

**ATTACHMENT 1
QUARTERLY AND FINAL SUMMARY REPORT**

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



Organization Name: K'ima:w Medical Center **Report Date:** 07/15/19

Contact Name: Emmett Chase, 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

A. Results/Outcomes

- 1. Please describe the Measure Z activities completed.
K'ima:w Medical Center (KMC) Ambulance is able to remain locality in the closest vicinity of the Willow Creek community. Our response times are within 11-14 minutes for motor vehicle accidents and medical calls are around 4 minutes. The Measure Z funding allows us to maintain ALS coverage 24/7. Over the last few years St. Joseph Hospital became a Trauma and Cardiac center, Level 3 Hospital. Willow Creek is within the Golden Hour if a life-threatening event occurs. With code 3 transport and having an ALS paramedic unit, ETA to the hospital is about 1 hour away. Immediate response saves lives.
- 2. How many people have been served and how.
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-28 calls; MAY-29 calls; JUN-31 calls for a 3-month total of 88 calls.
- 3. Who has benefited from the enhanced services.
The residents of the Willow Creek community and surrounding areas including elderly, visitors/tourists, etc. We also transport patients from the two clinics that are serving the area. The K'ima:w Medical Center (KMC) Ambulance covers over 20 miles of Highway 299. The 299 corridor allows travel from I-5 to Highway 101. This road way is very heavily traveled, and supports many locals who seek work in the Redding or Eureka area. It also supports travel for merchandise sales as many trucks use this Highway for business, shopping, tourism, etc. In the last 3 months, we responded to 8 Motor Vehicle Accidents in the Willow Creek area. The area is fortunate to have a Trauma and Cardiac Center in Humboldt County. St. Joseph Hospital (level 3 hospital) gives us a higher level of care for patients with a life threatening event; previously patients were transported by helicopter to the Redding area.
- 4. What difference did Measure Z funding make in our community and for the population you are serving? Please quantify the short-term impact on your project for the current year. *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, KMC Ambulance is able to maintain fully staffed ALS coverage for the Willow Creek area. The KMC Ambulance is able to provide updated 4-wheel drive units that are equipped with highly advanced life support equipment, which includes LP-15 heart monitors, 12 lead, external pacing, automated blood pressure cuffs, pulse oximeters, advanced

intubation equipment, C-Pap (advanced breathing equipment), radio equipment/repeater, and advanced IV equipment. Our crews are trained in low angle rope rescue and the ambulance carries 800 feet of rope and hardware to reach the patient quickly. The KMC Ambulance also carries equipment to extricate the patient when needed. We are also equipped with water rescue gear. Our equipment is always in the finest condition, or it is replaced.

Outcomes and Impact APRIL-JUNE: Motor Vehicle Collisions-8; MVC Related Deaths-0; Other Injuries-13; Medicals-67; Life Flighted-1; Rope Rescues-0; Critical-3.

Average response times: In the city limits - 4 minutes, Highway 299 11-14 minutes to the furthest boundary.

- 5. Please quantify the long-term impacts of your project. This would be for the entire time period that Measure Z has funded your project.
We have been able to purchase much needed life saving equipment in our rural area (refer to #4 for equipment detail). Staff retention has improved because wages are competitive with the other local Humboldt County Ambulance services. We have also been able to keep a back up unit at the Willow Creek base in case of a break down to our first out unit or road closure due to bad weather. This assures coverage at all times. The Measure Z funds provide a stop-gap (continuation of service in the Willow Creek area) until the County of Humboldt identifies permanent recurring funding.
- 6. Describe any unanticipated impacts of receiving Measure Z funding, positive or negative, not already described above.
The funding received from Measure Z has impacted the Willow Creek area and surrounding areas including Highway 299 by providing partial funding to maintain the Willow Creek Ambulance Base in Willow Creek. In prior years of Measure Z, full funding was received to cover the cost of the Willow Creek Base. In 2019, expenses for the Willow Creek base increased resulting in a shortfall in funding for the Willow Creek base. The shortfall is currently being funded by K'ima:w Medical Center.

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.
We will continue to provide the upmost care for the Willow Creek area. If both units are transporting, Arcata is called to cover. Having worked as a Paramedic for 29 years in the Willow Creek area, the Ambulance Manager has seen many positive lifesaving outcomes due to KMC Ambulance being able to fund an Advanced Life Support (ALS) Ambulance located in the Willow Creek area. Prior to being located in Willow Creek, the average response time was 25 minutes up to an hour. Due to the Measure Z funding, the response time for motor vehicle accidents on the 299 corridor is about 11-14 minutes. We are approximately an hour and 15 minutes from a level 3 hospital. The average response for medical calls is around 4 minutes, with an hour and 15 minutes to a cardiac center. The Measure Z funding provided to the Ambulance allows us to maintain ALS coverage 24/7. This saves lives!
- 2. What overall public safety improvements has your organization seen as a result of receiving Measure Z funding?
Measure Z funding has allowed us to take up residency in the Willow Creek area 24/7. The short ETA's provide quicker response times. **We recently moved the base to a more convenient location in downtown Willow Creek.** The community is overwhelmingly grateful of our services and our concern for the well-being of the Willow Creek community. We have also been known to check on local patients from time to time. Hoopa Ambulance is no stranger to welfare checks, or personally assisting the community. Patients are not treated as numbers, but as real people with real needs. Our presence in Willow Creek also helps and supports the Sheriff's officers and the Volunteer Fire Department. It is essential that K'ima:w Medical Center Ambulance Service (Willow Creek Base) receives recurring funding.