SONOMA COUNTY CIVIL GRAND JURY 2017 2018 PED

DATE 5/29/18 BY ASADUS

SONOMA COUNTY CIVIL GRAND JURY 2017-2018 REPORT 1 2 3 The Evacuation and Sheltering of Animals 4 During the Firestorm of October 2017 5 6 7 **SUMMARY** 8 In October of 2017 the citizens of Sonoma County watched in horror as large swaths of our 9 community burned. News reports highlighted the terrifying evacuations and escapes of many 10 households. Additional news reports, town hall meetings, government and community agencies 11 continue to highlight the struggles of the families who lost everything and the almost 12 incomprehensible task of rebuilding homes and lives in the face of such devastation. 13 There has been less reporting on the plight of companion and other animals that were also 14 impacted by the firestorm. Hundreds were evacuated and sheltered during the fires. The Civil 15 Grand Jury chose to investigate how these events unfolded and report on the effectiveness of 16 the planning, preparedness and implementation of animal disaster response. 17 For this report, the Civil Grand Jury studied the evacuation and sheltering of small companion 18 animals and horses in Santa Rosa and the surrounding rural area. Other communities 19 throughout Sonoma County also faced the challenge of safely evacuating their animals and we 20 acknowledge their efforts and successes. Unfortunately, it is not possible to know the total 21 number of pets and large animals that died during the firestorm. 22 The Civil Grand Jury investigation focused on Sonoma County Animal Services, a division of the 23 County's Department of Health Services; and the Sonoma County Event Center at the 24 Fairgrounds, a quasi-governmental agency; and their respective roles during the firestorm. The 25 investigation also considered the roles of mutual aid responders, non-governmental animal 26 organizations including the Humane Society of Sonoma County, the Sonoma County Horse 27 Council, the American Society for the Prevention of Cruelty to Animals, the California Veterinary 28 Medical Association and many dedicated community volunteers. The Civil Grand Jury recognizes 29 that staff and volunteers responded heroically to the call to action and provided critical 30 resources during the emergency. Many worked tirelessly throughout the fires to ensure that as 31 many animals as possible could be brought to safety. 32 The investigation uncovered some deficits. The Fairgrounds had no disaster plan or staff disaster 33 preparedness training in place prior to the firestorm, and this led to some confusion and 34 disorder in the early phase of the animal sheltering operation. Animal Services was well-35 prepared for most emergencies but lacked some critical resources, including an adequate 36 alternative source of power, fire protection equipment, and functioning radios for mutual aid 37 staff. Additionally, the structure of the County Emergency Operations Center and the related 38 Health Services Department Operations Center created inefficiencies in Animal Service's ability 39 to respond.

- 40 The County lacks a comprehensive animal emergency response plan that identifies a lead
- 41 department to coordinate the response to an emergency. Following the fires, Animal Services,
- 42 the Fairgrounds and several non-governmental animal organizations have begun to develop
- 43 formal protocols for a county-wide animal disaster response. Dedicating staff time and financial
- 44 resources to animal disaster preparedness through planning, training and practice are essential
- 45 elements in preparing for the next emergency.

46

47

# **GLOSSARY**

48	GLOSSARY			
49	<i>Acronyms</i>			
50	DHS	Department of Health Services, County		
51	AERP	Animal Emergency Response Plan		
52	EOC	County Emergency Operations Center		
53	DOC	Department of Health Services Emergency Operations Center		
54	EOP	County Emergency Operations Plan		
55	SEMS	Standardized Emergency Management System		
56	NIMS	National Incident Management System		
57	CVMA	California Veterinary Medical Association		
58	CEO	Chief Executive Officer		
59	MAC	Mobile Animal Clinic		
60	FEMA	Federal Emergency Management Agency		
61	ICS	Incident Command System; also name of FEMA disaster training courses		
62	MOU	Memorandum of Understanding		

63

64

# BACKGROUND

- This is a self-initiated investigation by the 2017-2018 Civil Grand Jury.
- The safety and value of animals warrant attention and response during an emergency. Animals
- 67 play a significant role in the quality of life in Sonoma County, providing both companionship and
- 68 income to their owners. Animal owners as a population are at greater risk during an emergency,
- 69 as they often will not evacuate unless their animals can leave with them. A study of risk factors
- 70 for "evacuation failure" was conducted and reported in 2001 for Yuba County, California,
- 71 following a flooding emergency. It found that the risk of evacuation failure increases with
- 72 increasing numbers of pets.

73 74 75 "Particularly relevant to the evacuation of pet owners is the strength of the human-animal bond, the perceived risk to the

owners and their pets, the time and resources needed to evacuate

animals, and facilities for the housing of evacuated animals...If

77 owners anticipate being separated from their pets or being turned

78 79 80	away from public shelters because of their pets, they may refuse to evacuateThe more pets a household owned, the higher the risk of household evacuation failure
81 82	A 2014 report by Sonoma State University conducted for the Sonoma County Horse Council stated:
83 84 85 86 87 88 89	"Sonoma County is home to 26,000 equines. The equine industry generates \$613 million annually for Sonoma County businesses, supports over 7,700 jobs, and provides over \$11 million in annual local tax revenues for Sonoma County governments from direct spending on equine ownership totaling \$464 million. There are ripple effects on Sonoma County that add to the equine industry's local economic footprint."  METHODOLOGY
91	The Civil Grand Jury interviewed representatives from the following organizations:
92 93 94 95 96 97 98 99 100 101 102	<ul> <li>Sonoma County Animal Services</li> <li>Sonoma County Events Center at the Fairgrounds</li> <li>Sonoma County Department of Health Services</li> <li>City of Sonoma</li> <li>Sonoma County Horse Council — A non-profit organization founded in 1993 to promote the health and well-being of horses, and to support horse-related activities in Sonoma County.</li> <li>Humane Society of Sonoma County — Founded in 1931, "[a] locally-founded, donor-supported non-profit organization dedicated to bringing people and companion animals together."</li> <li>Private citizens</li> <li>Newspaper articles, web articles, radio shows, and other public media</li> </ul>
104	Additional organizations researched included:
105 106 107 108 109	<ul> <li>California Veterinary Medical Association – One of the largest veterinary medical associations in the nation. Founded in 1888, it is based in San Francisco. Their Medical Reserve Corps is a volunteer group of veterinarians that responds to requests for help with animals when disasters strike.</li> </ul>
110 111 112	<ul> <li>American Society for Prevention of Cruelty to Animals – A national non-profit organization, founded in 1866 on the belief that animals are entitled to kind and respectful treatment from humans, and protection under the law.</li> </ul>
113 114	<ul> <li>Forgotten Felines – A local non-profit organization dedicated to protecting and improving the lives of feral cats.</li> </ul>

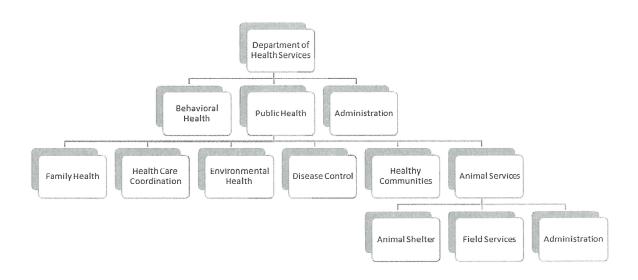
### DISCUSSION

115

116

### SONOMA COUNTY ANIMAL SERVICES

117 The Sonoma County Department of Health Services (DHS) is comprised of three major divisions: 118 Behavioral Health, Public Health and Administration. The Public Health Division oversees six 119 separate programs, one being Animal Services. Services are provided over a large geographical 120 area, including all unincorporated areas of the County, and through contracts with the City of 121 Santa Rosa and Town of Windsor. The annual budget for 2017-18 was \$6.5 million, with the 122 majority of the funds allocated from the County General Fund. Animal Services accepts 123 community donations of cash and materials, which can be used to supplement their budget and 124 help cover costs.



125

126

Figure 1 – A portion of the 2017 Sonoma County Department of Health Services Organizational Structure

127 128

129

130

131

132

133

134

135

Animal Services is divided into three operational units: the Field Services Division, the Animal Shelter, and Administration. When Animal Services was first established, there were two field supervisors to administer the Field Services Division. Following a county reorganization in 2010, Animal Services was transferred from the county Department of Agriculture to the Department of Health Services (Figure 1). At that time one field supervisor position was eliminated. During the fires, there were thirty-five full-time staff positions budgeted but only thirty-one staff members available to respond during the firestorm. The department is left short-handed when there are vacancies, vacations, or medical leave because there are no replacement staff.

136 Emergency Planning and Training

137 Animal Services was well-prepared for most emergencies. They had a disaster response plan in

place, called the Animal Care and Control Division Animal Emergency Response Plan for Official

139 Declared Emergencies (AERP), dated December, 2011. This Plan has been revised periodically

over the years as Animal Services gained further experience through their participation in

various emergency responses such as the Valley Fire in Lake County in 2015, and the periodic

floods on the lower Russian River, most recently in 2016.

Sonoma County Animal Services was also in the process of developing an Animals in Disaster

144 Service Worker Volunteer Program intended to support Sonoma County by coordinating non-

145 governmental organizations and the private business sector to build, sustain and improve the

capability to prepare for, respond to, and recover from natural or man-made disasters that

147 affect animals.

138

152

169

170171

172

173

174

175

176

177

178

In addition to the AERP, Animal Services contracted with a consultant from UC Davis to assist in developing an addendum to the County Emergency Operations Plan (EOP) titled *Animals in* 

150 Disaster Response Plan, an "Annex" to the EOP. The document was in an updated draft form

and, although not formally approved, was successfully implemented during the firestorm. Its

purpose is to assist local jurisdictions in planning for animal evacuation and sheltering before

disasters happen in the County. It would standardize protocols and practices throughout

Sonoma County government, direct the overall coordination of resources, and identify key

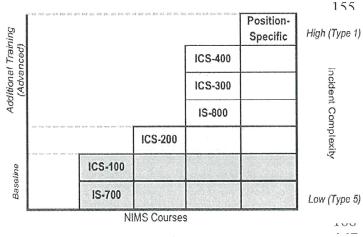


Figure 2-ICS Training Levels

players and resources. It would also ensure consistency with the Standardized Emergency Management System (SEMS) and the National Incident Management System (NIMS), used nationwide for disaster planning. Completion of the *Annex* is expected by the end of 2018.

The Animal Services management was fully trained and experienced in emergency response. Managers had completed the "Introduction to NIMS" and "Introduction to the Incident Command System" courses (IS-700 and

ICS-100,) offered by the Federal Emergency Management Agency (FEMA), and more advanced FEMA courses as well (Fig. 2). Many line staff were not yet fully trained. With no official time set aside for them to attend ICS training classes, staff is left to find the time in the midst of their regular duties, or do it on their own time. As part of the annual county training, Animal Services participates in the Great California Shake-Out Earthquake Drills, held state-wide every October 18.

Field Officers carry additional responsibilities and often work in conjunction with law enforcement and firefighters when responding to service calls. Under section 830.9 of the Penal Code, "Animal control officers are not peace officers but may exercise the powers of arrest of a peace officer as specified in Section 836 and the power to serve warrants as specified in Sections

179 180	1523 and 1530" including the use of firearms. Specialty training for these powers is required for the Field Officers.						
181	SONOMA COUNTY EVENT CENTER AT THE FAIRGROUNDS						
182 183 184 185 186 187 188 189 190	The Sonoma County Event Center at the Fairgrounds (Fairgrounds) is a 501(c) (3) non-profit event business, and is also a quasi-governmental agency. The Fairgrounds receives no funding from the County to operate and maintain the property. Instead, revenues come from building and grounds rentals, as well as parking fees and food and beverage sales, from the County Fair and other events. The organization is governed by a fifteen-member Board of Directors appointed by the Sonoma County Board of Supervisors, with twenty-seven full-time staff headed by a Chief Executive Officer (CEO). The CEO reports to the Fairgrounds Board of Director and works with the County's General Services Department. There are approximately thirty temporary workers, but during the Sonoma County Fair as many as 600 temporary staff are hired.						
192	Emergency Planning and Training						
193 194 195 196 197	The Fairgrounds is in the event business, and they responded to the evacuation and sheltering of animal as a large event. Their staff frequently deals with animals through agriculture-related events such as FFA and 4-H activities, the County Fair, and horse racing. They commonly deal with large crowds, and can quickly set up and remove the contents of large buildings. However, Fairgrounds staff do not generally play an active role in the care of animals.						
198 199 200 201 202 203	Although there had been attempts in the past to develop a written emergency plan, the Fairgrounds did not have one when the fires struck, and there was no requirement for emergency training for the staff. Additionally, the Fairgrounds did not have a formal plan for the evacuation of the Fairgrounds' site itself, should it be threatened or damaged in an emergency, nor was there a formal plan identifying alternative evacuation sites for animals should the Fairgrounds be unavailable during a disaster.						
204 205	THE EMERGENCY RESPONSE						
206 207 208	"Where are we supposed to go with all our animals?  Have they opened the Fairgrounds?"						
209 210 211	911 Caller to REDCOM at 10:45 pm on October 8, 2017						
212 213	<u>Animal Services</u>						
214 215 216 217	The staff began to arrive around 1:00 a.m. on October 9 as the Tubbs Fire advanced within two miles of the Animal Services facility on Airport Boulevard. The county-issued phones and computers were not working due to the power outage caused by the firestorm. This limited the amount of information immediately available.						

- There were ninety animals housed at the Animal Services shelter facility the night the firestorm
- 219 broke out. The staff took action to prepare these animals for transfer since an unknown number
- of animals would soon arrive. Using their personal cell phones, which worked intermittently, the
- staff contacted shelters in nearby counties that quickly responded. All animals that could be
- 222 moved were safely transported out of the area without issue.
- 223 The shelter employees worked out of their cars and service trucks, or sat at outdoor tables.
- 224 Staff used personal cell phones that were charged in their cars. Animal Services had a "disaster
- trailer" for use in the field during emergencies, and it contained a small generator that they
- could use. It was designed to power a small trailer and could only produce enough energy to
- allow the shelter workers to function. It would take three days to get a sufficiently powerful
- 228 generator brought in and full power restored. Power to the area would not be restored by PG&E
- 229 until the following week.
- 230 Animal Services Field Officers had communication with law enforcement and fire personnel
- through their county-issued radios. During the first two days, the Sheriff and Fire Departments
- 232 along with the County Emergency Operations Center (EOC) passed along the service requests for
- 233 Animal Services assistance. On normal service calls, Field Officers are at risk for accident or
- 234 injury from animals. During the October firestorm, field officers were escorted behind the fire
- 235 lines by law enforcement without the protection of fire safety gear to perform various rescues.
- Normal operations would typically have thirty to fifty calls a day, but by the third day of the
- 237 firestorm Animal Services was receiving over 300 calls a day. From October 10 to November 10
- 238 the total number was over 3,600 calls, compared to 1,700 calls during the same period in 2016.
- 239 From the first day of the firestorm, the shelter was open twenty-four hours a day.
- 240 The Animal Services Field Officers received an increasing number of requests to conduct welfare
- checks on animals that had been left behind in evacuated areas as it was safer for the animals to
- shelter in place. Food (provided by donations) and water were transported to the evacuated
- 243 homes, rural barns and pastures. Because of limited space at the Animal Services' shelter to
- store the donations, the County Department of Agriculture/Weights & Measures opened their
- 245 nearby building for use. The close proximity of the building and supplies proved to be an
- invaluable asset to the rapid response of the Field Officers.
- 247 The County Emergency Operations Center was activated at midnight on October 9 and Animal
- 248 Services initially reported to this command center. However, when the Department of Health
- 249 Services' (DHS) emergency response activities are too large or complex to be managed at the
- 250 County Emergency Operations Center (EOC), DHS opens a Department Operations Center (DOC)
- 251 to coordinate their department's response. This process was begun in the early hours of
- October 9, and staff began to arrive at approximately 6:00 am.
- 253 Animal Services was required to report to the DOC and lost direct access to the EOC. The change
- 254 in reporting structure added difficulty in receiving up-to-date information, delayed resource
- 255 requests during these critical hours, and slowed or impeded Animal Services' emergency
- 256 response
- 257 This organizational structure complicated Animal Services' emergency response in a few ways:

- The additional layer of review that all Animal Services resource requests had to go through led to misunderstandings. Clarity and urgency were lost, and some requests went unfilled.
  - Equipment and supply needs could not be ordered directly or purchased nearby; requests were forwarded to Department of Health Services to do the ordering. This led to delays both in ordering and delivery. Items were often delivered to the Department of Health Services office and had to then be transported to Animal Services.
  - The 2014 Department of Health Services *Emergency Action Plan* did not address Animal Services. However, there was a Site-Specific Addendum that adds the Animal Services physical plant facility and staff but contains no direction for field personnel or evacuation of animals other than if there is a fire in the building.
  - All DOC members are required to take the ICS training classes offered through FEMA. At the time of the firestorm, more than half of the DOC members had not completed this training.

## The Fairgrounds

261

262

263

264

265

266267

268

269

270271

272

273274

275

276

277

278

279280

281

282283

284

285

The 2017 Harvest Fair had just ended on Sunday evening, October 8. The staff and workers at the Fairgrounds had disassembled the exhibits in both Finley Hall and Grace Pavilion. On October 9, 2017 at 12:30 am the Fairgrounds received a phone call from an official in Napa County seeking stall space for horses being evacuated from a growing fire in Napa County. The CEO agreed to open the stall area and accept the animals.

At 2:00 am County General Services relayed a request from the Emergency Operations Center to open the Fairgrounds for animals being evacuated from the wildfires spreading through Sonoma County. The Fairgrounds management called in all available staff. The Fairgrounds staff prepares and maintains the facilities but do not generally have a direct role in the care of animals. However, the Fairgrounds management and staff were responsive to the needs of the owners and volunteers who cared for the animals.

Following the emergency notification, Fairgrounds management made sure the gates were open for the arrival of animals. Aston Gate #7 at the south end of the Fairgrounds was the entry point

for animals, as well as the large firefighting and support vehicles. Beginning around midnight on

the first night of the fire, evacuated animals of all kinds began to arrive. The majority were

290 horses, but alpacas, donkeys, goats, chickens, llamas, sheep, rabbits and cattle also arrived. The

 $291\,$   $\,$  initial chaos threatened to make the Gate a chokepoint.

Record keeping of horse and owner consisted of strips of duct tape placed on the animal with a scrawled name and phone number. Owners and volunteers with horse trailers courageously

 $294 \quad \text{evacuated animals, some making multiple trips to the fire-threatened areas as the calls for help} \\$ 

came in. Social media, phone and text trees, and email were all utilized to best identify where

296 horses needed to be moved.

During the early chaos on Monday morning, volunteers from the Sonoma County Horse Council took over the admission of horses. The Council remained in this leadership role throughout the firestorm. Intake of other animals, large and small, was handled by other non-governmental organizations with assistance from Fairgrounds volunteers and temporary staff.

Initially, evacuees were temporarily able to keep their family pets close by while staying at the Fairgrounds. However, American Red Cross policy forbids pets in most shelters. When the Red Cross took over operations in Grace Pavilion, no pets were allowed in the facility. Small animals were moved to Finley Hall, which was designated as a shelter for people with pets. The Animal Services Mobile Animal Clinic (MAC) and Forgotten Felines MAC were parked by the Veterans Building. The pets housed in the MACs could be visited by their families staying at the Fairground's shelter.

Animal Services Field Officers were sent to various shelters to assess the animal need. Upon arrival, veterinarians from the California Veterinary Medical Association were dispatched to the Fairgrounds and other shelter sites to assist with animal care. Businesses and community members donated more than sufficient amounts of animal feed, bedding and other supplies.

The Fairgrounds staff had radios, which remained in operation. Cell service, as at the Animal Shelter, was intermittent to nonexistent, largely due to loss of cell towers. By the fourth day of the firestorm, a temporary cell tower had been erected and full service was restored. The Fairgrounds never lost power.

# 317 Mutual Aid

308

309

310

311

312

313

314

315

316

318319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

Animal Services called for Mutual Aid on Tuesday, October 10. The first mutual aid agencies to arrive came from Marin County and the City of Petaluma that same day. Among the mutual aid agencies that quickly responded to the call were the animal agencies of Alameda, Lake, and San Mateo counties; and the cities of Modesto, Palo Alto, Petaluma, Pleasanton, Rohnert Park, and San Francisco.

Mutual aid responders provided much-needed assistance in the field, although Animal Services scheduled them for day shifts only. Based on their experience fighting the Valley Fire, Animal Services believed it was unsafe to ask Mutual Aid personnel to provide coverage at night due to the destruction of many street signs, lights and landmarks plus an insufficient knowledge of the geographic area. Animal Services Field Officers were able to communicate with law enforcement and fire personnel through their county-issued radios. However, when Animal Services picked up a bank of additional radios for Mutual Aid staff from the Sheriff's Department, the radios were not operational. This

DEL NORTE HUMBOLDT Governor's Office of Emergency Services Coastal MENDOCINO Region LAKE Mutual Aid Region 2 NAPA SOLANO SONOMA CONTRA MARIN SAN ALAMEDA FRANCISCO SANTA CLARA SAN MATEO SAN BENITO SANTA CRUZ MONTEREY

Figure 3Mutual Aid Coastal Region

complicated communication even further.

339 340	Animal Organizations, Community Volunteers, and Donations				
341 342 343 344	Early on, Animal Services realized that they would need as much assistance as they could get, and reached out to other animal organizations. In spite of the fact that there were no Memoranda of Understanding or formal plans for collaboration, these organizations responded without hesitation.				
345 346 347 348 349 350 351 352	Animal Services first contacted the Humane Society of Sonoma County at 5:30 am that Monday. Upon learning of the firestorm, the California Veterinary Medical Association (CVMA), contacted Animal Services to have them officially request CVMA help. Once requested, CVMA dispatched their Medical Reserve Corps of at least thirty veterinarians. The CVMA veterinarians came on a rotating basis to set up and operate an emergency medical facility where injured pets could be treated. The National American Society for the Prevention of Cruelty to Animals dispatched their Mobile Animal Clinic (MAC) which consisted of a tractor-trailer and twelve staff. This MAC was parked near the animal shelter at the Sonoma County Airport.				
353 354 355 356 357	The Humane Society of Sonoma County was a critical local resource. Animal Services first reached out to the Humane Society on Monday, October 9 as part of their effort to resettle the shelter animals to make space for evacuated animals. The non-profit agency aided Animal Services by administration of a website for over 600 lost and found pets. The Humane Society shelter received a total of 124 animals, including transfers, surrenders and strays.				
358 359 360 361	One species requiring special evacuation and care were hobby and decorative fish. Animal Services reached out to the koi community and they responded with volunteers, instructions, feeding and six 350-gallon tanks. UC Davis provided help in catching, transporting and treatment. The rescued fish were housed in the nearby Weights and Measures building.				
362 363 364 365 366	Local businesses, animal organizations, and community members donated more than 50,000 pounds of pet food as well as medical and other supplies for the care and sheltering of the animals. Animal Services estimated that more than \$250,000 in cash donations also came in during the firestorm. The Fairgrounds also received generous donations of food and equipment for the sheltered horses and other animals.				
367	COLLABORATION AND DEDICATION TO SUCCESS				
368 369 370 371 372	Almost every animal brought to the Animal Shelter was returned to the owner; only a few pets died from their injuries while being sheltered. By a month after the firestorm, Animal Services had returned to normal. A total of forty mutual aid personnel had come to assist Animal Services. Marin County, which was the first agency to respond to the initial mutual aid call, was also the last to leave on October 31.				
373 374 375 376	The Fairgrounds sheltering operation was closed on October 23 as the number of large animals dwindled. In total, the Fairgrounds had sheltered approximately 500 evacuated large animals, 300 of which were horses. Small animals and pets had been housed in numerous shelters serviced by Animal Services, including forty to fifty dogs and cats at the Veterans Building				

shelter, sixty to eighty at the Finley Building at the Fairgrounds, and forty to fifty at the Finley Center on College Avenue.

Horses and other large animals at the Fairgrounds were returned to their homes after the danger passed. However, many barns and fences were destroyed, resulting in some animals being moved to locations away from the fires, such as west Sonoma County and Marin.

The investigation uncovered some deficits in the animal emergency response planning and preparedness that could have informed a more cohesive and perhaps more successful response to the fires. In spite of this, Animal Services, the Fairgrounds, the dedicated community organizations and countless volunteers came together through their collaborative efforts to save and shelter animals. Their rapid and often heroic contributions made a difference.

### WHAT'S NEXT

Some non-governmental organizations provided extensive and critical support to the evacuation and sheltering of animals. However, reimbursement for their services may be more complicated because no Memoranda of Understanding (MOU) between the government agencies and non-governmental organizations were in place prior to a disaster.

"Pre-disaster planning should place a high priority on facilitating pet evacuation through pre-disaster education of pet owners and emergency management personnel."

# Yuba County, California Report 2001

 Prior to the October fires there had been some preliminary discussions between County Emergency Services, the Fairgrounds and the Sonoma County Horse Council regarding animal evacuations. Since then, Animal Services has been working with the Fairgrounds and other animal shelter and rescue organizations to create a defined team of responders for animal evacuations as well as some additional protocol. Projected goals include providing training to Fairgrounds staff on the care and sheltering of large numbers of animals during an emergency; developing Memoranda of Understanding with non-governmental animal shelter and rescue organizations; and providing the *Animals in Disaster Service Worker Volunteer Program* training. Animal Services budget constraints may limit their ability to fully respond when faced with the next emergency or disaster, which is sure to come.

Health Services is working to implement a new tracking system to ensure that mandatory Incident Command System training is completed by all appropriate Department Operations Center staff and managers. A trained, certified and organized pool of local volunteers and staff is critical, especially before Mutual Aid can respond.

### FINDINGS

419 420 421 422 423	F1.	The County of Sonoma lacks a comprehensive animal emergency response plan that identifies Animal Services as lead department to coordinate the response to the emergency. The Animals in Disaster Response Plan; an Annex to the Emergency Operations Plan of Animal Services was intended to accomplish this, was in revised draft form at the time of the firestorm, and was implemented effectively.	
424 425 426	F2.	The lack of an alternative power source at the Animal Services facilities, and the malfunction of radios for the use by mutual aid agencies, hampered communication at operations throughout the emergency.	
427 428 429 430	F3.	Animal Services' emergency response was hindered by its assignment to Health Services' Department Operations Center instead of the County Emergency Operations Center. The Department of Health Services lacked a plan to ensure that Department Operations Center members completed the required Incident Command Center training	
431 432	F4.	The lack of a formalized Emergency Response Plan and training for the Fairgrounds led to some confusion and disorder in the early phase of the animal sheltering operation.	
433 434	F5.	Without formal Memoranda of Understanding between the County and non- governmental organizations, reimbursement of costs by FEMA may be more difficult.	
435 436 437 438 439	F6.	Following the firestorm, Animal Services, the Fairgrounds, and non-governmental agencies have begun to develop formal protocols for animal disaster response, including alternate animal evacuation sites should the Fairgrounds be unavailable. Animal Services has plans to improve the volunteer program to train and certify animal disasters volunteers which will enhance animal rescue capabilities.	
440 441 442 443 444	F7.	Animal Services is a first responder that operates 24 hours a day, 7 days per week, works in conjunction with law enforcement, and exercises the powers listed under California Penal Code 830.9 including the use of firearms. Animal Services management was fully trained and experienced in emergency response, but much of Animal Services staff lacks Incident Command System training.	
445	RECO	DIMMENDATIONS	
446	The Sonoma County Civil Grand Jury recommends that:		
447 448 449 450	R1.	The Board of Supervisors designate Animal Services as the lead agency for Animal Emergency Planning and Response for Sonoma County, and the County Administrator assign an Animal Services representative to the Emergency Operations Center, by December 31, 2018. (F1, F3)	

451 452 453	R2.		Ith Services Director ensure that Animal Services has adequate nunication equipment available for emergency use by December		
454 455 456	R3.	Annex to the (County) E	ector finalize both the draft <i>Animals in Disaster Response Plan; an</i> mergency Operations Plan and the draft Animals in Disaster er Program by December 31, 2018. (F1, F6)		
457 458 459	R4.	The Board of Supervisors and the County Administrator implement an emerger response and training plan for the Fairgrounds, including annual disaster training regular and temporary staff, by December 31, 2018. (F4)			
460 461 462	R5.	•	rs and the County Administrator enter into Memoranda of n-governmental organizations that play a role in animal disaster ber 31, 2018. (F5)		
463 464 465 466 467	R6.	require that all field offi with an emphasis on an Services ensure that all	ald be enforced by ensuring that the Animal Services Director icers complete Incident Command System and fire safety courses imal emergencies, and the Director of the Department of Health Department Operations Center members complete the mmand System, by December 31, 2018. (F3)		
468 469 470 471	R7.	Animal Services under t	rs and County Administrator analyze the current placement of he Department of Health Services, and determine if Animal signed to an agency that operates 24 hours a day, by December		
472	REQUIRED RESPONSES				
473	Pursuant to Penal Code section 933.05, the Civil Grand Jury requires responses as follows:				
474	R1, R4, R5, R7		Sonoma County Board of Supervisors		
475	R1, R4, R5, R7		Sonoma County Administrator		
476	R2, R6		Sonoma County Department of Health Services Director		
477	R3, R6		Sonoma County Animal Services Director		
478 479 480	The governing bodies indicated above should be aware that the comment or response of the governing body must be conducted subject to the notice, agenda and open meeting requirements of the Brown Act.				
481	BIBLIOGRAPHY				

- Sonoma State University June 2014 "The Economic Impact Of Equestrian Activities In Sonoma County, Center for Regional Economic Analysis, School of Business and Economics"
- American pet products.org\press industries trends.aft: 2017 "American Pet Products Association Biennial Pet Owners Survey, Pet Industry Size & Ownership Statistics"
- American Journal of Epidemiology April 2001 "Human and Pet-related Risk Factors for Household Evacuation Failure During a Natural Disaster"
- Sonoma County Animal Services, December 2017 "Animals in Disaster Response Plan—An annex to the Emergency Operations Plan"
- Disaster Research Center at University of Delaware: 1998 "Major Criteria For Judging Disaster Planning & Managing & Their Applicability In Developing Societies"
- Sonoma County Department of Health Services: 2014 "Emergency Action Plan"
- Sonoma County Department of Health Services: 2017 "Organization Chart"
- Sonoma County Animal Services: 2011 "Animal Emergency Response Plan Rev-1"
- Sonoma County Animal Services: "Budget 2016-2017"; Budget 2017-2018"
- Sonoma County Animal Services: February 2018 "Total Calls Per Date and Hour"
- Sonoma County Animal Services: 2016 "Memorandum of Understanding with American Red Cross"
- Sonoma County Department of Health Services: 4/24/2018 "DHS Disaster Completion Tracking-DOC
- Governmentjobs.com/careers/Sonoma/classpecs: 2017 "Animal Services Field Officer 1811"
- Sonoma-county/grancieus.com/pd: October 2014 "Sonoma County Operational Area -Emergency Operations - Draft"
- Sonoma County Board of Supervisor: October 24, 2017 Meeting Agenda Item Summary Report: Mutual Assistance Agreement
- Sonoma County Civil Grand Jury: 2007 Final Report "Sonoma County Employees -Waiting to Be Trained for Disaster"
- Sonoma County Civil Grand Jury: Final Report 2004-2005, "A Disaster Waiting to Happen"
- California Penal Code: Chapter 4.5. Peace Officers [830-832.18]; Stats 1968, Ch. 1222; Sections 836, 1523, 1530
- Sonoma-county.org: September 2013 "DSW/Emergency Management Training"
- Sonoma County Horse Council: December 2017 "The Horse Journal Winter 2018",
- Sonoma County Humane Society: December 2014 "Basic Emergency Operations Plan -Rev 4"
- Dr. Ted Stashak, DVM, February 2018 "SCH Experience: Large Animals Evacuation Center Sonoma County-Fairgrounds"
- KQED Radio: October 8, 2017 911 Caller to REDCOM

482

483 484 Reports issued by the Civil Grand Jury do not identify individuals interviewed. Penal Code Section 929 requires that reports of the Grand Jury not contain the name of any person or facts leading to the identity of any person who provides information to the Civil Grand Jury.