#### Santa Rosa Response and Recovery from 2017 Fires

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## Santa Rosa Water

 Provide water and sewer service to 175k customers in Santa Rosa

(45)

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- Provide regional wastewater treatment for 213,000+ customers
- Maintain over 1,200 miles of water and sewer pipe
- Storm water and flood control
- Annual budget—\$175 million
- Staff of 250



#### **The Fires**



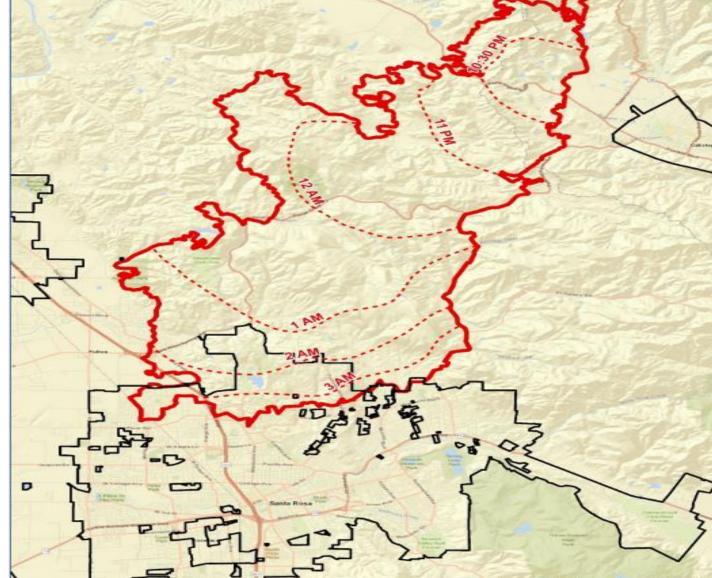


#### Tubbs Fire

- Fire estimated to have spread 12 miles in the first three hours
- Increased in intensity when the fire started consuming the structures in the Fountaingrove neighborhood

OUR FUTURE IN EVERY DROP





Sources: Esn, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esn Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), Mapmylindia,

## Fire Statistics

The most destructive fire in California history in 2017

- 42 Fatalities
- 36,000 Acres burned
- 5612 Structures lost
- \$14.5 Billion in losses
- 10,000 firefighters





# Countless heroes and heroic efforts by City staff





#### The Iconic Round Barn



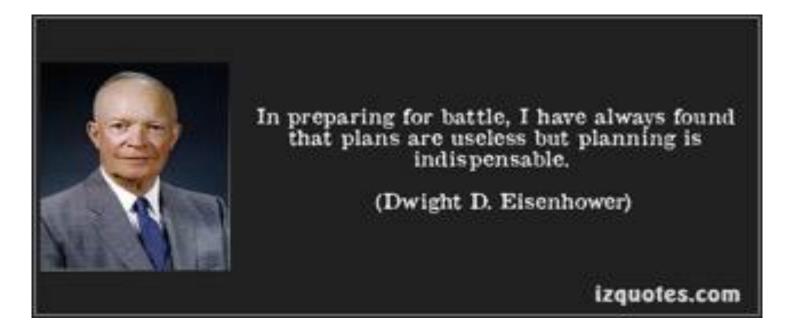
#### **Kmart Complex**















## Fire Response – Key Lessons Learned

- Communication
- Plan/process for adaptively managing your response plan
- Fatigue
- Basis of internal assignments
- Mutual Aid
- FEMA processes



#### Damaged Infrastructure FEMA Assistance









## The Recovery

- Debris cleanup
- Update fiscal plan with loss of revenue stream
- Rebuild coordination with customers
- Rebuild damaged infrastructure



## **Rebuilding with FEMA Assistance**





