

# Environmental Health 2019 Annual Report



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



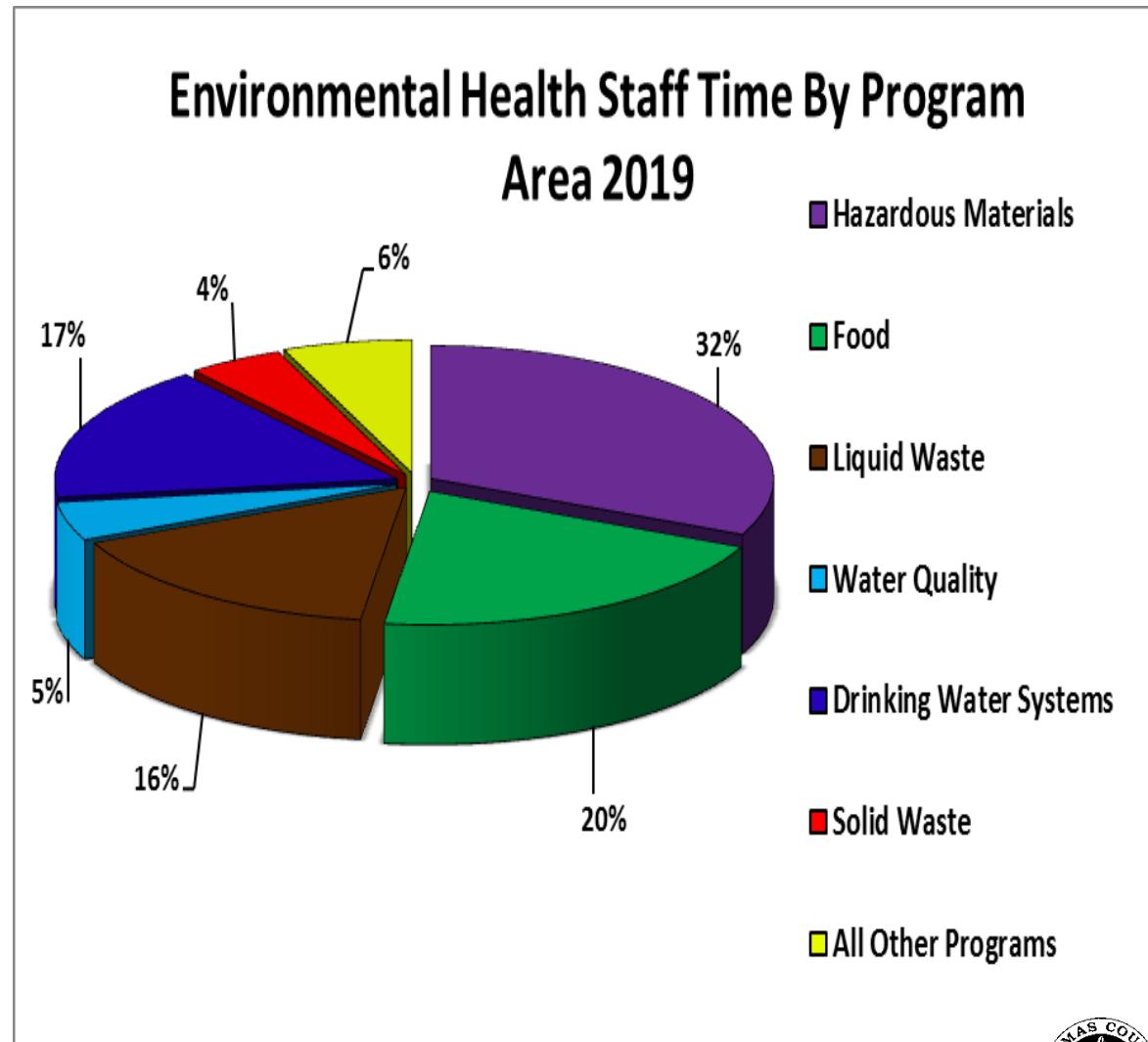
We  
INSPECT it!



# 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



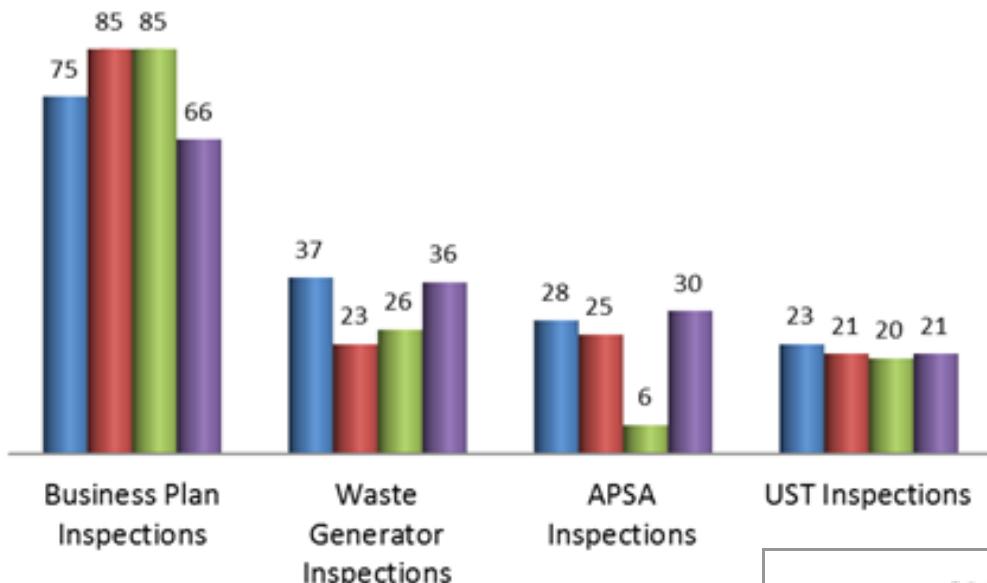
# What is Hazardous Materials Management?

- 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

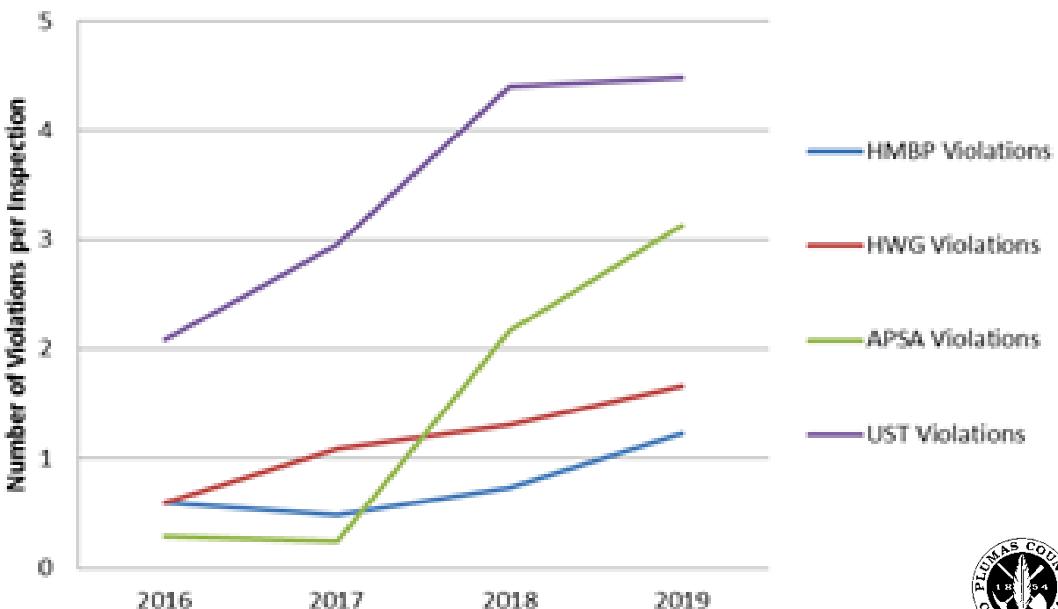


## Number of CUPA Inspections by Year

■ 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**



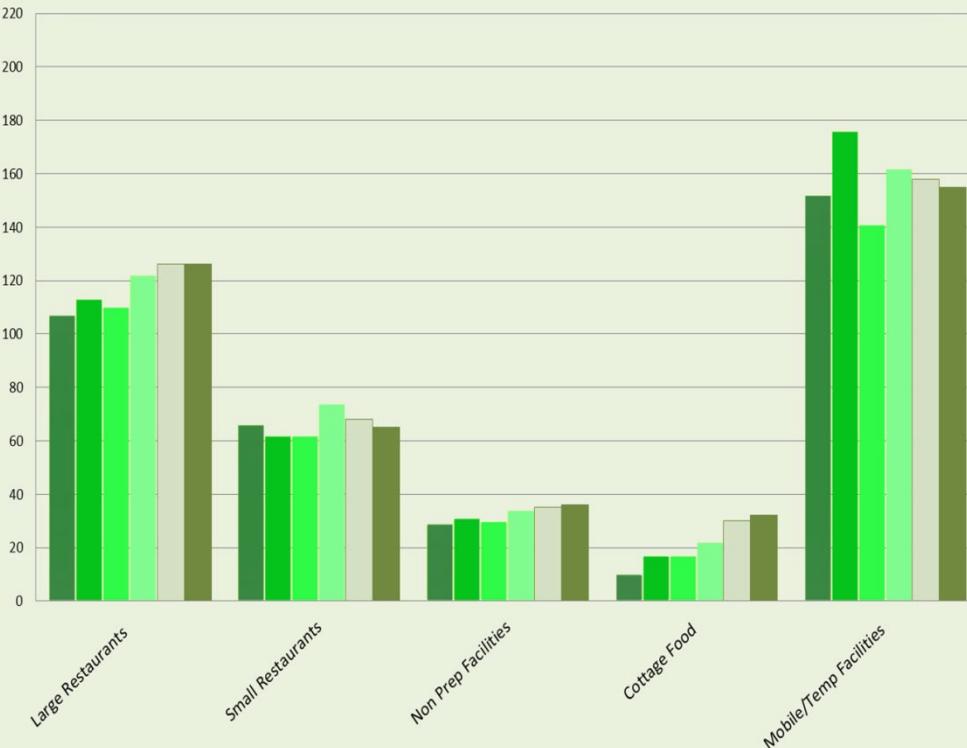
Canyon Dam Store	<a href="#">December 19, 2019 (PDF)</a> <a href="#">December 19, 2017 (PDF)</a> <a href="#">November 28, 2016 (PDF)</a> <a href="#">June 6, 2016 (PDF)</a>	Chester-Lake Almanor
Carey Candy Company	<a href="#">January 1, 2020</a> <a href="#">January 17, 2019 (PDF)</a> <a href="#">April 16, 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, 2016 (PDF)</a> <a href="#">March 13, 2016 (PDF)</a>	Feather River Canyon-Greenville-Indian Valley
Carol'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
Carol'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
Cedarlings	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

Plumas 1-Year License

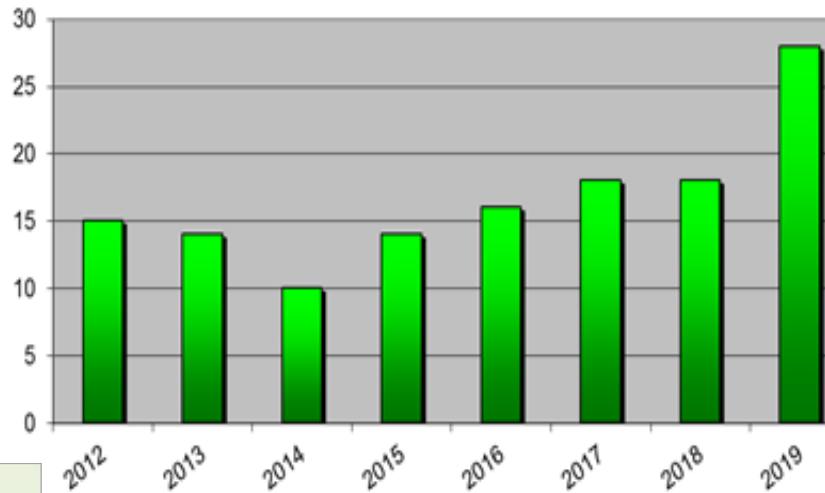
August 16, 2019

Plumas 1-Year License

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



## FOOD CERTIFICATION EXAMS PROCTORED BY ENVIRONMENTAL HEALTH

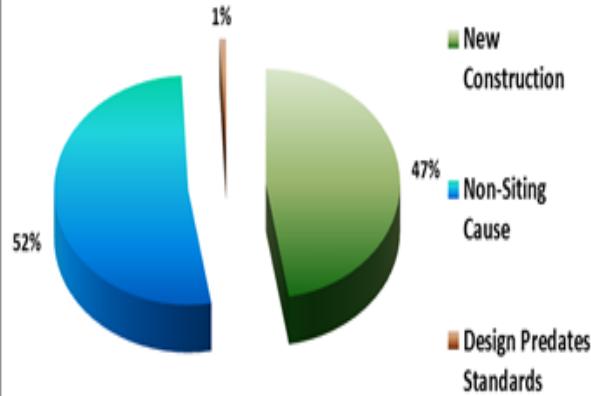


# What is Liquid Waste Management?

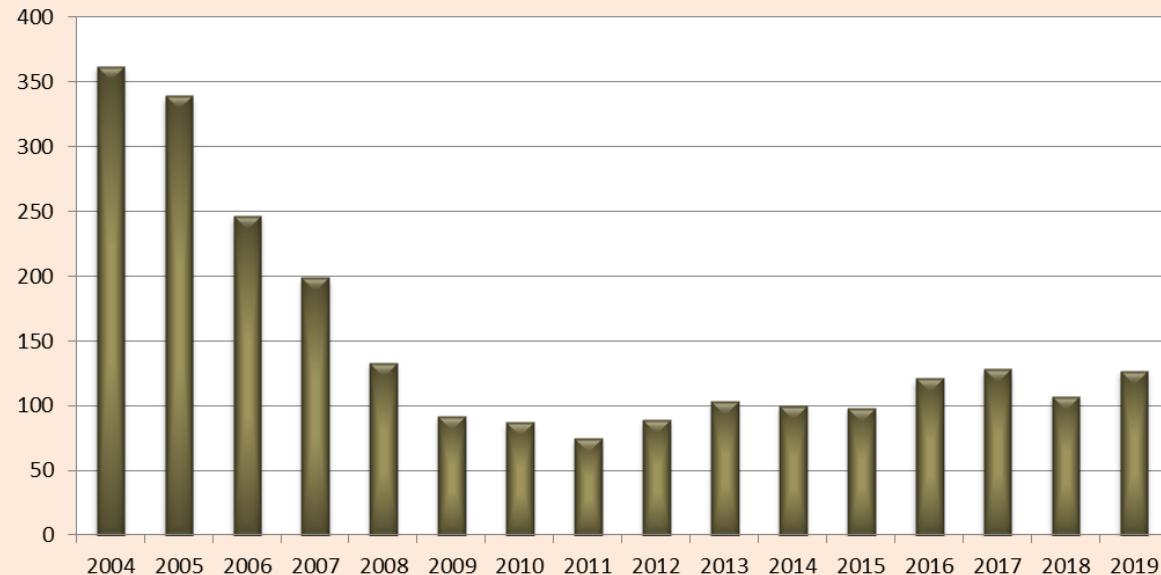
- Ensuring proper sewage disposal to protect public health and preserve the environment
- **127 Onsite Wastewater Treatment System (OWTS) permits issued, 66 for new construction**
- Soil and groundwater suitability analysis
- State reporting on groundwater protection and program performance



## Purpose of OWTS Permits Issued in 2019

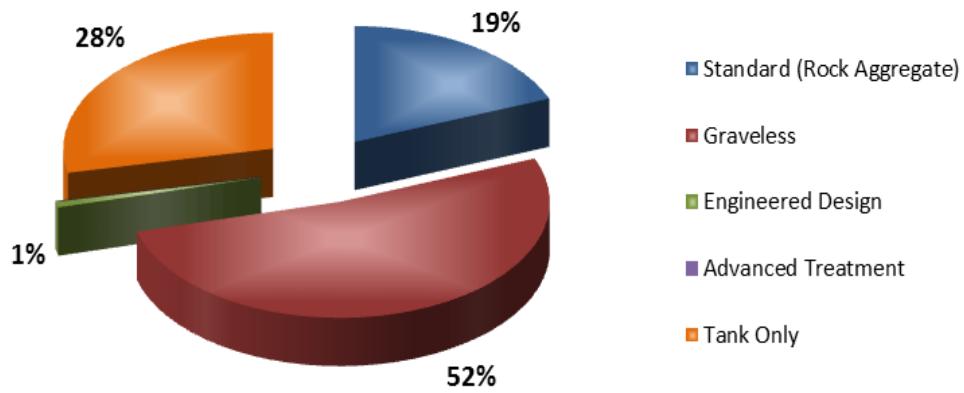


## Number of Onsite Wastewater Treatment Systems



## Types of Onsite Wastewater Treatment Systems

Installed in Plumas County 2019



■ Number of OWTS Permits Issued

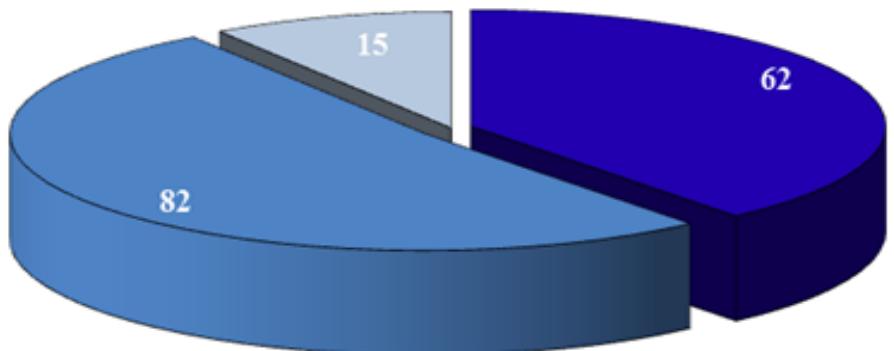


# What is Public Drinking Water Protection?

- 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)

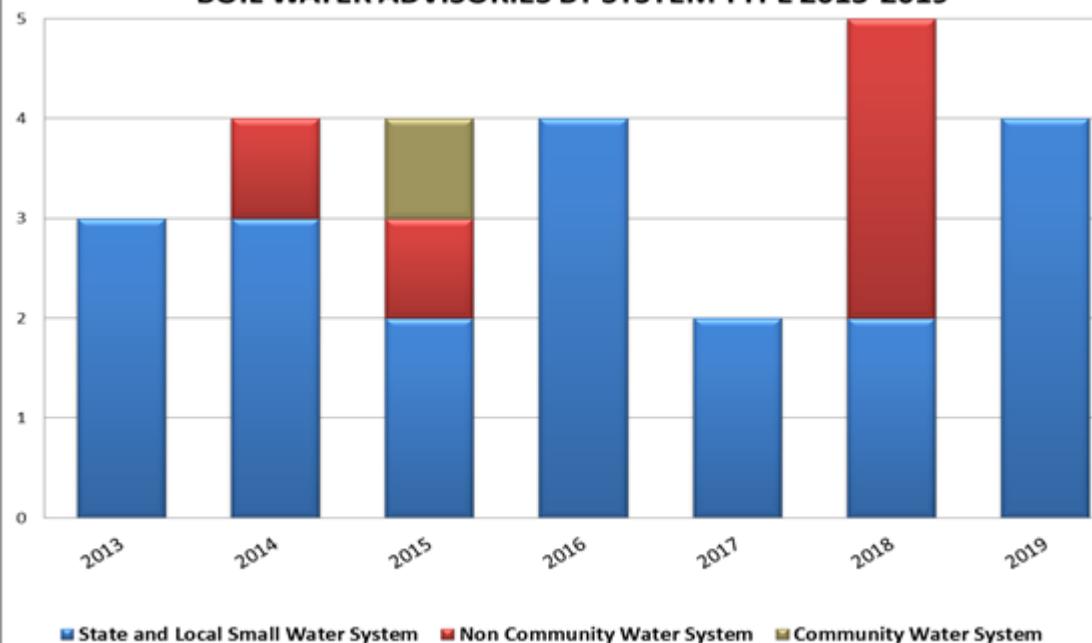


# Plumas County Water Systems Inventory 2019



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

BOIL WATER ADVISORIES BY SYSTEM TYPE 2013-2019

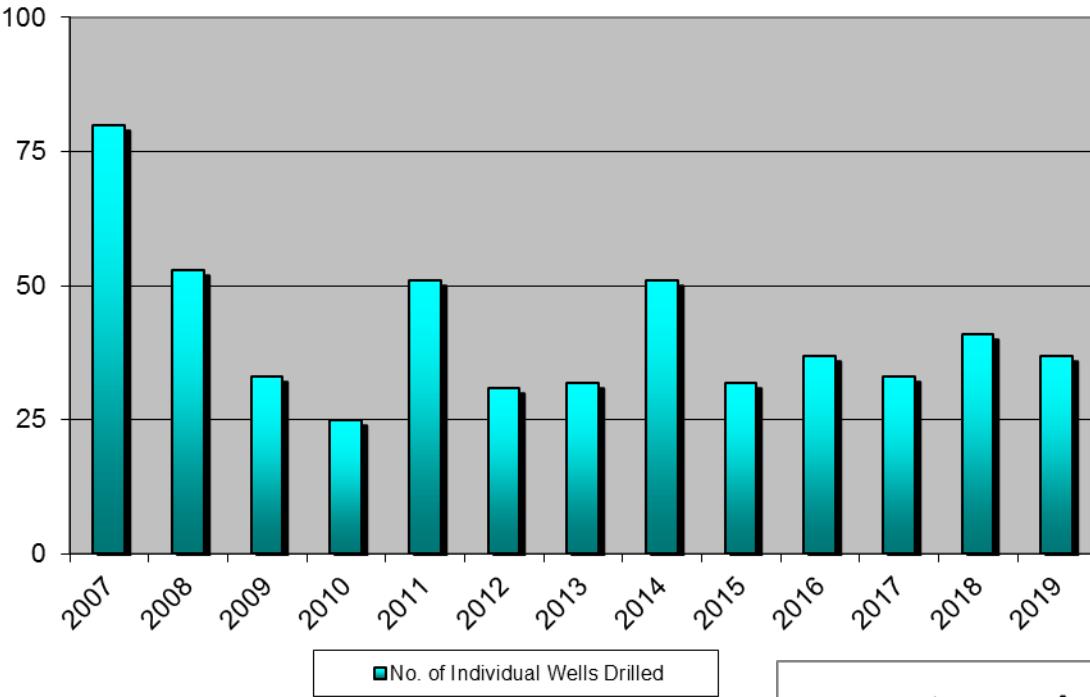


# What is Water Quality Protection?

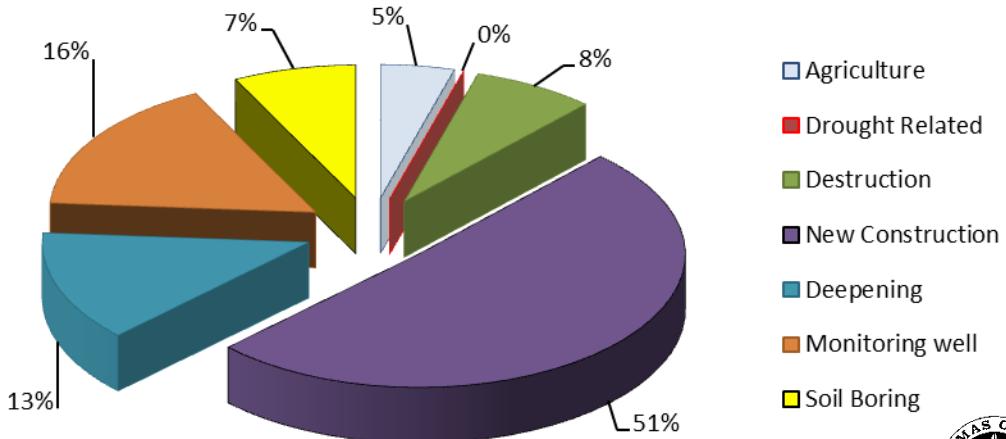
- Protecting the quality of Plumas County's lakes, streams and groundwater supplies
- **Issued 37 water well permits and 30 permits for other borings or excavations** that could pose a threat to groundwater quality
- Provide technical assistance to Sierra Valley Groundwater Management District and joint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



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



## Groundwater Protection Permit Activities 2019

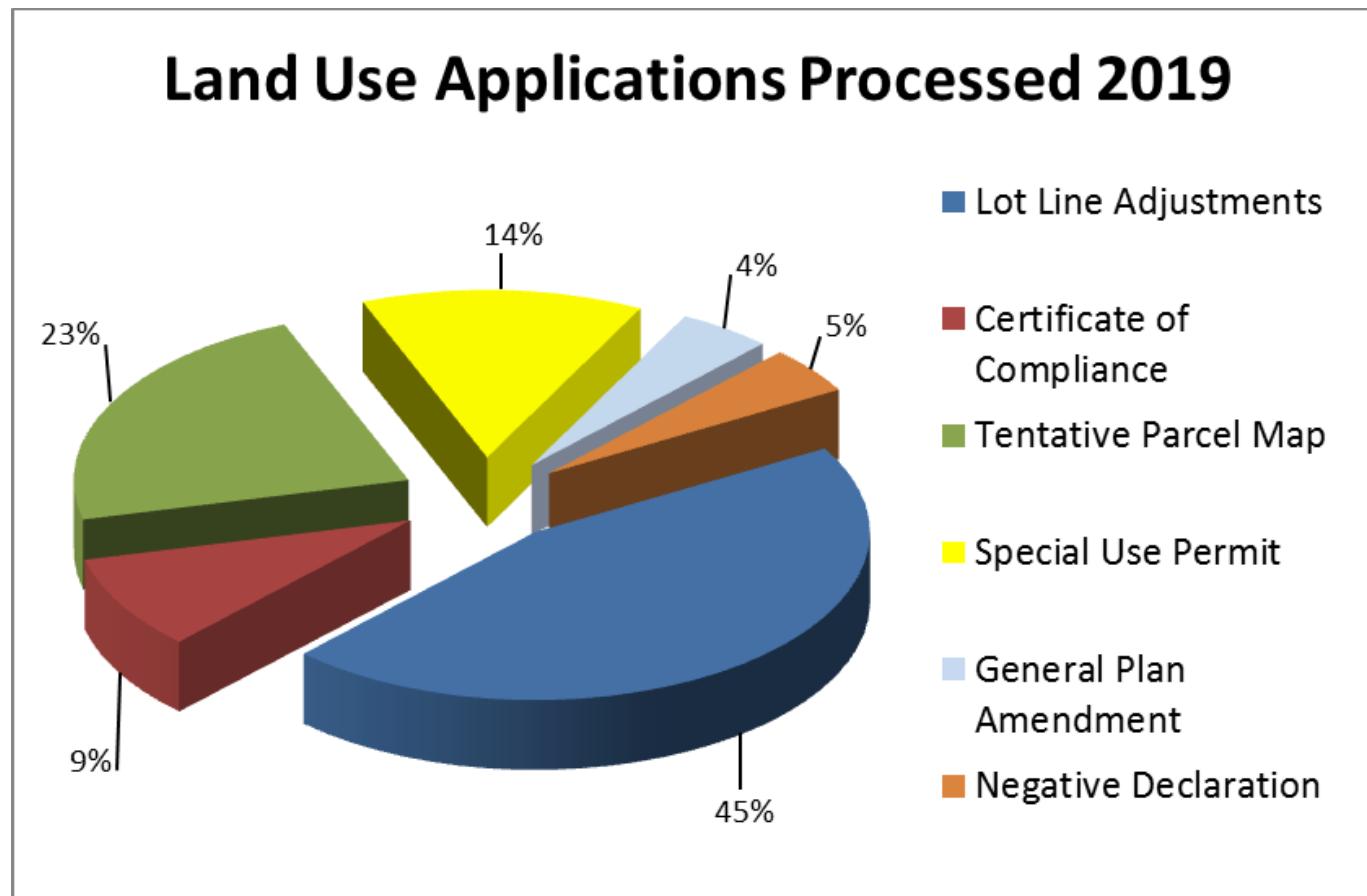


# What is the Land Use Program?

- 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

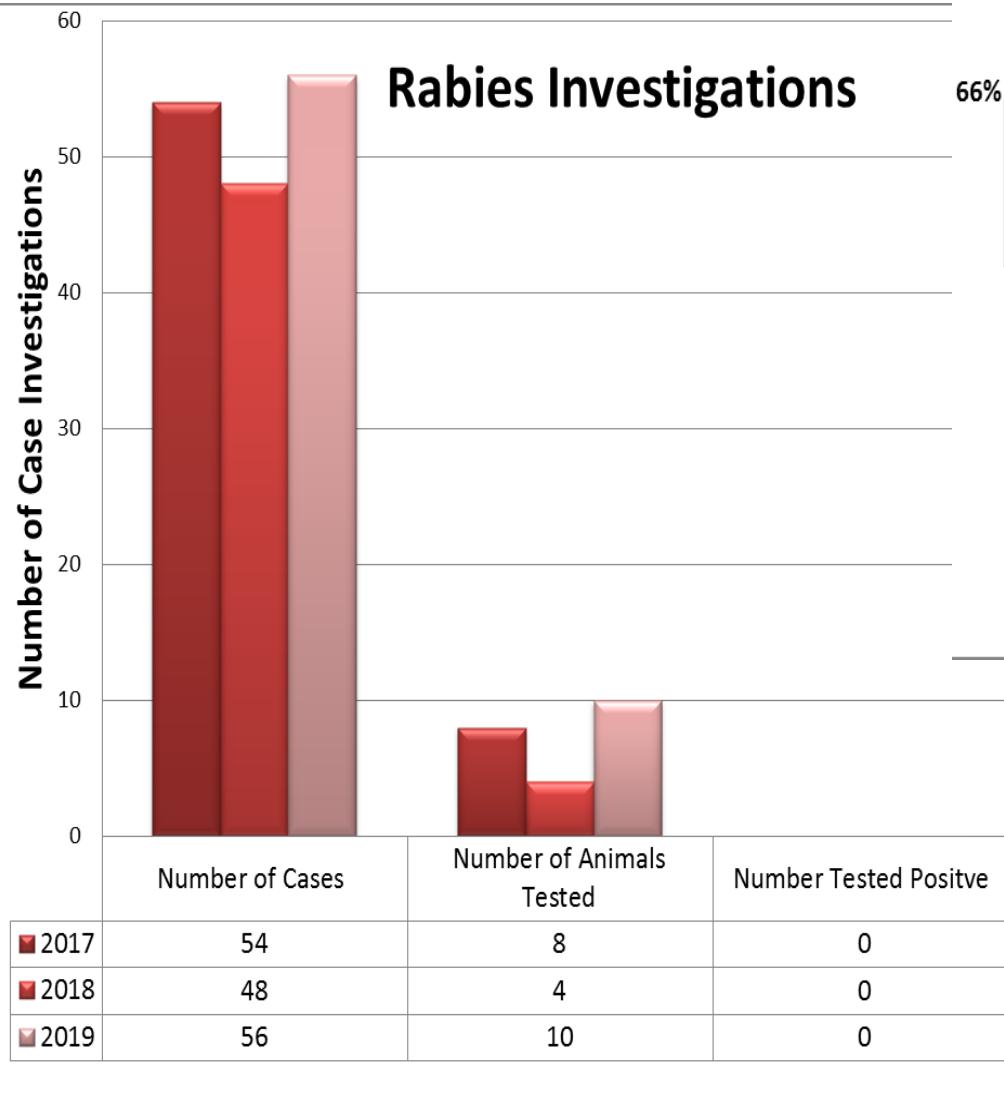


# What is Rabies and Vector Control?

- 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



Last rabies  
positive test was  
in 2016 in  
Graeagle

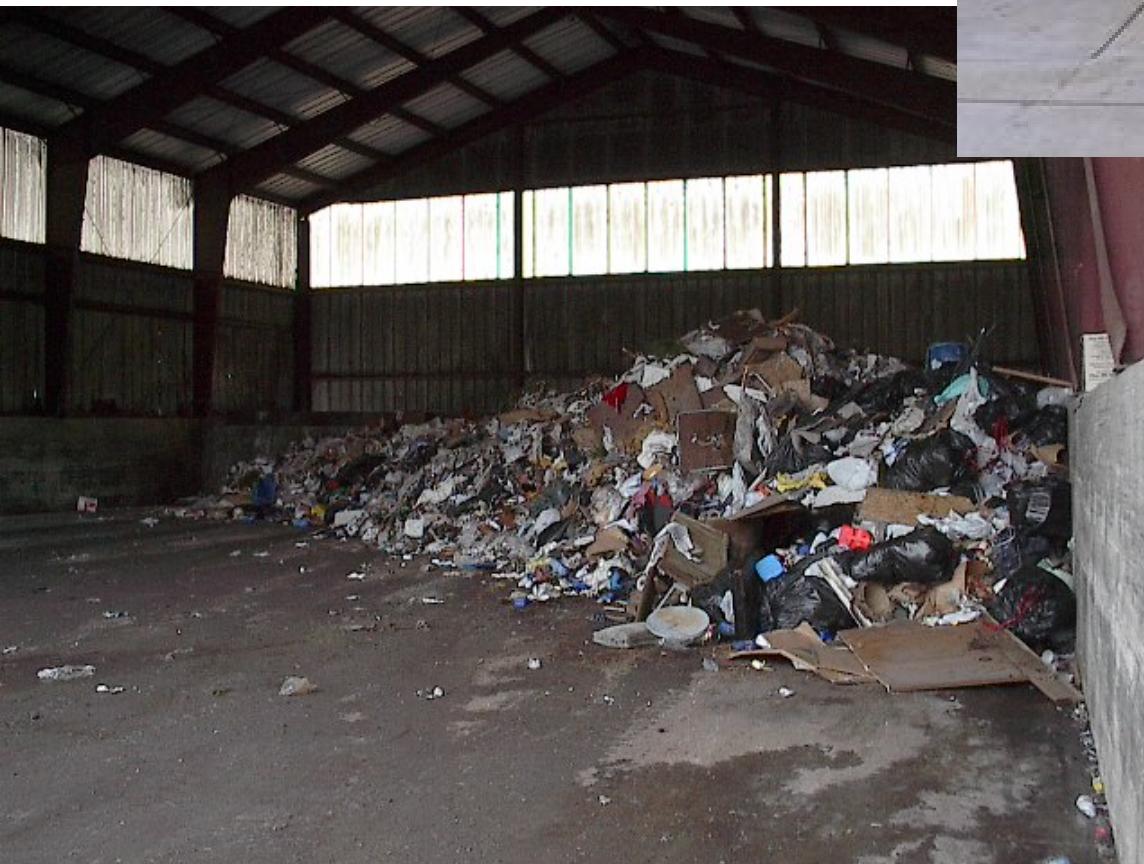


# What is Solid Waste Enforcement?

- 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?

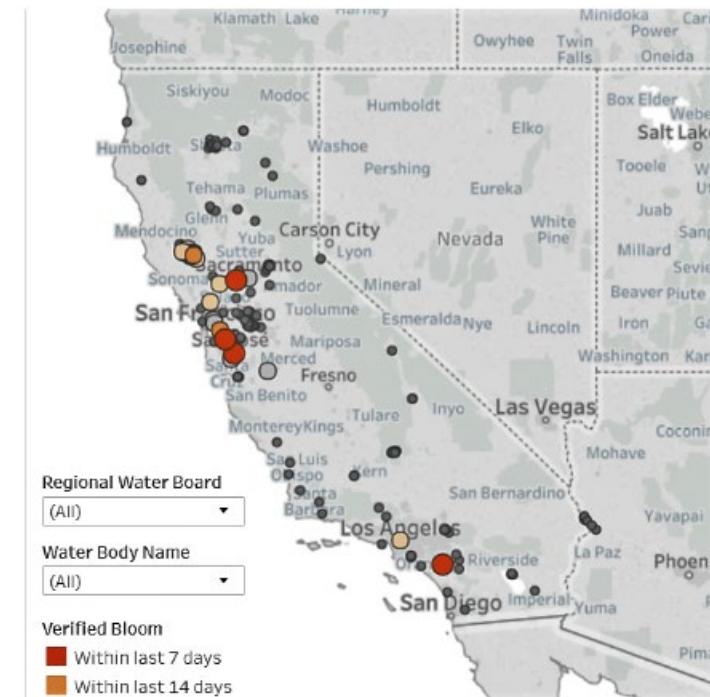
- Permit, inspect and plan check public spas and pools to ensure bather safety
- **In 2019 we conducted 43 pool and spa inspections**
- Monitor water quality at freshwater bathing areas
- Respond to **emerging threat to recreation swimmer safety posed by harmful algal blooms**



## 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.

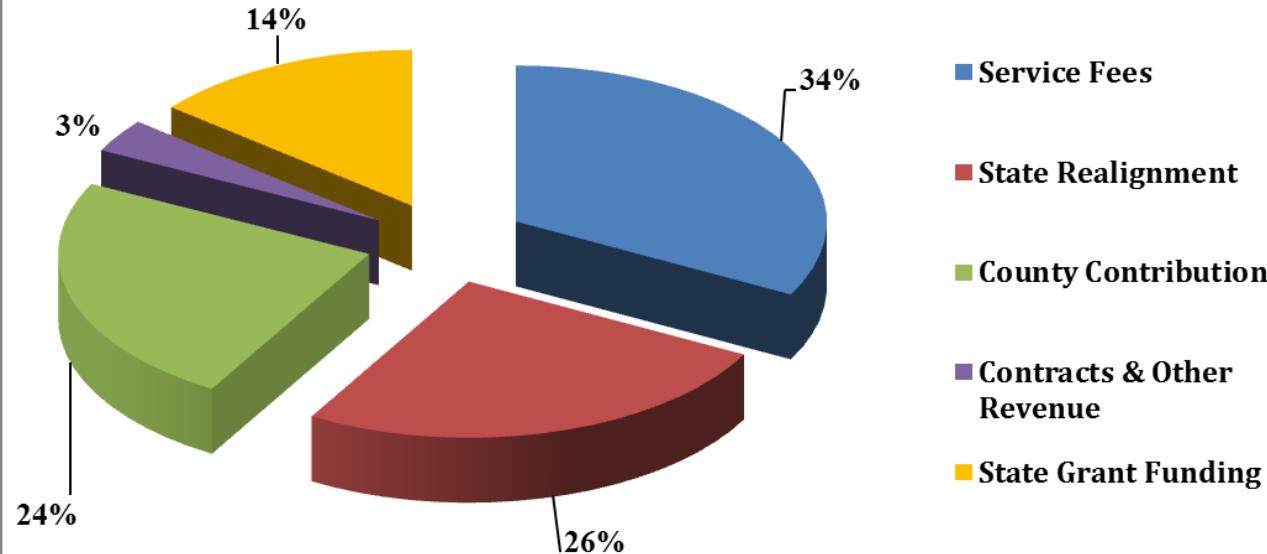
<https://mywaterquality.ca.gov/habs/index.html>



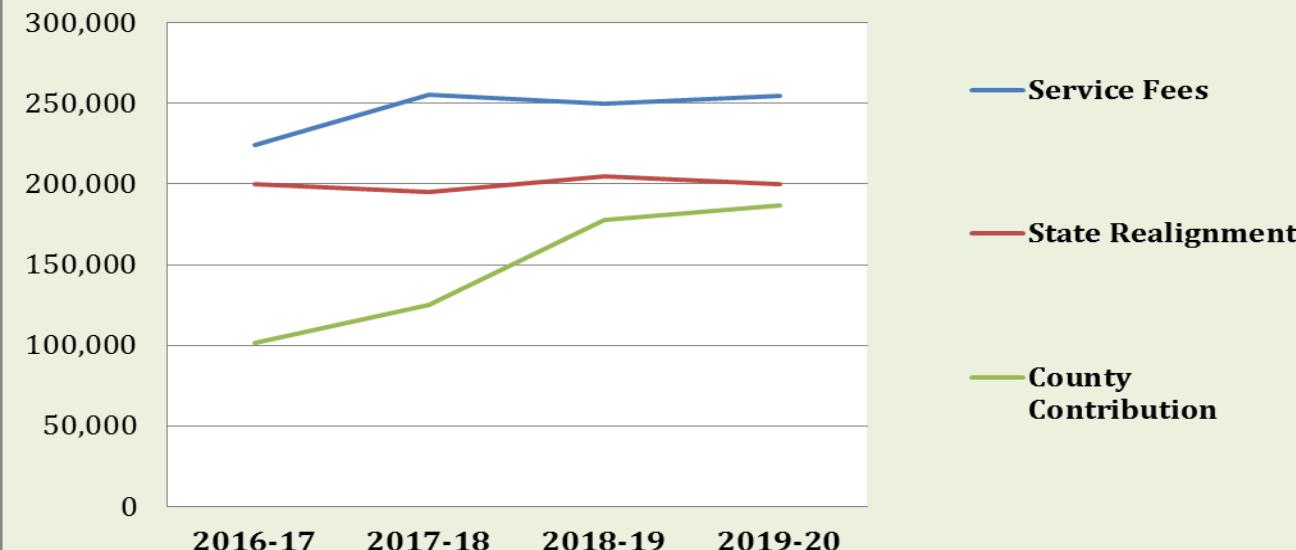
Blue-green algae bloom at  
Willow Lake July 2019



## Revenue by Source FY 2019/2020



### 4 Year Trend Primary Revenue Sources

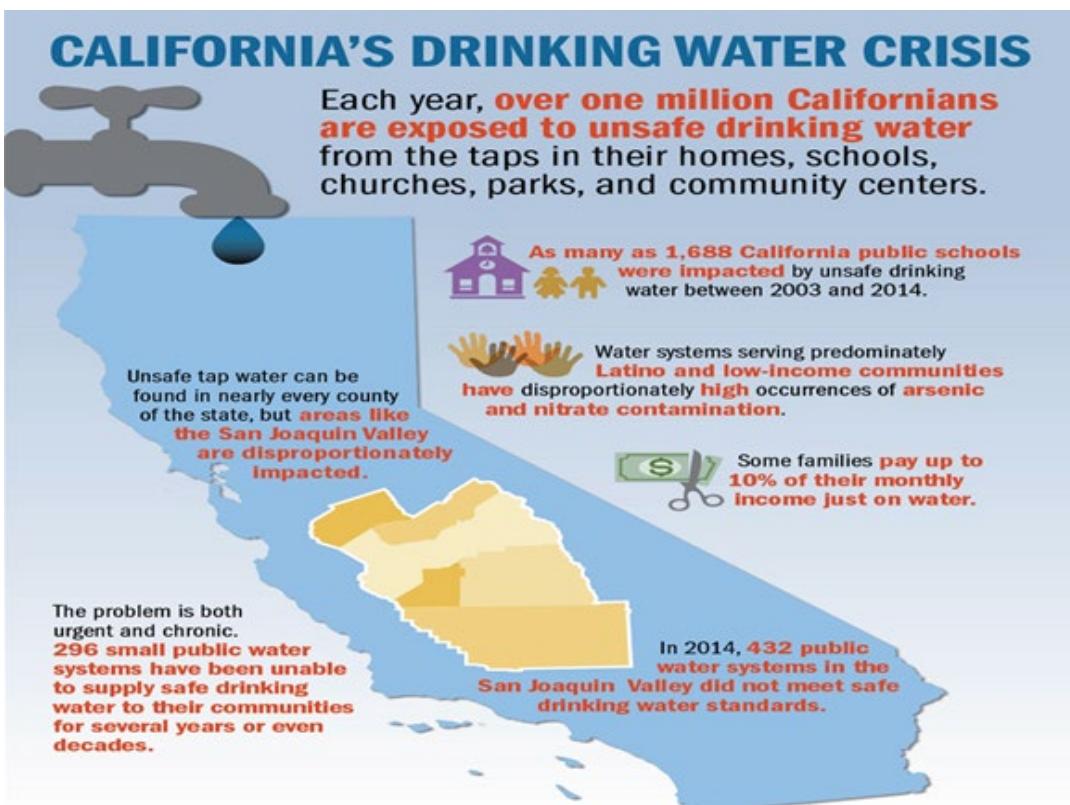


# FY 2019-20 Budget and Finance



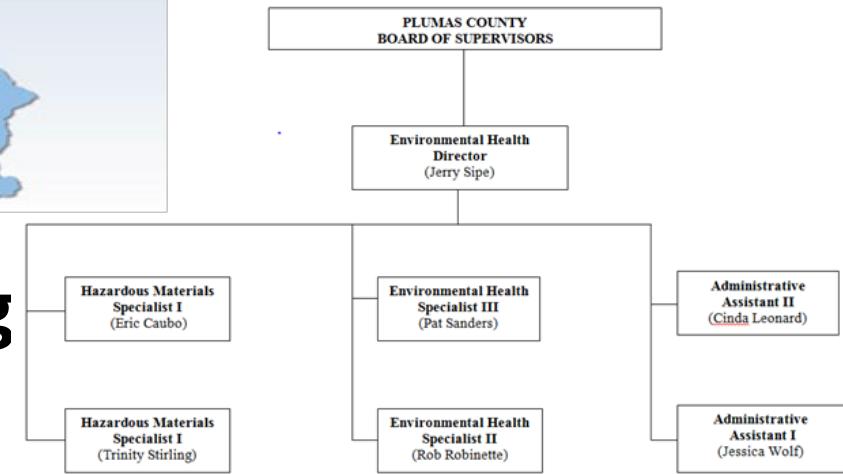
# Notable 2020 Priorities

## 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...



