

EMERGENCY MEDICAL SERVICES AUTHORITY

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February 13, 2017

Mr. Richard Murdock, EMS Administrator
Mountain Valley EMS Agency
1101 Standiford Avenue, #D1
Modesto, CA 95350

Dear Mr. Murdock:

This letter is in response to Mountain Valley EMS Agency's 2015 EMS Plan Update submission to the EMS Authority on January 2, 2017.

I. Introduction and Summary:

The EMS Authority has concluded its review of Mountain Valley EMS Agency's 2015 EMS Plan Update and is approving the plan as submitted.

II. History and Background:

Mountain Valley EMS Agency received its last annual plan update for its 2011 plan submission.

Historically, we have received EMS Plan submissions from Mountain Valley EMS Agency for the following years:

- 1996
- 1999-2002
- 2004-2005
- 2007-2011

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 and the standards and guidelines established by the EMS Authority consistent with HSC § 1797.105(b).

III. Analysis of EMS System Components:

Following are comments related to Mountain Valley EMS Agency's 2015 EMS Plan Update. Areas that indicate the plan submitted is concordant and consistent with applicable guidelines or regulations, HSC § 1797.254, 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> |

1. Ambulance Zones

- Based on the documentation provided by Mountain Valley EMS Agency, please find enclosed the EMS Authority's determination of the exclusivity of Mountain Valley EMS Agency's ambulance zones.

- | | | | |
|----|-------------------------------------|--------------------------|--|
| 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, Mountain Valley EMS Agency's 2015 EMS Plan Update 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.”

V. Next Steps:

Mountain Valley EMS Agency's next annual EMS Plan Update will be due on or before February 28, 2018. If you have any questions regarding the plan review, please contact Ms. Lisa Galindo, EMS Plans Coordinator, at (916) 431-3688.

Sincerely,

A handwritten signature in blue ink that reads "Daniel R. Amley" followed by a stylized flourish.

Howard Backer, MD, MPH, FACEP
Director

Enclosure



Mountain-Valley EMS Agency 2015 EMS Plan

Annual EMS System Report



Executive Summary

The Mountain-Valley EMS Agency (MVEMSA) is a regional multi-county Joint Powers Authority (JPA) that serves as the Local EMS Agency (LEMSA) for the counties of Alpine, Amador, Calaveras, Mariposa and Stanislaus. The member counties have delegated all California Health and Safety Code, Division 2.5 and California Code of Regulations responsibilities for a LEMSA to the MVEMSA.

The Governing Board of Directors for the JPA consists of a County Supervisor from each of the member counties. The EMS system in these counties have been developed through a partnership between the EMS Agency, 9-1-1 Public Services Answering Points (PSAPS), EMS dispatch centers, Basic Life Support (BLS) Fire Department First Responders, Advanced Life Support (ALS) Fire Department First Responders, ambulance providers, base hospitals and specialty centers.

The five counties encompass an area of some 5,300 square miles with a resident population of approximately 632,161 people. The region ranges from remote rural areas to large urban areas. Extremes of weather are characteristic of the area, which encompasses the Sierra Nevada Mountains and the heat of the San Joaquin Valley region. Highway 99, runs through Stanislaus County from Merced County border to San Joaquin County Boarder and Interstate 5 touches the Western portion of Stanislaus County. Interstate 5 and Highway 99 are highly traveled freeways that run north and south through the counties. Some of the areas are densely populated and others are fairly remote with less population. Highway 49 runs through Alpine, Amador, Calaveras and Mariposa Counties. Highway 88 also traverses through Amador and Alpine Counties through farmlands to wilderness areas.

The mission of the Mountain-Valley EMS Agency is to ensure the appropriate provision of quality pre-hospital care services to the public in a cost effective manner as an integrated part of the overall health care

system and to provide the framework for quality emergency medical services to the citizens of Alpine, Amador, Calaveras, Mariposa, and Stanislaus Counties.

MVEMSA, to date, has designated two (2) Level II trauma centers, which are located in Stanislaus County, three (3) STEMI Receiving Centers and three (3) Stroke Receiving Centers, which are scheduled to be designated February 1, 2017. MVEMSA conducts quarterly Trauma Advisory Committees (TAC) and quarterly STEMI/Stroke (Stroke starting in 2017) QI meetings for all system participants. An objective for the Agency, as presented in the System Assessment Form, is to designate a Level III Trauma Center in one of our Mountain Counties.

Approval of CE Programs and EMT Training Programs continue throughout the region along with renewals of the programs every four years. MVEMSA is conducting audits of the approved CE Provider Programs throughout the region. Our agency is currently submitting provider's ePCR data to ImageTrend as it complies with the EMSA statewide data system.

The agency has worked closely with the EMS providers to implement the electronic patient care reporting (ePCR) systems. The prehospital transport agencies utilize proprietary ePCR systems are compliant to the required CEMSIS/NEMSIS versions, which has permitted a more complete submittal of Core Measures data.

The Agency is working with member counties to complete the inventory of resources and hospital evacuation requirements listed in the System Assessment.

Specifics of the Mountain-Valley EMS Agency EMS Plan are contained within the annual EMS Plan update.



Mountain-Valley EMS Agency 2015 EMS Plan

Table 1

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES
A. SYSTEM ORGANIZATION AND MANAGEMENT

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Agency Administration:						
1.01	LEMSA Structure		X	N/A		
1.02	LEMSA Mission		X	N/A		
1.03	Public Input		X	N/A		
1.04	Medical Director		X	X		
Planning Activities:						
1.05	System Plan		X	N/A		
1.06	Annual Plan Update		X	N/A		
1.07	Trauma Planning*		X			X
1.08	ALS Planning*		X	N/A		
1.09	Inventory of Resources	X		N/A		X
1.10	Special Populations		X	X		
1.11	System Participants		X	X		
Regulatory Activities:						
1.12	Review & Monitoring		X	N/A		
1.13	Coordination		X	N/A		
1.14	Policy & Procedures Manual		X	N/A		
1.15	Compliance w/Policies		X	N/A		
System Finances:						
1.16	Funding Mechanism		X	N/A		
Medical Direction:						
1.17	Medical Direction*		X	N/A		
1.18	QA/QI		X	X		
1.19	Policies, Procedures, Protocols		X	X		

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

A. SYSTEM ORGANIZATION AND MANAGEMENT (continued)

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
1.20	DNR Policy		X	N/A		
1.21	Determination of Death		X	N/A		
1.22	Reporting of Abuse		X	N/A		
1.23	Interfacility Transfer		X	N/A		
Enhanced Level: Advanced Life Support						
1.24	ALS Systems		X	X		
1.25	On-Line Medical Direction		X	X		
Enhanced Level: Trauma Care System:						
1.26	Trauma System Plan		X	N/A		
Enhanced Level: Pediatric Emergency Medical and Critical Care System:						
1.27	Pediatric System Plan		X	N/A		
Enhanced Level: Exclusive Operating Areas:						
1.28	EOA Plan		X	N/A		

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

B. STAFFING/TRAINING

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Local EMS Agency:						
2.01	Assessment of Needs		X	N/A		
2.02	Approval of Training		X	N/A		
2.03	Personnel		X	N/A		
Dispatchers:						
2.04	Dispatch Training		X	X		
First Responders (non-transporting):						
2.05	First Responder Training		X	X		
2.06	Response		X	N/A		
2.07	Medical Control		X	N/A		
Transporting Personnel:						
2.08	EMT-I Training		X	X		
Hospital:						
2.09	CPR Training		X	N/A		
2.10	Advanced Life Support		X	X		
Enhanced Level: Advanced Life Support:						
2.11	Accreditation Process		X	N/A		
2.12	Early Defibrillation		X	N/A		
2.13	Base Hospital Personnel		X	N/A		

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

C. COMMUNICATIONS

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Communications Equipment:						
3.01	Communication Plan*		X	X		
3.02	Radios		X	X		
3.03	Interfacility Transfer*		X	N/A		
3.04	Dispatch Center		X	N/A		
3.05	Hospitals		X	X		
3.06	MCI/Disasters		X	N/A		
Public Access:						
3.07	9-1-1 Planning/Coordination		X	X		
3.08	9-1-1 Public Education		X	N/A		
Resource Management:						
3.09	Dispatch Triage		X	X		
3.10	Integrated Dispatch		X	X		

TABLE 1: MINIMUM STANDARDS/RECOMMENDED GUIDELINES

D. RESPONSE/TRANSPORTATION

		Does not currently meet standard	Meets minimum standard	Meets recommended guidelines	Short-range plan	Long-range plan
Universal Level:						
4.01	Service Area Boundaries*		X	X		
4.02	Monitoring		X	X		
4.03	Classifying Medical Requests		X	N/A		
4.04	Prescheduled Responses		X	N/A		
4.05	Response Time*		X	X		
4.06	Staffing		X	N/A		
4.07	First Responder Agencies		X	N/A		
4.08	Medical & Rescue Aircraft*		X	N/A		
4.09	Air Dispatch Center		X	N/A		
4.10	Aircraft Availability*		X	N/A		
4.11	Specialty Vehicles*		X	X		
4.12	Disaster Response		X	N/A		
4.13	Intercounty Response*		X	X		
4.14	Incident Command System		X	N/A		
4.15	MCI Plans		X	N/A		
Enhanced Level: Advanced Life Support:						
4.16	ALS Staffing		X	X		
4.17	ALS Equipment		X	N/A		
Enhanced Level: Ambulance Regulation:						
4.18	Compliance		X	N/A		
Enhanced Level: Exclusive Operating Permits:						
4.19	Transportation Plan		X	N/A		
4.20	"Grandfathering"		X	N/A		
4.21	Compliance		X	N/A		
4.22	Evaluation		X	N/A		