

EMERGENCY MEDICAL SERVICES AUTHORITY

10901 GOLD CENTER DR., SUITE 400
RANCHO CORDOVA, CA 95670
(916) 322-4336 FAX (916) 322-1441



February 3, 2020

Mr. Dan Burch, EMS Administrator
San Joaquin County EMS Agency
P. O. Box 220
French Camp, CA 95231

Dear Mr. Burch:

This letter is in response to San Joaquin County's 2019 EMS Plan submission to the EMS Authority on October 18, 2019.

I. Introduction and Summary:

The EMS Authority has concluded its review of San Joaquin County's 2019 EMS Plan and is approving the plan.

II. History and Background:

San Joaquin County received its last plan approval for its 2018 plan submission.

Historically, we have received EMS Plan submissions from San Joaquin County for the following years:

- 1994
- 2003
- 2006
- 2007
- 2009-2012
- 2014
- 2017
- 2018

Health and Safety Code (HSC) § 1797.254 states:

*"Local EMS agencies shall **annually** (emphasis added) submit an emergency medical services plan for the EMS area to the authority, according to EMS Systems, Standards, and Guidelines established by the authority".*

The EMS Authority is responsible for the review of EMS Plans and for making a determination on the approval or disapproval of the plan, based on compliance with statute, regulations, and case law, consistent with HSC § 1797.105(b).

III. Analysis of EMS System Components:

Following are comments related to San Joaquin County's 2019 EMS Plan. Areas that indicate the plan submitted is concordant and consistent with applicable laws, regulations, case law, and the EMS system components identified in HSC § 1797.103, are indicated below:

- | | Approved | Not Approved | |
|----|-------------------------------------|--------------------------|---|
| A. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>System Organization and Management</u> |
| B. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Staffing/Training</u> |
| C. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Communications</u> |
| D. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Response/Transportation</u> |

Based on the documentation provided, please find enclosed San Joaquin County's status of ground exclusive operating areas, as compiled by the EMS Authority.

- | | | | |
|----|-------------------------------------|--------------------------|--|
| E. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Facilities/Critical Care</u> |
| F. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Data Collection/System Evaluation</u> |
| G. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Public Information and Education</u> |
| H. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Disaster Medical Response</u> |

IV. Conclusion:

Based on the information identified, San Joaquin County's 2019 EMS Plan is approved.

Pursuant to HSC § 1797.105(b):

"After the applicable guidelines or regulations are established by the Authority, a local EMS agency may implement a local plan...unless the Authority determines that the plan does not effectively meet the needs of the persons served and is not consistent with the coordinating activities in the geographical area served, or that the plan is not concordant and consistent with applicable guidelines or regulations, or both the guidelines and regulations established by the Authority."

Mr. Dan Burch, EMS Administrator
February 3, 2020
Page 3 of 3

V. Next Steps:

San Joaquin County's next EMS Plan will be due on or before February 3, 2021. If you have any questions regarding the plan review, please contact Ms. Lisa Galindo, EMS Plans Coordinator, at (916) 431-3688.

Sincerely,



Tom McGinnis, EMT-P
Chief, EMS Systems Division

Enclosure

2019 San Joaquin EMS Plan
 Transportation Component
 Approved

ZONE	EXCLUSIVITY		Method to Achieve Exclusivity	TYPE			LEVEL						
	Non-Exclusive	Exclusive		Emergency Ambulance	ALS	LALS	All Emergency Ambulance Services	9-1-1 Emergency Response	7-digit Emergency Response	ALS Ambulance	All CCT Ambulance Services	BLS Non-Emergency and IFT	Standby Service with Transport Authorization
Zone X		X	Competitive Process	X				X	X	X	X		
Zone D		X	Non-Competitive	X				X	X	X			
Zone E		X	Non-Competitive	X				X	X	X			
Zone F		X	Non-Competitive	X				X					

Emergency Medical Services Plan 2019 Annual Update



San Joaquin County Emergency Medical Services Agency
PO Box 220, French Camp, CA 95231 (209) 468-6818

Dan Burch, EMS Administrator
Katherine Shafer, M.D., EMS Medical Director

Revised and Submitted January 29, 2020

Table of Contents

EXECUTIVE SUMMARY	1
MAJOR NEEDS AND PROGRAM SOLUTIONS	1
SUMMARY OF CHANGES.....	5
SYSTEM ASSESSMENT FORMS	8
Progress/Objectives	16
TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES.....	19
TABLE 2: SYSTEM RESOURCES AND OPERATIONS	28
TABLE 3: SYSTEM RESOURCES AND OPERATIONS - PERSONNEL/TRAINING	34
TABLE 4: SYSTEM RESOURCES AND OPERATIONS - COMMUNICATIONS	35
TABLE 5: SYSTEM RESOURCES AND OPERATIONS - RESPONSE/TRANSPORTATION	36
TABLE 6: SYSTEM RESOURCES & OPERATIONS – FACILITIES/CRITICAL CARE	37
TABLE 7: SYSTEM RESOURCES AND OPERATIONS -- DISASTER MEDICAL.....	38
TABLE 8: RESOURCE DIRECTORY – RESPONSE/TRANSPORTATION/PROVIDERS.....	40
TABLE 9: RESOURCE DIRECTORY – FACILITIES	66
TABLE 10: RESOURCES DIRECTORY – APPROVED TRAINING PROGRAMS.....	73
TABLE 11: RESOURCES DIRECTORY - DISPATCH AGENCY	80
AMBULANCE ZONE SUMMARY FORMS.....	81

ADDENDUM A – STEMI Critical Care System Plan

ADDENDUM B – Stroke Critical Care System Plan

ADDENDUM C – Trauma Critical Care System Plan (2019 Update)

ADDENDUM D – SJCEMSA Continuous Quality Improvement Plan (2019 Update)

This Page Intentionally Left Blank.

EXECUTIVE SUMMARY

The San Joaquin County Emergency Medical Services (EMS) Agency (SJCEMSA) was created by the San Joaquin County Board of Supervisors as a department within the Health Care Services Agency in 1982, in order to fulfill the responsibilities of a local EMS agency as contained in Health and Safety Code, Division 2.5 et seq. As assigned by the Legislature with the passage of the EMS Act, the primary responsibility of a local EMS agency is to plan, implement, and evaluate an emergency medical services system, in accordance with the provisions of Division 2.5 of the Health and Safety Code, consisting of an organized pattern of readiness and response services based on public and private agreements and operational procedures. Section 1797.254 of the Health and Safety Code requires local EMS agencies to annually submit a plan for their EMS area to the California EMS Authority (EMSA). The EMS system plan and subject specific plans such as trauma and transportation must be consistent with the regulations and guidelines established by the EMSA.

This EMS plan update provides information relevant to the period from July 1, 2018 through June 30, 2019. This document includes addenda that meet the requirement to provide annual plans for the San Joaquin County CQI Plan, the Stroke Critical Care System Plan, the STEMI Critical Care System Plan, and the San Joaquin County 2019 Trauma System Plan Update. The San Joaquin EMS System generally meets or exceeds EMSA's minimum standards and recommended guidelines. This document meets the EMSA requirement for the submission of an annual EMS Plan update.

MAJOR NEEDS AND PROGRAM SOLUTIONS

1. Need: Continue to enhance SJCEMSA's access to EMS incident dispatch data in order to measure the performance and effectiveness of fire department responders and other non-transport resources. Access to the dispatch data from a fully functioning CAD for all non-transport resources that must include remote access to audio equipment and technology to provide SJCEMSA with unrestricted access to search, select, play and record digital audio recordings and features, plus provide monitoring features available using the FirstWatch program.

Program Solution: Continue to enhance agreements and adopt policies and measures to ensure complete and ready access communication and provider data sources to allow for the evaluation of the efficiency and effectiveness of all aspects of the EMS system. Work with stakeholders including the cities and fire districts to ensure access to data.

2. Need: Continue to develop and implement strategies to reduce off-load delays of patients transported by EMS system ambulances at hospital emergency departments in San Joaquin County

Program Solution: Adopt a method to calculate the true financial cost of APOD on the EMS system. Continue to measure and report APOT quarterly showing performance of each hospital. Engage stakeholders on developing, implementing, and evaluating measures to reduce APOT and its deleterious effect on patient care, diminished ambulance productivity, and increase in response times.