquin County Public Health Services		<ul style="list-style-type: none"> ○ Develop and maintain food borne illness plan. ○ Deploys food emergency response team for environmental investigations of food borne illness outbreaks.
California Department of Food and Agriculture	Animal Health and Food Safety Division	<ul style="list-style-type: none"> ○ Protects the safety and security of meat, poultry, dairy products, and other foods of animal origin. ○ Protects animal and animal health through the prevention, detection, and eradication of livestock and poultry diseases and dairy contamination incidents. ○ Protects cattle owners against loss of animals by theft, straying or misappropriation through ongoing inspections and investigative services.
California Department of Fish and Wildlife		<ul style="list-style-type: none"> ○ Supports law enforcement within any restricted movement areas involving fish, wildlife or habitats.

6 COMMUNICATION

Field units will establish communication with the Agricultural Commissioner's Office. Local governments can establish communications through formal channels such as dispatch centers, appropriate ICS forms, or radio communications. In-person, phone calls or internet methods are considered informal methods of communications. Informal communications should be documented with the ICS 214 form. Communication and coordination among all SEMS levels are necessary for effective emergency response. The EAP should note approved communication methods on the ICS 205 form.

6.1 EOC COMMUNICATIONS

There will be communication between all jurisdictions in the OA and the EOC. EOC Communications will be followed in accordance with ESF-05 and ESF-02. Cell phones and hardline phones will be the primary form of communication when not in the physical EOC. ICS forms will be used to document communication and collected in accordance with SEMS/NIMS. All communications should be a two-way flow from the positions within the ESF to the Operations Section Chief, and vice versa. When communicating, all personnel should use plain language to avoid any confusion (no acronyms or abbreviations).

If phones are not available, the following methods of communication can be used, but not limited to:

- E-Mail
- Fax
- Amateur Radio – including data packets²
- Runners with appropriate ICS forms.

7 INFORMATION COLLECTION, ANALYSIS, AND DISSEMINATION

To establish a common operating picture throughout the region, information is to be shared by all agencies involved in the incident response, whether in the field, in a jurisdictional EOC or staffing at the County EOC, in a timely manner. Establishing a common operating picture and maintaining situational awareness are essential to effective incident management.

Information is shared via the designated WebEOC Activity/Event Log, so that all incident response personnel maintain situational awareness. Information is to be used by intended recipients to take appropriate response actions.

7.1 RESOURCE REQUESTS RRDM

Resource requests are submitted through the appropriate channels according to SEMS and the ICS structure established through the EOC. Resource requests will be addressed locally, regionally, then statewide, if necessary. Requests for all supplies, equipment, personnel, etc. should be routed through ESF-07, Logistics, utilizing the WebEOC Resource Request and Deployment Module (RRDM) as appropriate.

8 ADMINISTRATION, FINANCE, LOGISTICS

Local jurisdictions within the OA assume responsibility of all local incidents. ICS forms will be used in accordance with SEMS and NIMS prior, during and after an incident to document events. All resources must track hours, mileage, and provide associated documentation to the Finance and Administration Section prior to demobilization. The Finance Section provides fiscal support to the EOC and coordinates with County departments to ensure costs are tracked and that proper documentation is maintained for reimbursement requests. Expenditures will be tracked and submitted directly to the Finance and Administration Section as soon as possible.

An After-Action Review (AAR) will be completed after every incident at every jurisdiction. All county agencies will participate in an AAR to develop best practices and lessons learned.

9 PLAN DEVELOPMENT, MAINTENANCE, AND TRAINING

This Annex is developed under the authority conveyed to the Office of Emergency Services in accordance with the County Ordinance, which has the primary responsibility for ensuring that necessary changes and revisions to this annex are prepared, coordinated, published, and distributed. The development and maintenance of this ESF plan will be consistent with the guidelines established in the EOP.

² Data packets refer to digital information sent over radio frequencies.

9.1 TRAINING AND EXERCISES

Regular training and exercising the plan are essential not only for readiness but for ensuring that the plan remains an effective tool for emergency preparedness, response and recovery.

All staff potentially assigned to this ESF will be trained to the minimum level as identified in the EOP. The Office of Emergency Services will develop a program of tabletop, functional and full-scale exercises to test the County's Emergency Operations Plan on a regular basis. The exercises should include exercise objectives that rely upon elements of this annex, as appropriate. In addition, OES will coordinate with support agencies to conduct tabletop and/or functional exercises on the department procedures and those encompassed in this annex for all personnel likely to be assigned duties in this plan.

10 AUTHORITIES AND REFERENCES

The authorities and references documented in the basic plan of the San Joaquin County EOP are considered applicable to this ESF.