

**ATTACHMENT 1
QUARTERLY AND FINAL SUMMARY REPORT**



**COUNTY OF HUMBOLDT – MEASURE Z
Report Form**

Organization Name: K'ima:w Medical Center **Report Date:** 07/30/18

Contact Name: Keith Dobbs, CEO **Phone:** (530) 625-4261

Please attach a narrative report addressing the items outlined in section I below. Feel free to attach any other relevant materials or reports.

I. QUARTERLY NARRATIVE (please attach a maximum of 1 page, exclusive of attachments)

A. Results/Outcomes

1. Please describe the Measure Z activities completed and/or total numbers served or reached.

The Willow Creek coverage area runs from mile marker 22.22 west on State Highway 299 to mile marker 42.56 east on State Highway 299, and to mile marker 6.18 north on State Highway 96. The call volumes for Willow Creek: APR - 95 calls, MAY - 98 calls, JUN - 116 Calls. 3 month total of 309 calls .
Average response times: In the city limits - 6 minutes, Hwy 299 - 12 minutes to the furthest boundary.

2. What difference did Measure Z funding make in our community and for the population you are serving? Please discuss evidence of effect (e.g., community indicators, outcomes, etc.). *If you have evaluation materials that document outcomes and impacts of your work, feel free to attach them in lieu of answering this or other questions.*

With the funding K'ima:w Medical Center received from Measure Z, Hoopa Ambulance is able to maintain a fully staffed ALS coverage for the Willow Creek area. The ambulance base is located just out of Willow Creek with ease of access to State Highway 299. The 2015 ambulances are equipped with the highly advanced ALS equipment, which includes 12-lead heart monitors, external pacing, auto blood pressure cuffs, and pulse oximeters, advanced intubation equipment, C-pap (advance breathing equipment), radio equipment/repeater and interosseous (Advanced IV) equipment. Our crews are trained in low angle rope rescue and the ambulance carries 800 foot of rope, hardware to descend/ascend with the patient, and equipment to extricate the patient when needed. We are also equipped with water rescue equipment.
Outcomes and Impact: Motor Vehicle Collisions - 12, Injuries - 22, Medicals - 43, Life Flights - 2, Rope Rescues - 2, MVC Related Deaths - 0, Major/Critical - 4.

When both the Willow Creek and Hoopa ambulances are out of the response area due to transports to the hospital, the average turnaround time is 3 hours. K'ima:w Medical Center contracts with Arcata-Mad River Ambulance for response to the Willow Creek area with ALS standby coverage . Hoopa does their best to provide necessary coverage to meet the community's needs for our super rural response area.

Maintaining an ALS ambulance base in Willow Creek cuts down on response times in the Willow Creek area, as well as areas both eastward and westward, including Salyer, Hawkins Bar and Burnt Ranch, and Hwy 299 west of Willow Creek. We are able to respond to critical ill and injured patients quicker. The State Highway 299 corridor from Willow Creek to the Redwood Creek Bridge is one of the major response areas for motor vehicle accidents. Being able to respond in a timely manner, we are able to improve the patient's quality of care and chances for survival in critical incidents. Proximity to Advanced Life Support (ALS) is crucial to quality of outcome and decrease in mortality.

Due to long transport times Hoopa Ambulance carries extra advanced medication not normally found in a city ambulance service. We are approved by North Coast Emergency Medical Service to carry additional medications that other local ambulance services are not permitted to carry.

With our professional presence in the Willow Creek area and participation in social events (such as Bigfoot Days Parade, Show and Tell at the local schools, etc), the public is very appreciative and feels safer within their community.

- 3. Describe any unanticipated impacts of receiving Measure Z funding, positive or negative, not already described above.

The Public is very pleased that a local Ambulance is serving their area. They are pleased with the response times and quality of Care. In a show of support from the community, as of lately, KMC Ambulance received over 40 letters of support from people living in Willow Creek as a result of our continuing positive impact.

II. FINAL SUMMARY REPORT (please attach a maximum of 2 pages, exclusive of attachments)

A. Lessons Learned

- 1. Describe what you learned based on the results/outcomes you reported in Section A above and what, if any, changes you will make based on your results/outcomes.

Hoopa Ambulance has been based in the Willow Creek area for many years. The Measure Z monies are enabling Hoopa Ambulance to maintain complete emergency ALS coverage in an area that is 45-120 minutes from any advanced medical care under the best conditions. In Winter months, road conditions are even more challenging and Hoopa Ambulance is equipped with 4-wheel drive, enabling us to navigate successfully and safely through rough terrain. Hoopa is always looking into modern ways and new technology to improve care and meet the highest level of emergency care in a super rural area. Ambulance Paramedics maintain high skill levels and ongoing continuous education training consists of 48-72 hours every 2 years. Field care audits are conducted every 2 months, and ongoing patient care auditing done is performed internally.

- 2. What overall public safety improvements has your organization seen as a result of receiving Measure Z funding?

Hoopa Ambulance is able to maintain a high level of care along with a short response time and is beneficial for essential patient care in the Willow Creek area. The general sense in the Willow Creek area is that Hoopa Ambulance is highly professional and appreciated. The service is supported by the two clinics in the Willow Creek area who have expressed appreciation with the high level of professionalism and short response times, especially when those clinics are needing to transport critically ill patients immediately for definitive care.

Improvements this Quarter : Measure Z funding allowed Hoopa Ambulance to continue to update and enhance our rope rescue gear giving us every advantage in performing operations around the bluffs and cliffs that the roads run through. Our skills, experience and techniques are unique to Hoopa Ambulance because we have been forced to adapt to the topography for decades. Our equipment has evolved along with our abilities and methods. Recently we have been able to promptly respond to 2 major motorcycle accidents in the Willow Creek area and provide high level ALS care to critically wounded patients that would have otherwise been without ALS care for an estimated 60 minutes. We have also recently assisted CHP rescue operations when their patient was considered too combative to treat in flight, and was successfully handed off with good results to our ambulance crew.