

## QUARTERLY AND FINAL SUMMARY REPORT

### Due dates:

Quarterly reports are due one month after the end of each quarter. Quarterly reports will be based on COUNTY fiscal year quarters. The below table below shows each fiscal year quarter and the report due dates. Each agency must submit a quarterly report for each quarter in which the contract is active. The Final Summary Report is due one month after completion of the contract term.

Quarter	Dates Included	Date Report Due to County
1	July 1 through September 30	October 31
2	October 1 through December 31	January 31
3	January 1 through March 31	April 30
4	April 1 through June 30	July 31
Final Summary Report	Based on contract term	One month after term end

### Submission of reports:

All reports should be sent to the County Administrative Office using the following link:

<https://humboldt.gov/FormCenter/CAO-Forms-17/Public-Safety-Essential-Services-Tax-Qua-103>

If you are unable to submit electronically, reports may also be submitted via email or on printed copies at the below addresses:

Email:

[cao@co.humboldt.ca.us](mailto:cao@co.humboldt.ca.us)

Physical Address:

County of Humboldt  
County Administrative Office, Room 112  
825 Fifth Street  
Eureka, CA 95501



## ATTACHMENT 1 QUARTERLY AND FINAL SUMMARY REPORT

## COUNTY OF HUMBOLDT – MEASURE Z

# Report Form

Organization Name: K'ima:w Medical Center Report Date: 06/30/2022

Contact Name: Stephen Stake, 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.

Measures Z funding has given Hoopa Ambulance the opportunity to remain in the closest vicinity to the Willow Creek community, with our furthest response times within 11-14 minutes. Because of Measure Z, our average response times for motor vehicle accidents and the majority of our medical calls is approximately 4 minutes. The funds provided by Measure Z offers ambulance services that maintain ALS coverage 24/7. Providence St. Joseph Hospital are the primary trauma and cardiac centers, as a level 3 hospital. Because of Measure Z, Willow Creek medical transport is able to safely deliver patients within the Golden Hour criteria, this is a critical component of any life-threatening event that may occur. The Hoopa Ambulance unit is staffed with an ALS paramedic and EMT, with an ETA to the hospital of 1+ hour. Immediate response and properly trained paramedics are saving 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 mile marker 6.18 North on State Highway 96. The call volumes for Willow Creek: April- 18 calls; May -33 calls; June - 22 calls for a 3-month total of 73 calls. Provide the Willow Creek area with high tech equipment and a rapid response.

- 3. Who has benefited from the enhanced services.

In the Willow Creek response area, we provide ALS coverage for all areas of the community, which includes care for the elderly, visitors, business owners, and residents. We also transport patients between the two clinics that serve community members. Hoopa Ambulance covers more than 20 miles of Highway 299. The 299 corridor allows travel from I-5 to Highway 101, which is very heavily traveled, included by locals who seek work in the Redding and Eureka areas. The route is also traveled by truckers carrying merchandise as it is a highway used for business, shopping, and tourism. In the last 3 months, we have responded to 6 Motor Vehicle Accidents with injuries in the Willow Creek area. The area is fortunate to have a Trauma and Cardiac Center in Humboldt County.

Providence St. Joseph Hospital (level 3) gives us a better perspective on the Golden Hour when a Life-Threatening event occurs.

4. What difference did Measure Z funding make in our community and for the population you are serving? Please quantify the short-term impact of 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.*

K'ima:w Medical Center receives funding from Measure Z, which allows Hoopa Ambulance to maintain fully staffed ALS coverage for the Willow Creek area. The ambulance base is located in downtown Willow Creek, which provides easy access to State Highway 299. Our ambulance is now equipped with 4-wheel drive capability and are equipped with highly advanced life support machinery. This equipment includes LP-15 heart monitors, 3-12 lead EKG, 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 600 feet of rope and hardware to reach patients who have gone over the embankment quickly. Hoopa Ambulance also carries some equipment required for vehicle extrication. Additionally, we are trained and equipped with water rescue gear in the event that a river rescue is needed. Our equipment is always well maintained and in its finest working condition, or replaced.

Outcomes and Impact: Oct- Dec: Motor Vehicle Collisions: MVC-6, Critical- 1. MVC Related Death -0, OTB Rope Rescue -1; Other Injuries 4 with 0 critical. Medical calls-49 with 7 critical and 1 Deaths. Life Flighted-0 due to bad weather, unsafe for aircraft to attempt air lift. Ground transport is absolutely essential. COVID Transports-1. Average response times within city limits - 4 minutes, Highway 299 11-14 minutes to the furthest boundary of the coverage area.

- 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 lifesaving equipment in our rural area (refer to 4 for equipment detail). Being in such a rural community, it is extremely difficult to retain highly qualified EMT-1 & paramedics. With help of Measure Z funding, we are able to remain competitive with the demands of the Humboldt County job market. When Reach Life Flight and Cal-Ore Life Flight began operations in the local area, EMT and paramedic wages and benefits increased substantially. It is important that Willow Creek offer high quality EMS personnel due to volume and location. All other EMS systems are not required to carry optional scope medications, but due to limited hospital access, Willow Creek requires highly qualified EMTs and paramedics trained to administer optional scope medication for safe transport to definitive care.

We have also been able to keep a second unit at the Willow Creek base in the event of mechanical breakdown of our first unit or any unforeseeable emergency, such as road closure or adverse road conditions. Having a 2<sup>nd</sup> unit with 4x4 capabilities available allows us to strategically hand off patients in the event of a road closure. Our area is known for high altitude, unpredictable weather, and frequent power outages. The ability to place a backup ambulance with 4x4 capabilities assures EMS coverage at all times.

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

The funding received from Measure Z allows us to provide funding for the Willow Creek ALS Ambulance, high quality skilled EMT's, equipment, and housing. These funds allow us to compete with similar operations

with higher volumes by assisting with cost increases and competition with staffing. Measure Z and Willow Creeks ambulance services make quick response times possible.

## 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 best care for the Willow Creek area. If both units are transporting, Arcata is called to cover. Having worked as a Paramedic for 30 years in the Willow Creek area. I have seen many positive lifesaving outcomes due to Hoopa 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 Ambulance average response time was 25 minutes up to an hour, longer specially if there was any road closure. Due to the Measure Z funding, and being located in the willow Creek area the responses are much quicker, motor vehicle accidents on the 299 corridors are now around 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. The community is overwhelmingly grateful for 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 would be greatly appreciated if the Hoopa Ambulance was placed on continuous funding allowing us to maintain the excellent care that Hoopa Ambulance provides to the Willow Creek community.

Over the last 6 months we have most of our equipment up dated. This includes low angle rescue Equipment, a new LP 15 heart monitor, GPS to help locate. **Our New GSA Ambulance unit arrived.** Hoopa Ambulance will be having more ACL classes including ACLS, PALS, PHTLS, low Rescue Training. EMT-1 and Paramedic Wage increase. Our staff is required to maintain essential CE/training hours every 2 years. Willow creek Ambulance has been approved and up dated our optional scope of practice medication that are approved for our rural out lying area.

North Coast EMS has approved a new Trauma medication TXA. Hoopa Ambulance is in the process of carrying the lifesaving drug. TXA is an IV administered clotting medication. Our rural area will greatly benefit from the impact that this Medication will have on traumatic injured patients. We are awaiting 2 other meds that will benefit our out-lying area.

Covid -19- We are still taking great precaution in protecting the community and the EMS crew. Even though a high number of community residents have been vaccinated there is a new strain and the individuals that has not received the vaccination can get it from exposure. To protect every one we are wearing gloves, N-95, constant hand cleaning Face shields, full isolated zip up suits, newly purchased Respirators and disinfecting sanitizer steamer, we use a strong Decontaminant cleaner. This is used after every call.

My EMS crew has been great through all of this high stress difficult times. I am proud of them. We are able to fully staff our ALS units, 24/7. Our entire staff is fully vaccinated with their Buster shot. The Ambulance has the means of self-testing at the Ambulance. The Rapid test insure the EMS crew is not passing on the Virus to our Patients. We are operating under the local CVC guidelines.

/ Cal-ore / Reach moved into the coastal area, this has increased wages up considerably along with better benefits. Willow creek is needing to compete with the higher wages and with the increase. Due to the local economy, the other Ambulance services are offering a higher Pay, due to Fuel cost and wear and tear on the paramedic/EMT-1 vehicle is pulling employees to the other ambulance services. It is becoming a challenge to keep quality paramedic in our area, Willow creek needs to meet the financial and benefits increase. high quality EMS personnel is essential to maintain high quality of care for the long transports, in our extended transporting area.

Due to the current economy, we are experiencing higher cost this includes Ambulance rentals increase cost for mileage. 02, medical supplies etc.

KMC is no longer able to restock supplies that are used on the transfers to MRCH Patient as a free gratis. Mad river community hospital is charging a restock cost to 20 % over cost, they are also experiencing long delays in receiving needed supplies. We are Ordering our own supplies and stocking our willow creek base.

Hoopla Ambulance is always looking for improving care and critical outcomes in our rural area,

Thanks for supporting us,