



Environmental Management Department Overview

Board of Supervisors
February 1, 2023

Jeffrey Warren, REHS, Director



MISSION STATEMENT

*The mission of the Environmental Management Department is to **protect, preserve, and enhance the public health, safety, and environment** through a balanced program of environmental monitoring and enforcement, innovative leadership, community education, customer service, and emergency response for the citizens of and the visitors to El Dorado County.*



Programs

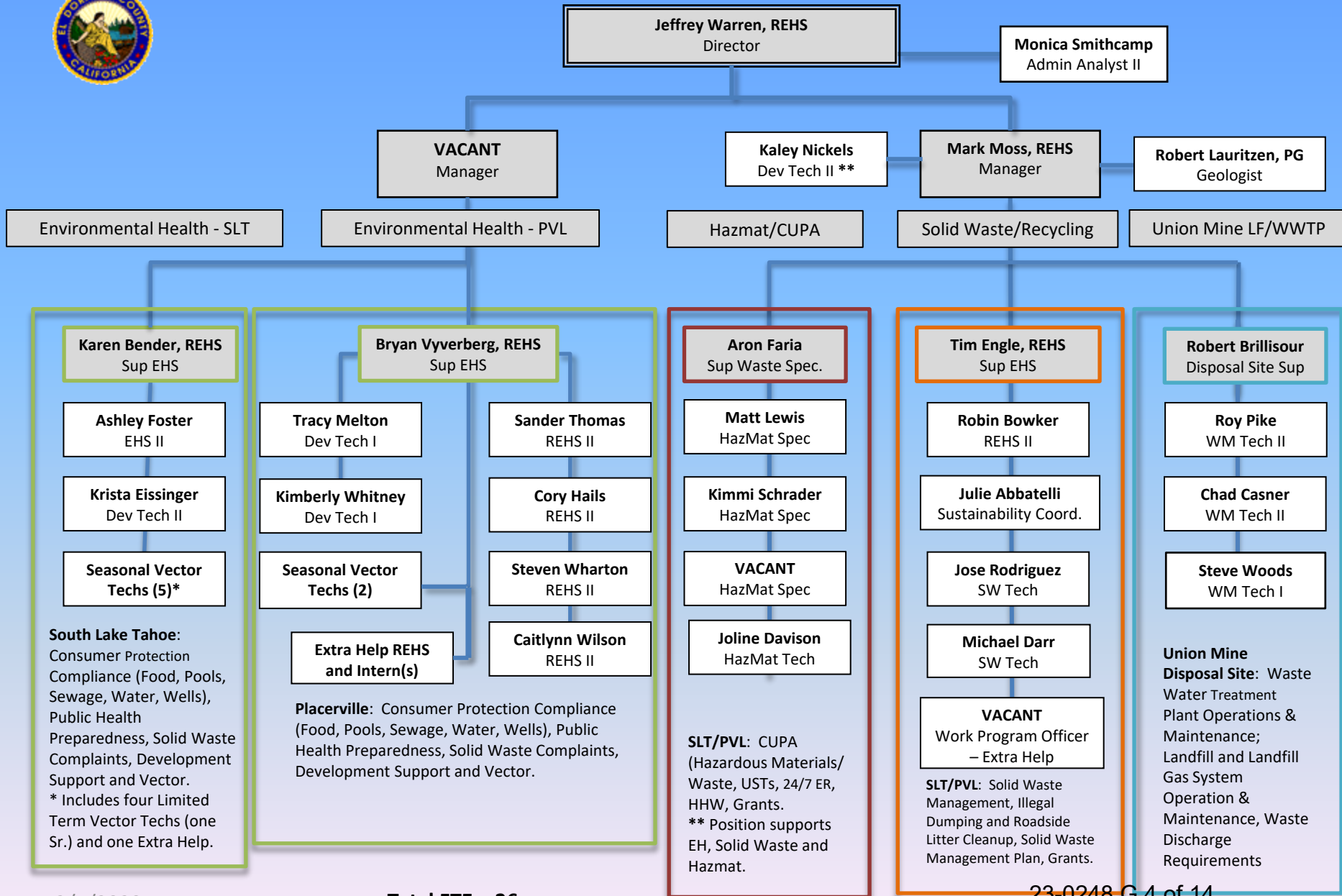
General Fund

- **Administration**
- **Environmental Health**
 - Consumer Protection, Land Use & West Slope Vector
- **Hazardous Materials**
 - CUPA, Emergency Response

Non-General Fund

- **Solid Waste / Recycling**
- **Union Mine Land Fill**
- **Union Mine WWTP**
- **Household Hazardous Waste**
- **East Slope Vector**

Environmental Management Department Organizational Chart





Environmental Health

- Food Safety
- Recreational Water Safety
- Private Water Wells and Public Small Water Systems
- Septic Systems
- Body Art
- Medical Waste
- Epidemiology
- Inspections
- Complaint Investigations
- Plan Checks
- Food Safety Training
- COVID-19 Response
- SB 1383 Education





Hazardous Materials

- Certified Unified Program Agency – CUPA
- Underground Storage Tanks
- Above Ground Storage Tanks
- Hazardous Materials/
Hazardous Waste Permits &
Business Plans
- Household Hazardous Waste
- Grant Programs
- Inspections
- Complaint Investigations
- Plan Checks
- 24/7 Emergency Response
- HHW Collection Events





Solid Waste

- Solid Waste Management Plan
- Construction & Demolition Permits
- Recycling
- Ordinance Enforcement
- Grant Programs
- State Mandated Diversion Programs & Reporting (AB939, AB341, AB1826, SB1383)
- EDSWAC, SLTBWMA, ESJPA



- Inspections
- Complaint Investigations
- Roadside Litter Pickup and Illegal Dumping
- Temporary Sign Abatement
- Oversight of Three Franchise Haulers and Franchise Agreements



Union Mine Disposal Facility

Wastewater Treatment Plant and Landfill

- **Leachate and Septic Waste Processing and Burial**
- **Surface and Groundwater Monitoring**
- **Landfill Gas Monitoring**
- **Operations and Maintenance**
- **Extensive Mandated Reporting Requirements**





Vector Control

East Slope (CSA 3):

- Mosquitos, Yellow Jackets, Plague
- Source Treatment
- Complaint Response & Service Requests
- Investigation and Surveillance
- Public Education
- Best Management Practices

West Slope:

- Mosquitos
- Complaint Response & Service Requests
- Public Education





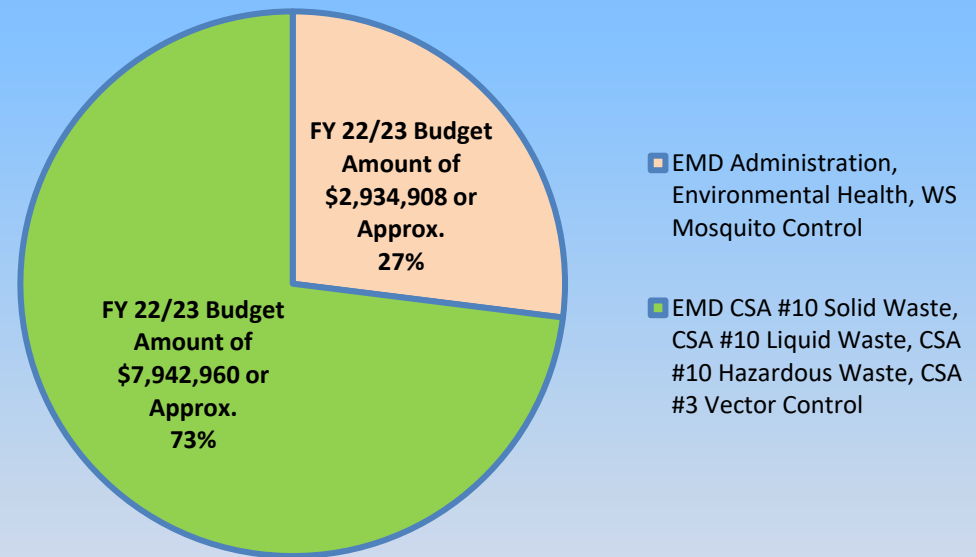
Budget

Environmental Management's Fiscal Year 2022/23 Adopted Budget is \$10,877,686. Of this:

- Approximately 27% is allocated to General Fund Programs, including:
 - EMD Administration
 - Environmental Health – Permit Fees
 - Hazardous Materials – Permit Fees, CUPA/ER
 - WS Mosquito Control
- Approximately 73% is allocated to Non-General Fund Programs, including:
 - CSA #10 Solid Waste
 - CSA #10 Liquid Waste
 - CSA #10 Hazardous Waste (HHW)
 - CSA #3 Vector Control
 - Franchise Fees

* This amount also includes a portion of EMD Administrative costs.

Environmental Management General Fund vs. Non-General Fund Programs



Note: Environmental Management continues to operate at a **Zero Net County Cost**.



Role in the Strategic Plan

- Good Governance:
 - Promote the development of resources to identify and pursue additional revenue including local, state, federal and private funding for new and existing projects
- Infrastructure:
 - Analyze need, coordinate and plan for County facilities, parks and trails including ongoing maintenance, operations and replacement
 - Encourage and support through policy and resources the pursuit of local, state, and federal, private and public funding opportunities to support the County's infrastructure
 - Explore the feasibility of implementing renewable energy sources e.g., solar, cogeneration, fuel cells at County properties
- Public Safety
 - Improved Communication and Coordination between public safety and other agencies and the public during emergencies



Challenges & Initiatives

Challenges

- **SB 1383 Organic Waste Program**
 - **Waivers, Solid Waste Ordinance, Franchise Agreements, Procurement Policy**
- **State-Mandated Inspection Frequencies, & Funding for General Fund Programs**
- **Recruitment for vacancies**
- **Union Mine Compliance with RWQCB Directives & Maintenance**
- **Litter & Illegal Dumping**



Challenges & Initiatives

Initiatives

- **SB 1383 Implementation, Reporting and Tracking Software**
- **Union Mine:**
 - **WWTP Influent Limit Increase**
 - **Landfill Solar Project**
 - **ARPA \$2.9 Million project for headworks**
- **Household Hazardous Waste (HHW) Events**
- **Staffing and Recruitment**
- **Litter & Illegal Dumping Program**
 - **Inmate Program – Hire Work Program Officer**
 - **Volunteer Program**
 - **Surveillance Cameras**
 - **Funding for 3rd party vendor contracts**



Questions?

