

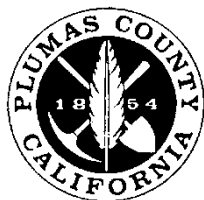
# Environmental Health 2019 Annual Report



If you can SEE it, SMELL it, TASTE it...



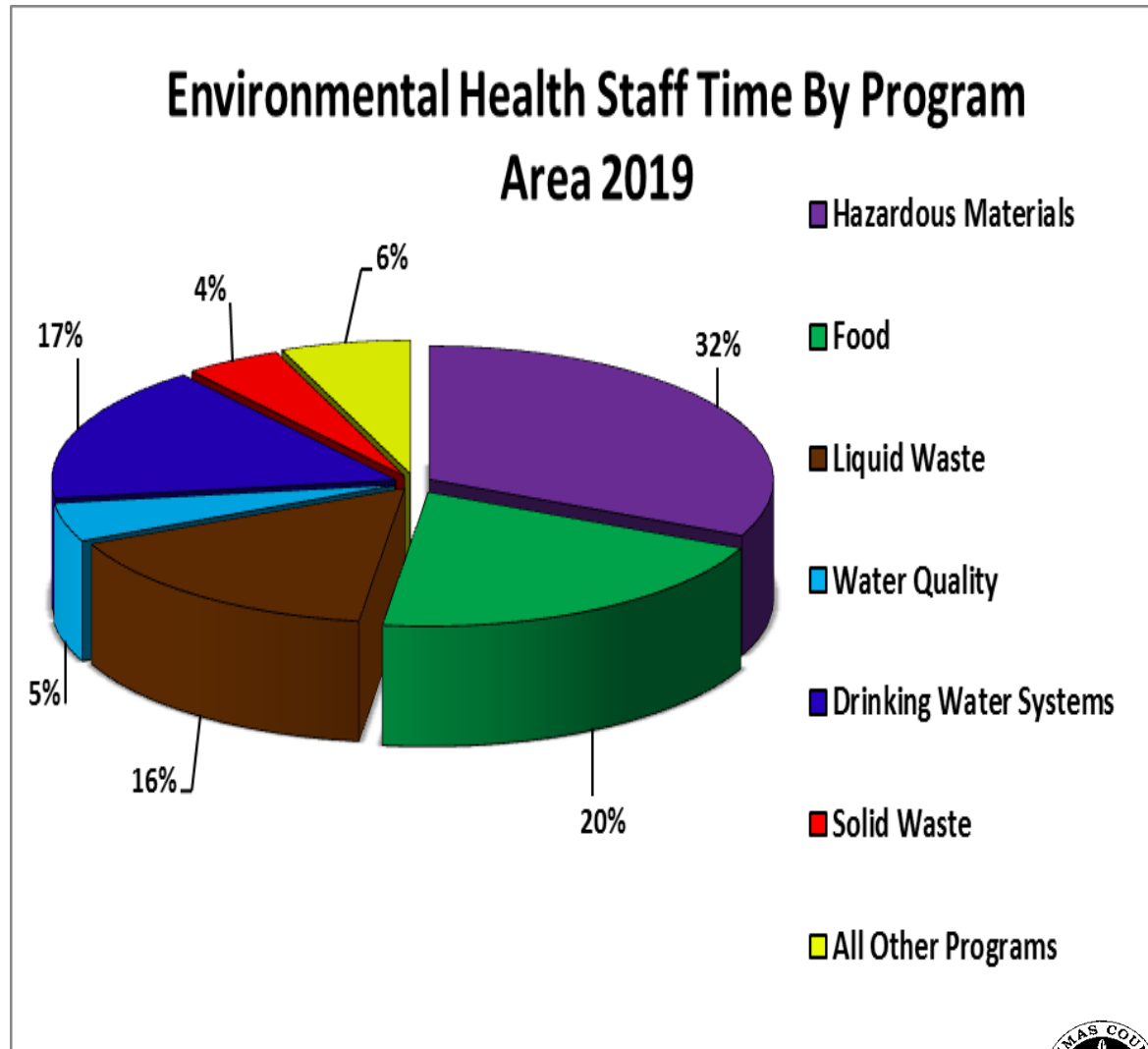
We  
INSPECT it!



# Environmental Health

## 10 Primary Program Areas

- Hazardous Materials Management
- Public Drinking Water Protection
- Food Protection
- Liquid Waste (Sewage Disposal)
- Solid Waste Control
- Water Quality Protection
- Land Use
- Rabies and Vector Control
- Rec Health Protection
- Housing and Institutions



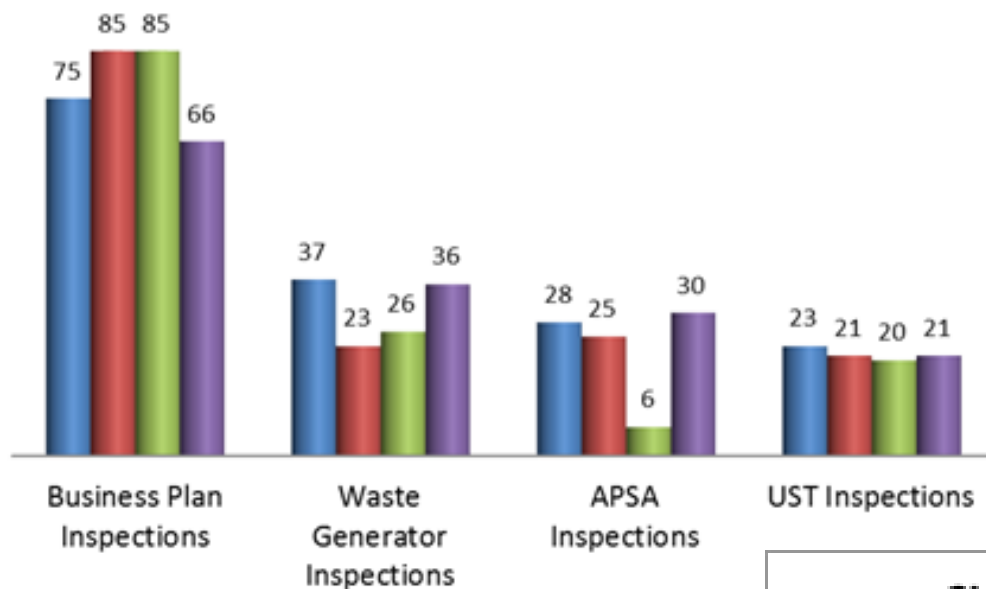
# What is Hazardous Materials Management?

- Environmental Health permits and inspects businesses that use, store, or generate hazardous materials and hazardous wastes (the “CUPA” program). **153 inspections in 2019.**
- Program elements include business planning and reporting, aboveground storage tanks, underground storage tanks, waste generator, and accidental release prevention.
- Program certification is by Cal EPA
- We also provide haz mat spill prevention, response, cleanup and remediation oversight

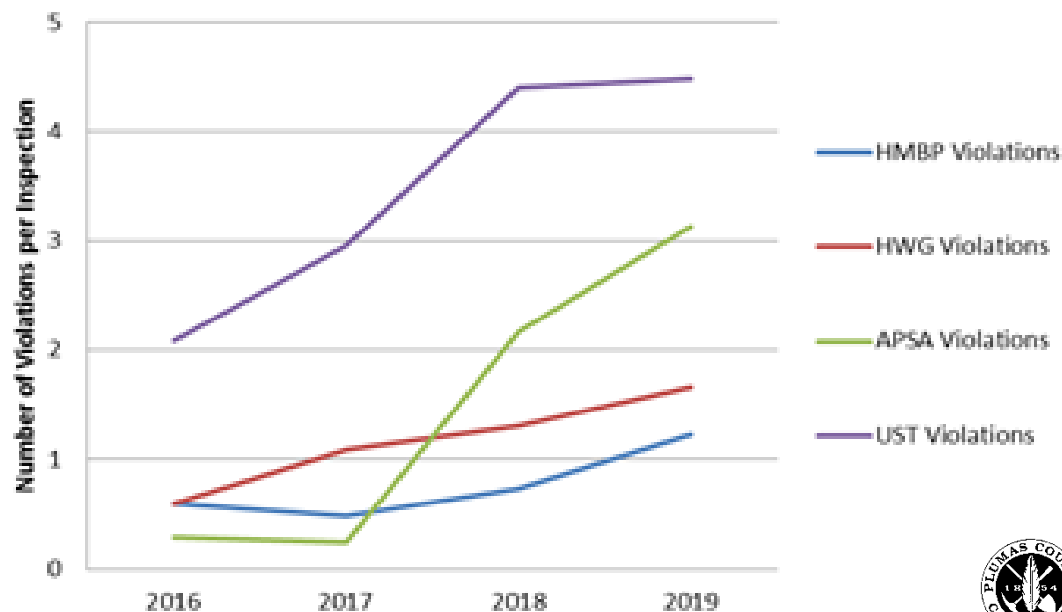


# Number of CUPA Inspections by Year

■ 2016 ■ 2018 ■ 2018 ■ 2019



## CUPA Violation Trend Data 2016-2019



# What is Food Protection?

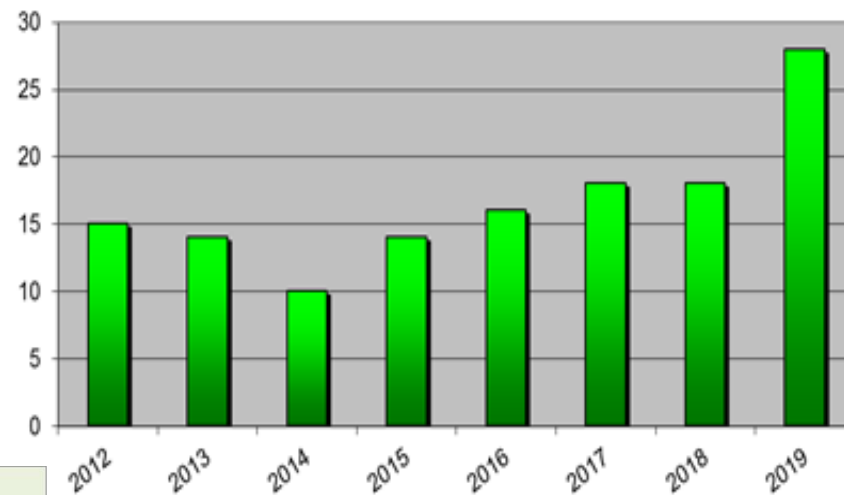
- We help ensure that retail food is safe to eat
- Retail food facility permit and inspection
- Plan check and construction inspection of new food facilities
- Food borne illness investigation with Public Health Nursing
- We offer food sanitation education, outreach and certification exams
- **525 food safety inspections conducted in 2019**



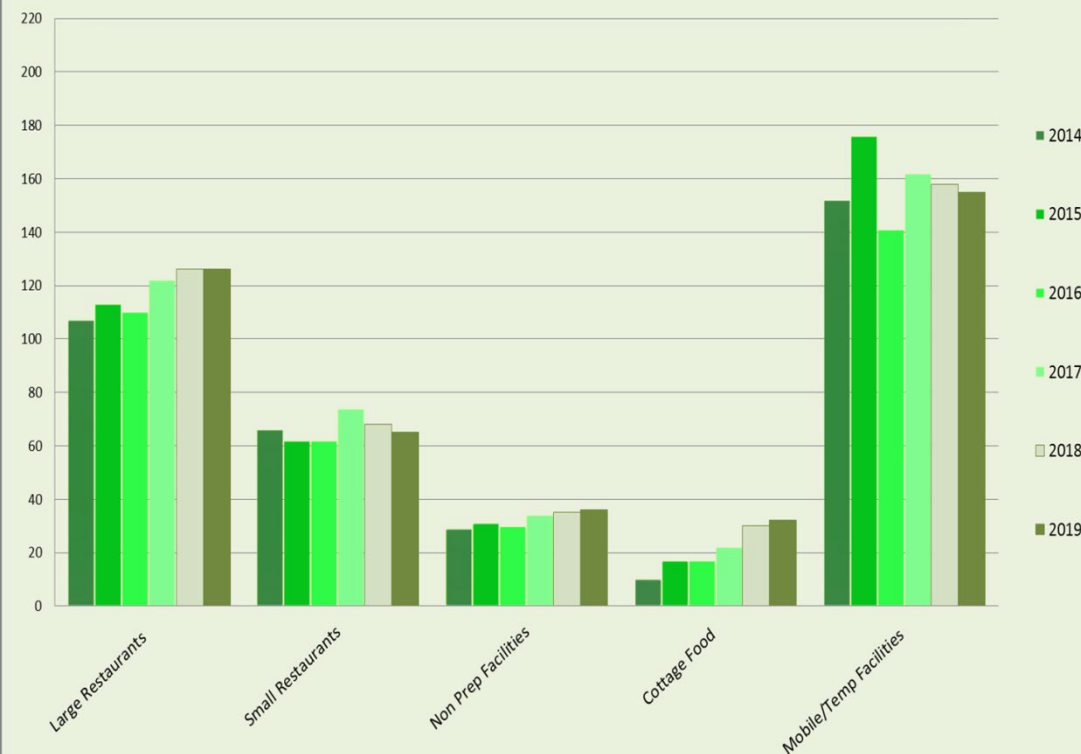


Canyon Dam Store	<a href="#">December 19, 2019 (PDF)</a> <a href="#">December 19, 2017 (PDF)</a> <a href="#">November 28, 2016 (PDF)</a> <a href="#">June 6, 2016 (PDF)</a>	Chester-Lake Almanor
Carey Candy Company	<a href="#">January 1, 2020</a> <a href="#">January 17, 2019 (PDF)</a> <a href="#">April 18, 2018 (PDF)</a> <a href="#">March 9, 2017 (PDF)</a>	Quincy-Bucks Lake-La Porte-Meadow Valley
Caribou Crossroads Store & Cafe	<a href="#">November 13, 2019</a> <a href="#">June 29, 2018 (PDF)</a> <a href="#">December 20, 2018 (PDF)</a> <a href="#">March 13, 2018 (PDF)</a>	Feather River Canyon-Greenville-Indian Valley
Caro's Cafe	<a href="#">May 9, 2019</a> <a href="#">September 21, 2018 (PDF)</a> <a href="#">July 27, 2017 (PDF)</a> <a href="#">September 9, 2016 (PDF)</a>	Chester-Lake Almanor
Caro's Ranch House	<a href="#">September 22, 2019</a> <a href="#">September 8, 2017 (PDF)</a> <a href="#">March 18, 2016 (PDF)</a> <a href="#">November 20, 2015 (PDF)</a>	Chester-Lake Almanor
Cedarling	Temporarily Closed <a href="#">December 5, 2019</a> <a href="#">December 13, 2018 (PDF)</a> <a href="#">July 20, 2018 (PDF)</a>	Quincy-Bucks Lake-La Porte-Meadow Valley
Chadlet Valley Lodge	<a href="#">August 15, 2019</a>	Portola-Sierra Valley

## FOOD CERTIFICATION EXAMS PROCTORED BY ENVIRONMENTAL HEALTH



## Number of Food Facilities in Plumas County 2014-2019

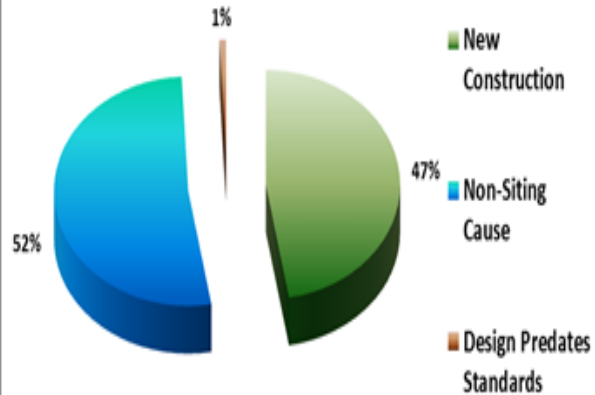


# What is Liquid Waste Management?

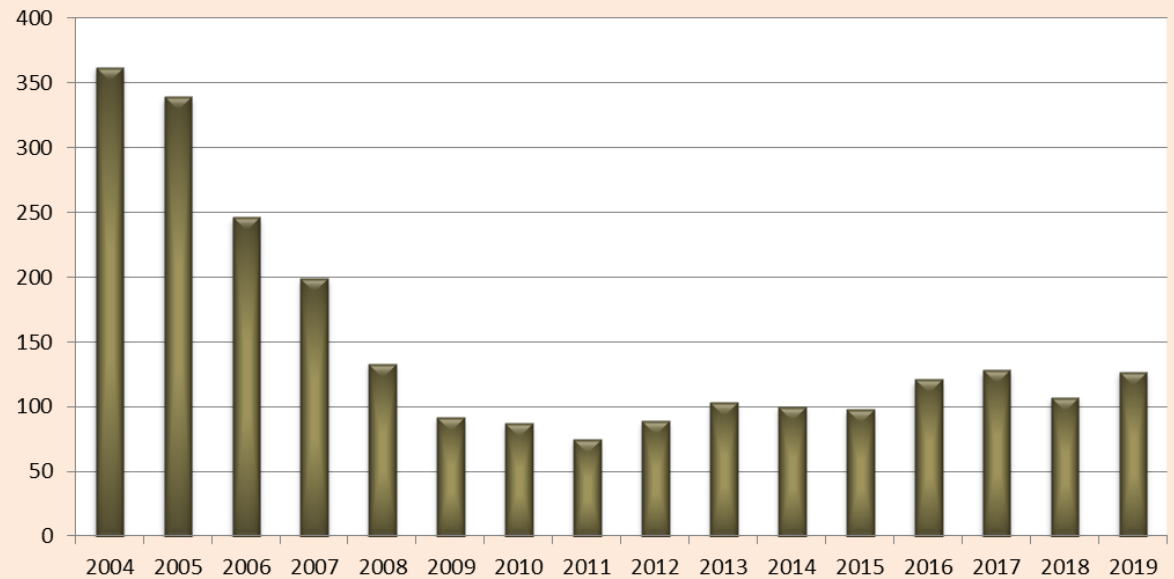
- Ensuring proper sewage disposal to protect public health and preserve the environment
- **127 Onsite Wastewater Treatment System (OWTS) permits issued, 66 for new construction**
- Soil and groundwater suitability analysis
- State reporting on groundwater protection and program performance



**Purpose of OWTS Permits Issued in 2019**

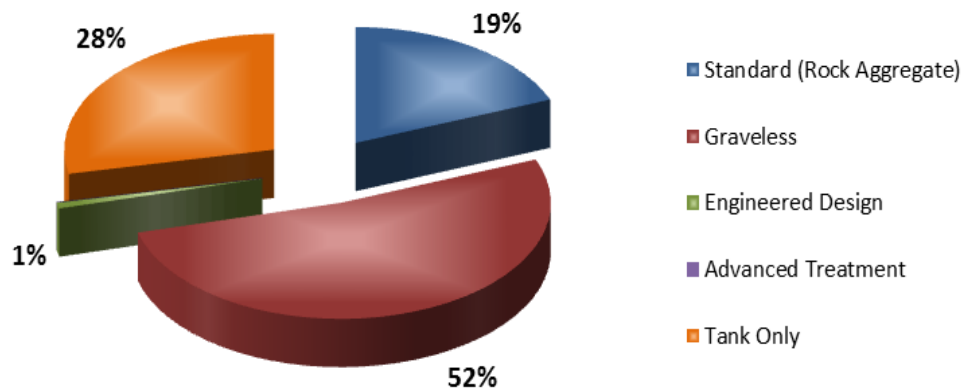


**Number of Onsite Wastewater Treatment Systems**



**Number of OWTS Permits Issued**

**Types of Onsite Wastewater Treatment Systems Installed in Plumas County 2019**



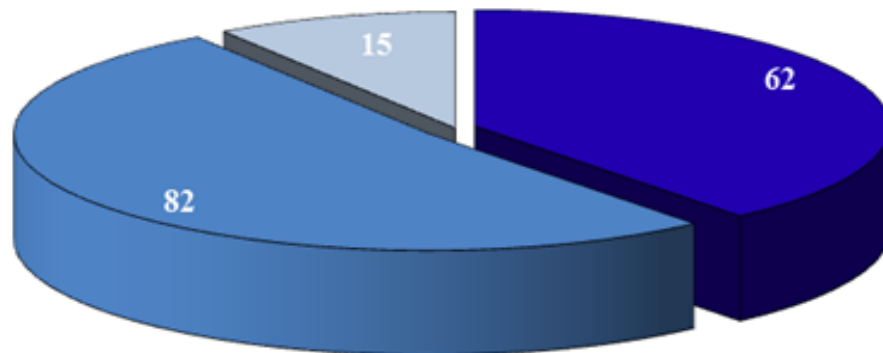


# What is Public Drinking Water Protection?

- Helping ensure that our drinking water is safe
- Permit and inspect 15 small community systems, 62 state and local small systems, and 82 non-community systems
- **Review over 2,000 bacteriological tests and numerous chemical tests annually**
- Technical, managerial and financial reviews of water systems
- Boil/Bottle Water Advisories to Consumers
- Assisted with AVCSD Boil Water notices in Quincy (June and September)

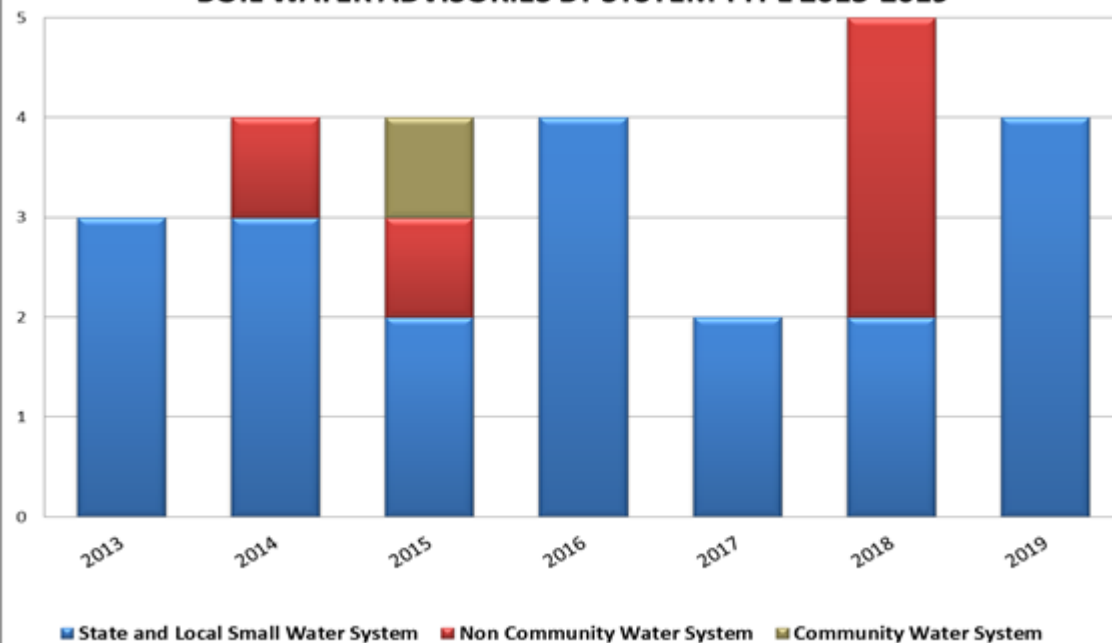


# Plumas County Water Systems Inventory 2019



- State and Local Small
- Non Community Water System
- Community Water System

## BOIL WATER ADVISORIES BY SYSTEM TYPE 2013-2019

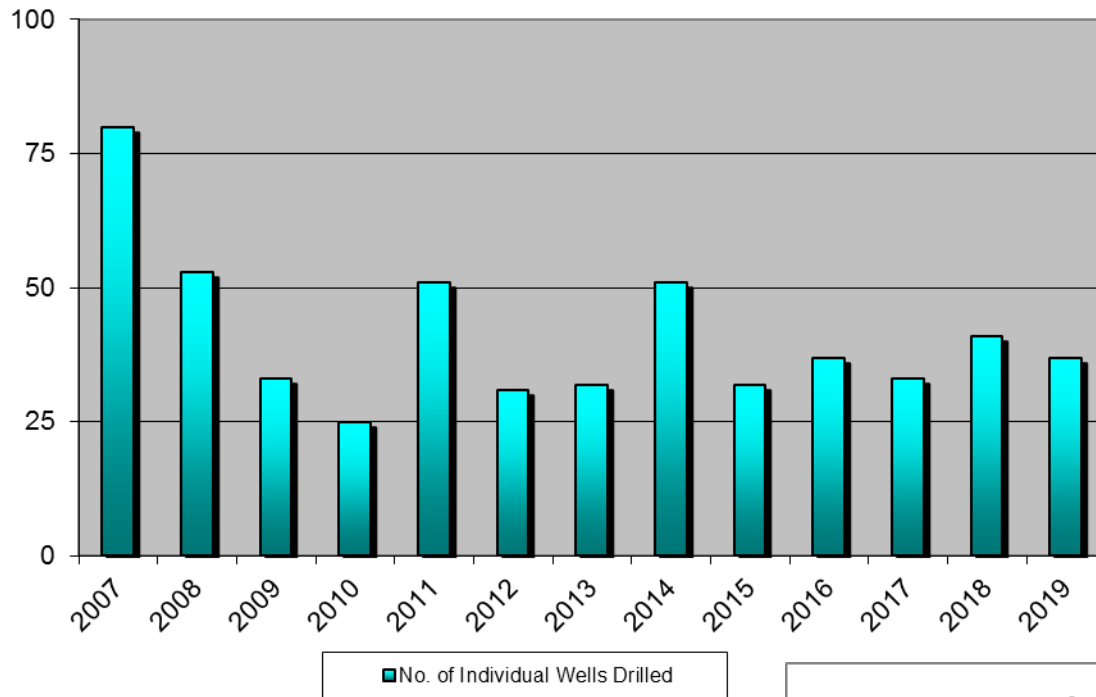


# What is Water Quality Protection?

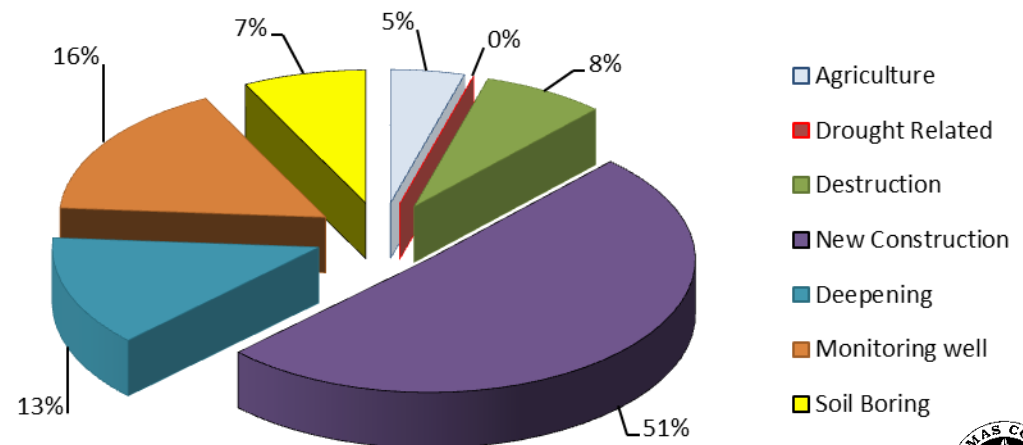
- Protecting the quality of Plumas County's lakes, streams and groundwater supplies
- **Issued 37 water well permits and 30 permits for other borings or excavations** that could pose a threat to groundwater quality
- Provide technical assistance to Sierra Valley Groundwater Management District and joint sustainability planning



**Number of Individual Water Well Permits Processed  
2007-2019**



**Groundwater Protection Permit Activities  
2019**



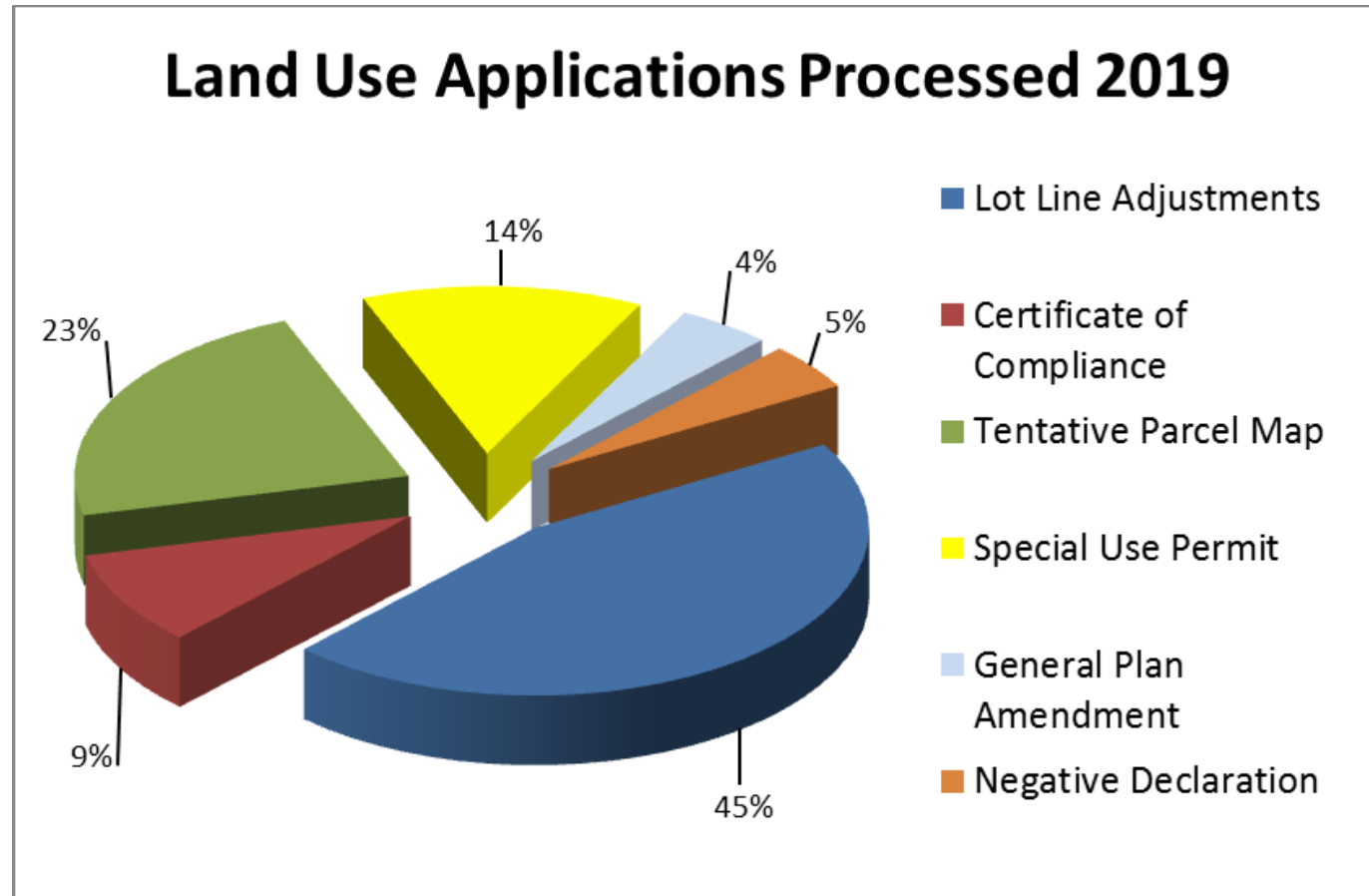
# What is the Land Use Program?

- Evaluate environmental health implications of development proposals especially regarding infrastructure needs such as waste disposal, water supply, and hazardous materials
- **Processed 22 land use applications in 2019**
- Actively participate in development review committee
- Review and comment on Planning Department and Planning Commission projects and proposals





Notable 2019  
projects  
included  
Special Use  
Permit  
Reviews for  
CHP Office  
and Plumas  
Charter  
School



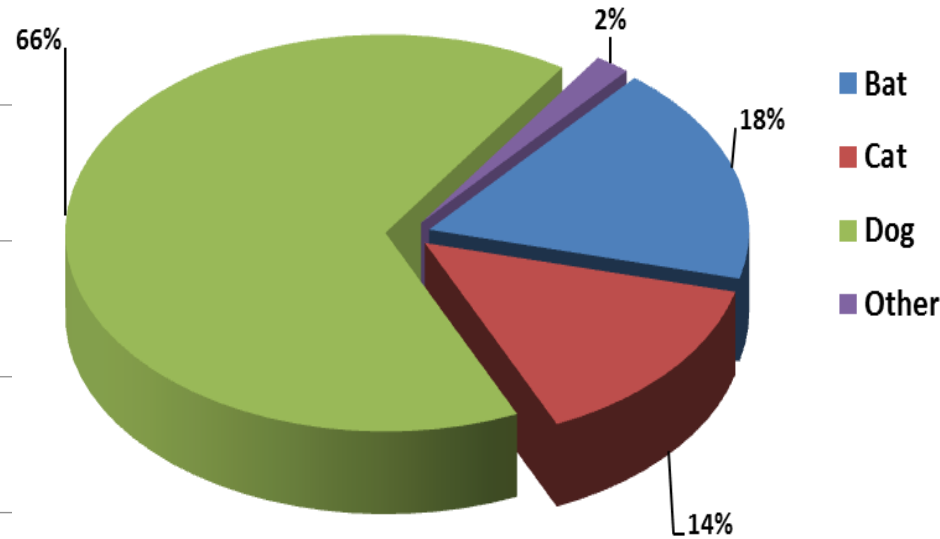
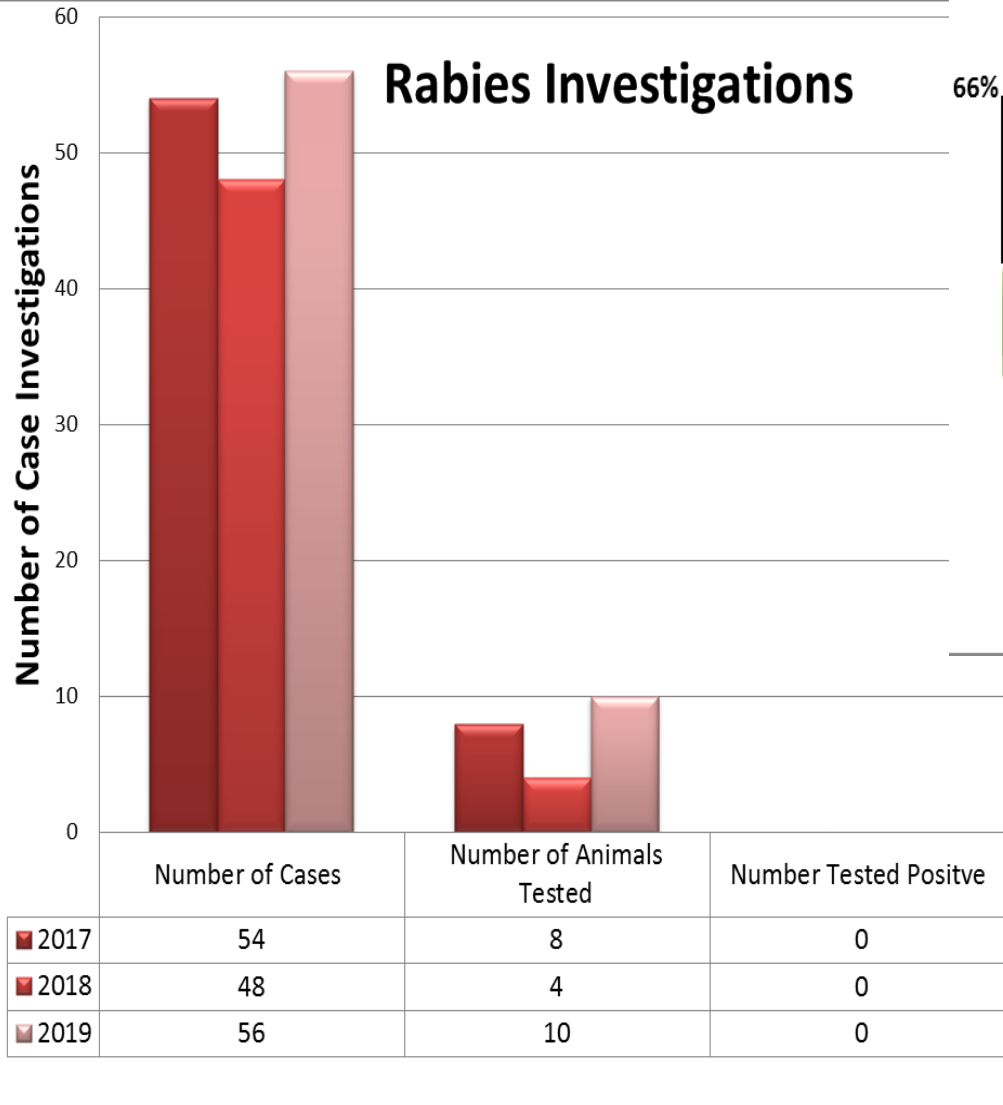
# What is Rabies and Vector Control?

- Protect the public from illnesses that are transmitted by vectors.
- Vectors for rabies include bats but also cats and dogs. **In 2019 we tracked 56 rabies exposure cases.**
- Vectors for other diseases like plague, West Nile Virus, and hantavirus include mosquitoes, ticks, and fleas.
- We provide environmental surveillance and public information for various vector-borne diseases.



# Rabies Case Investigation by Species 2019

**Rabies Investigations**



Last rabies  
positive test was  
in 2016 in  
Graeagle



# What is Solid Waste Enforcement?

- Permit and inspect solid waste facilities.
- **We conducted 88 inspections of landfills, transfer sites, and closed facilities in 2019.**
- Litter and illegal disposal complaints.
- Certified by Cal Recycle for local solid waste enforcement. This is the LEA program.



# Environmental Health coordinated 2019 Earth Day volunteer cleanup at the Annex



Typical solid  
waste transfer  
site operation



# What is Recreational Health?

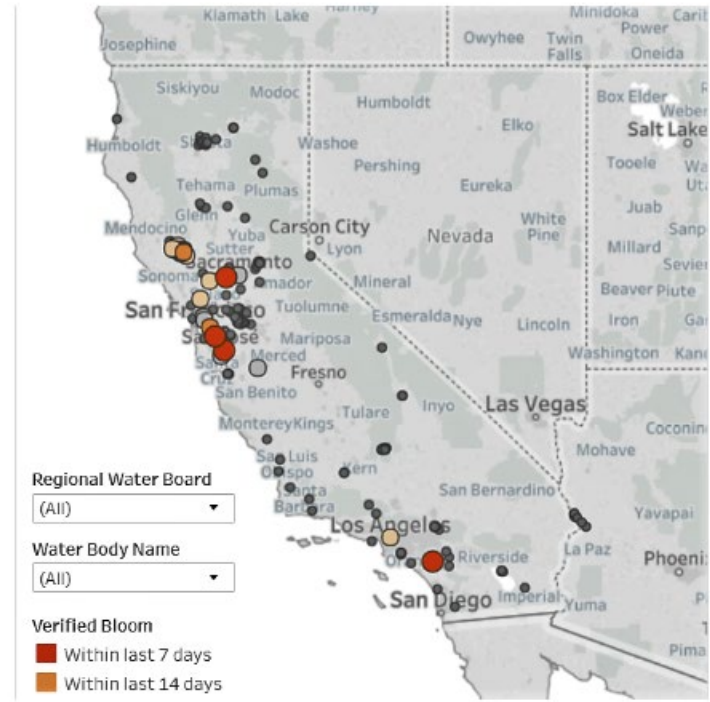
- Permit, inspect and plan check public spas and pools to ensure bather safety
- **In 2019 we conducted 43 pool and spa inspections**
- Monitor water quality at freshwater bathing areas
- Respond to **emerging threat to recreation swimmer safety posed by harmful algal blooms**



## HAB Incident Reports Map

HAB Incident Reports Map provides data on voluntarily reported blooms in California. The data may include reports under investigation and/or confirmed incidents of HABs.

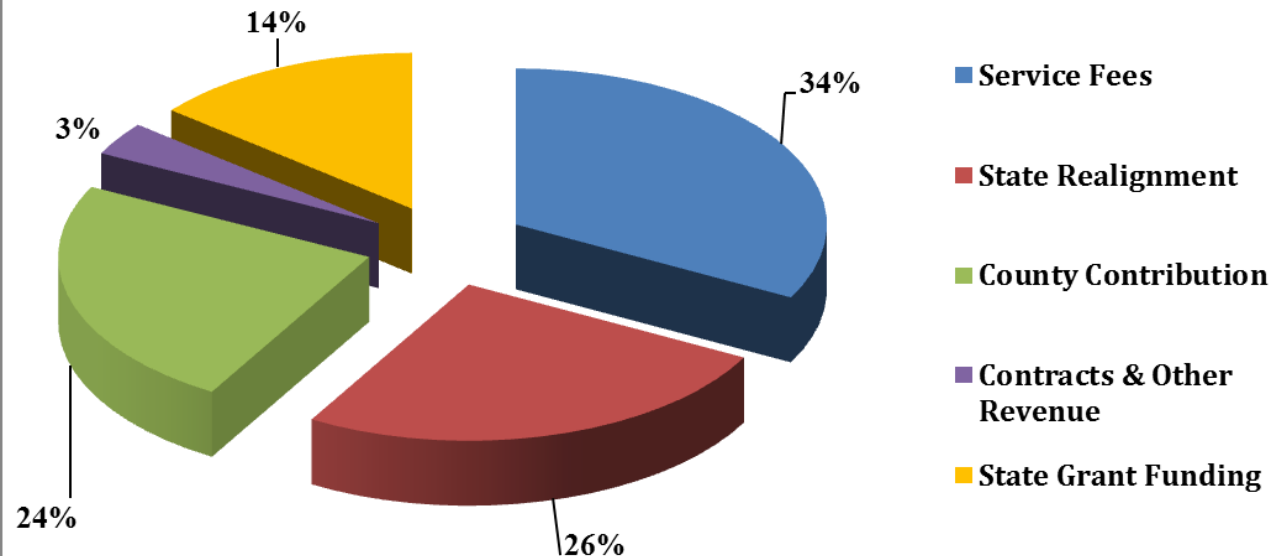
<https://mywaterquality.ca.gov/habs/index.html>



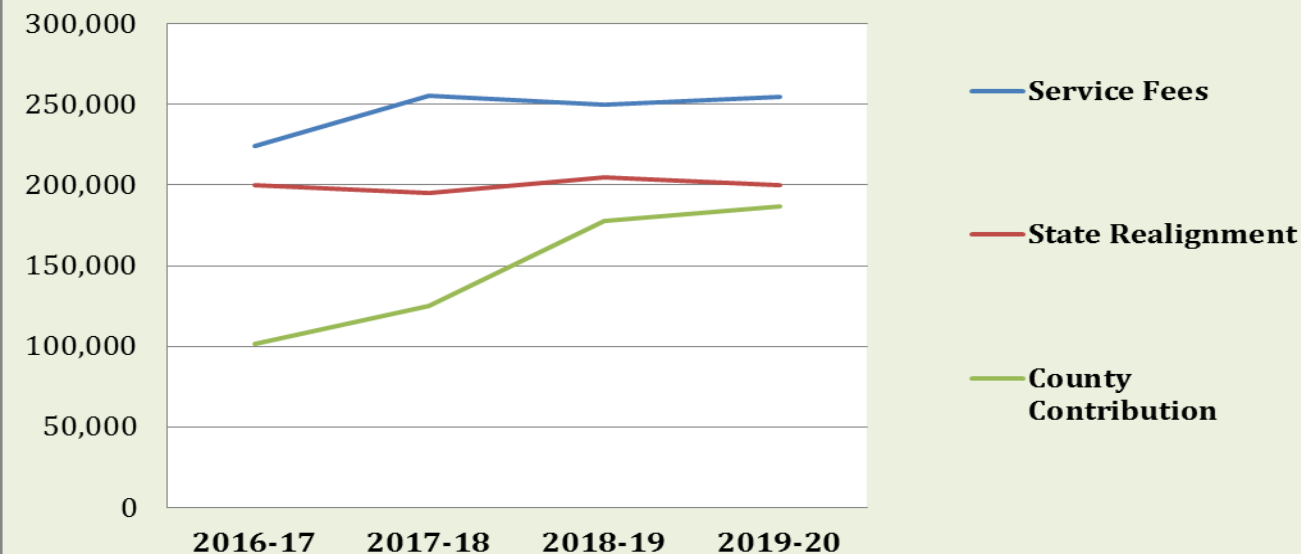
Blue-green algae bloom at Willow Lake July 2019



## Revenue by Source FY 2019/2020



## 4 Year Trend Primary Revenue Sources

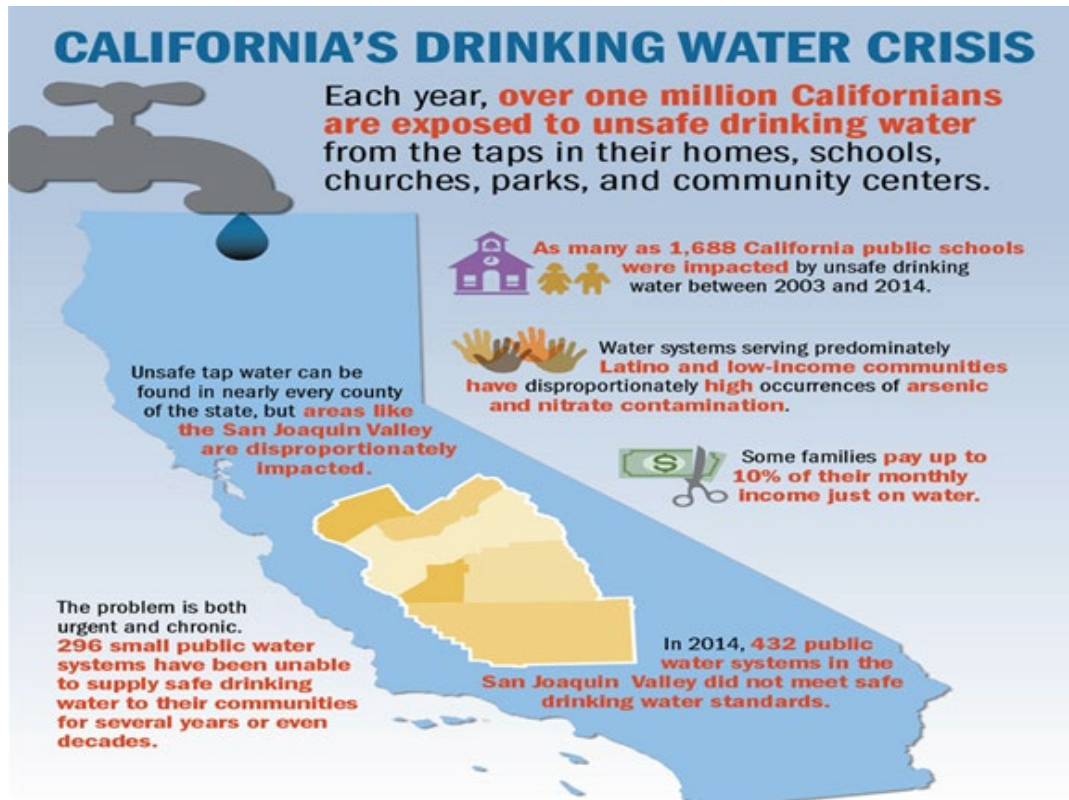


# FY 2019-20 Budget and Finance



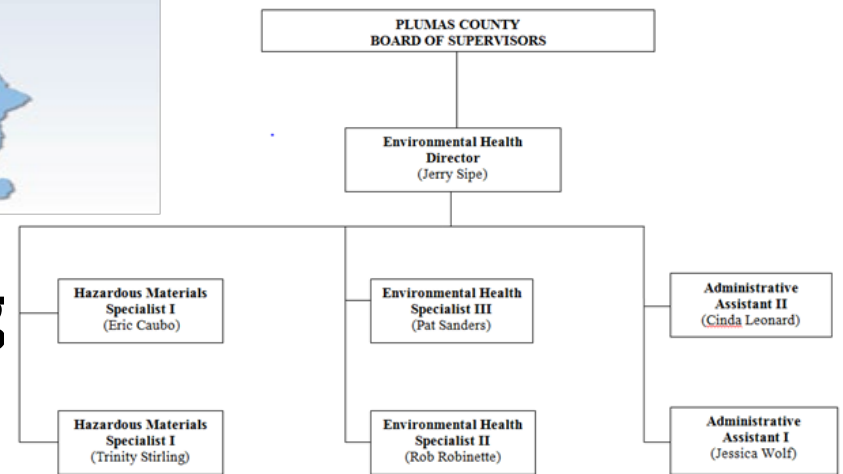
# Notable 2020 Priorities

## Public Safety Power Shutoffs



## Drinking Water Program Funding AB 2296

### ENVIRONMENTAL HEALTH Organization Chart FY 19-20



## Succession Planning



# **Environmental Health—**

**We're more than just  
enforcement...**







WPA  
S  
WPA  
S

RECEIVING

DO NOT  
DRIFT ONLY