Board of Supervisors’ Priority:

**Delivering Efficient Public Services and Community Infrastructure** to benefit residents and businesses

DEPARTMENT OF ENVIRONMENTAL RESOURCES MISSION:

The Department of Environmental Resources strives to promote a safe and healthy environment and improve the quality of life in our community through a balance of science, education, partnerships and environmental regulation.

WHO WE ARE:

Dedicated professionals who skillfully interface with local, state and federal agencies to administer a comprehensive environmental protection program.

Led by Director Jami Aggers, the department is comprised of two Assistant Directors, administrative staff, and seven separate divisions and program managers: Code Enforcement, Environmental Health, Groundwater, Hazardous Materials, Landfill, Milk & Dairy, and Solid Waste.
FISCAL SERVICES

2018

21 Budgets (15 DER & 6 Parks)
Manage/Track over 40 Funds
Accounts Payable
Accounts Receivable
Purchase Orders
Vendor Insurance Approval
Contract Functions
Grant Administration
3 Separate Payrolls (for two different departments)
Auditing Responsibilities
2 Separate Billing Systems
Program Billing Reconciliations
Special Projects

DER's Proposed FY 18/19 Total Operating Budget is $32,321,549
The decrease is due to several large projects that were completed in FY 17/18

Note: The Fiscal Services Operating Budget and Fee Revenue statistics provided in this DER Annual Report do not reflect the Parks and Recreation Department’s Operating Budget, Revenue, or accounting and budget functions that are also performed by the Department’s Accounting Division.

HUMAN RESOURCES

2018

Human Resources is staffed by one Manager, and partially utilizes five Confidential Assistants for recruiting efforts that support 17 uniquely different divisions within DER and Parks & Recreation which includes 41 different classifications with various multiple program responsibilities.

Recruitments and Onboarding
Pre-employment Background Process
Personnel
Personnel Action Forms (PAFS)
Benefits Management
HR Investigations
Discipline
ADA/Civil Rights Complaints
Interactive Process and Medical Work Restriction Agreements
Leave of Absences
EEO & ADA Compliance
Required Trainings Compliance
Records
County/Department Policies & Procedures Compliance
In 2018, the Department maintained code enforcement by investigating 1,474 complaints regarding environmental concerns such as zoning violations, abandoned vehicles, and nuisances creating health & safety issues as follows:

- **177** Investigated complaints of improper or illegal use of recreational vehicles being used for permanent occupancy
- **475** Performed zoning enforcement activities related to non-permitted or illegal land use
- **81** Investigated complaints associated with vehicle storage yards, junkyards and automobile dismantlers
- **476** Investigated abandoned vehicles complaints
- **25** Investigated complaints of vacant structures with uncontrolled access
- **240** Investigated complaints for unlawful accumulations of junk, refuse and rubbish

In addition to investigating these 1,474 environmental complaints, CE also covered up over 800 instances of graffiti and abated 421 abandoned vehicles.

The Board of Supervisors proclaimed the 1st annual Stanislaus County Code Enforcement Officer Appreciation Week in conjunction with California Code Enforcement Officer Appreciation Week on October 7th-13th, 2018.
In January of 2018, Senior HazMat Specialist Alvin Lal served the Sonoma County Environmental Health Department in the multi-jurisdictional disaster recovery of the Santa Rosa Tubbs Fire. As Community Liaison, Alvin applied his training as a HazMat inspector and emergency responder to the deadliest fire in California history at that time. For 13 days, Alvin worked 10 hour shifts assessing and recording the clean up still required at residences in the path of the wildfire, as well as updating local residents about recovery efforts and assistance programs.

HazMat CUPA Programs served 2,354 businesses in 2018:
- Hazardous Materials Business Plan Program
- California Accidental Release Prevention Program (CalARP)
- Hazardous Waste Generator/Tiered Permitting Program
- Underground Storage Tank (UST)
- Aboveground petroleum Storage Act (APSA)

Additional Programs and Services provided by HazMat:
- Medical Waste
- Household Hazardous Waste Collection
- Monitoring Wells
- Mitigation Programs
- Emergency Response Team
- Area Plan

2018 Household Hazardous Waste Facility and Program Statistics:
- 9,351 Households Served
- 510,262 lbs of HHW received at the permanent facility Including:
  - 253,588 lbs of E-waste
  - 44,286 lbs of Universal Waste
  - 9,353 lbs of Sharps
- 29 temporary collection events
- 70,146 lbs of HHW received at temporary collection events
- 47,978 lbs collected into our Reuse Program
- 275 Conditionally Exempt Small Quantity Generator Visits

2018 Household Hazardous Waste Facility and Program Statistics (Total of 763,850 Pounds):
- Paint Care Product (PCPs), 16,262
- Aerosol, 15,360
- Batteries, 20,711
- Mercury waste, 50
- Sharps, 8,053
- Used oil, 86,600
- Recycled liquids, 177,305
- Lead and batteries, 27,394
- Drained oil filters, 2,000
- Antifreeze, 11,500
- Hazardous Waste, 275,287
- Electronic waste, 203,704
- Lead acid batteries, 21,284

2018 HazMat Training and Community Outreach
- Ammonia Live Event Response Training
- Central Valley Chemical Safety Day
- CalARP/RMP Workshop
- Haz Waste Generator Workshop
- Storm Water Workshop
- CERS Workshop
- California CUPA Forum’s 20th Annual Training Conference, presenting “Violation Classification in CalARP”
- Earth Day
- 7th Annual Chemical Safety Day hosted by Stanislaus County
- America Recycles Day
- 4 Drop the Drugs events in partnership with Stanislaus County Behavioral Health and Sheriffs Departments

2018 Committee Representation
- Local Emergency Planning Committee (Local Environmental Position)
- CUPA FORUM Board Member
- Central Valley Chemical Safety Committee (Chair)
- Stanislaus County Emergency Response Team (Technical Reference)
Programs include:

⇒ Food Program
⇒ Recreational Health Program
⇒ Housing Program
⇒ Liquid Waste / Land Use Program
⇒ Water Program
⇒ Body Art Program

In 2018:

- Inspected 2,126 Food Facilities and 392 Mobile Food Facilities
- Served 58 Cottage Food Operations
- Conducted 321 food-related complaint inspections.
- Inspected 426 pools/spas
- Resolved 131 Housing complaints
- Issued 215 septic repair permits and 218 water well permits
- Over 2000 building permits were reviewed by the Land Use / Liquid Waste team
- The Stanislaus County Local Agency Management Program (LAMP) Plan was approved and implemented on May 17, 2018
- Issued 215 Onsite Wastewater Treatment System (OWTS) repair permits
- Served 199 State Small and Public Water Systems
- Inspected 67 permitted body art facilities and 167 registered practitioners

A new type of OWTS made by Presby was installed in 2018. This is the first of its kind in this County. It is more efficient as it uses less dispersal area but doesn’t use electricity and has no moving parts. The cost of the unit is comparable to a similar system. With proper design and maintenance, it can have a longer use-life expectancy than its contemporaries.

All EH’s food-related inspections can be found here:

http://sbtapp1.co.stanislaus.ca.us/DERFoodFacilities/

The site allows users to search by facility name, street name or by city.
**Well Construction activity has declined since the peak of the drought in 2015 and 2016.**

Most of the agricultural wells permitted in the County are in the category of surface water supplementation, indicating that “conjunctive use” or the combined use of surface water and groundwater is a prevailing agricultural practice in Stanislaus County.

Most of the agricultural wells have been permitted in the service areas of the Oakdale, Modesto and Turlock Groundwater Subbasins, areas that are not in a condition of critical overdraft as is the rest of the San Joaquin Valley. This is due in large part to the strong surface water rights held in trust by these public agencies for the citizens of Stanislaus County.
The newest addition to our fleet is the D9(T) dozer with Caron tracks. As tonnages have risen nearly 800 tons per day, the upgrade reduces repair costs, prepares for potential increases in trash in the future, and is California Air Resource Board Tier 4 compliant. This dozer is used daily to push trash and can even break up and compact trash with the Caron tracks when needed.

New Caron Wheels for the 836 Compactor provide new cleat height and design, which helps break up and compact trash. Air space equals revenue and extends the life of the landfill. The increased compaction rate, or tons per cubic meter, allows more trash to fit in a smaller area.

The new Hot Water Pressure Washer helps with preventative maintenance of landfill equipment and vehicles. Two wands allow for two staff members to work on washing and deep cleaning two different pieces of equipment simultaneously.

Upgraded Waste Wizard inbound and outbound scale system

Landfill crews responded to approximately 1,386 illegal dumpsite reports and picked up approximately 1,112 tons of refuse, an increase of 76% from 2017.

Roadside clean up crews collected 2,680 illegally dumped tires.

The new Tarpomatic adds six new tarps to our Alternative Daily Cover and provides the ability to use tarps at the close of business to cover the trash quickly with an effortless removal of the tarps at opening. This allows placing trash on top of trash, therefore saving airspace. The tarps on the Tarpomatic measure 40’x90’ each or 120’x90’ square.

The new Track Mower will help with Landfill cover maintenance, including mowing the side slopes (3:1 slopes). In the future, the purchase of a broom attachment will help us with keeping the site access roads free from debris (rocks, gravel, and dirt).
Like Willy Recycle on Facebook! www.facebook.com/StanislausRecycles
Stay current and up to date on what’s going on in our world.

Mandatory Commercial Recycling AB 341
Since implementation of AB 341 in 2011, we currently realize a 93% compliance rate for qualifying businesses and an 88% compliance rate for multi-family complexes. Outreach and education efforts will continue through 2019 and beyond.

Mandatory Organics Recycling AB 1826
Businesses & multi-family units of 5 or more that generate a minimum of 4 cubic yards of organics are required to recycle. Approximately 138 businesses and multi-family units met this threshold. ALL businesses and multi-family units of 5 or more will be required to recycle organic waste on January 1, 2019, if generating 4 cubic yards of commercial SOLID WASTE.

Outreach, Education & Fun!
- Earth Day
- Graffiti Car Show
- Collected 571 used oil filters during the July Used Filter Exchange
- FREE Paper Shredding and Recycling Event
- 1,350 tires were recycled through the Tire Amnesty Collection Program
- Turlock Swap Meet
- 1,519 pairs of glasses collected during Second Chance Week
- Hosted two showings of Landfill Harmonic at the State Theatre on America Recycles Day
- Adelante Moving Forward at Brett Harte School, Modesto
- Science Fair at Cunningham Elementary, Turlock
- Conducted 27 recycling/stormwater school presentations reaching over 625 K-8 students
- Preschool No Litter Bugs library presentations were conducted at 10 County libraries engaging over 240 children and their caregivers
- Salmon Festival
- Implemented a Clean Boating Program at both County Reservoirs
We inspect to ensure water systems are protected from unsafe supplies by using anti-siphon devices and backflow preventers. Location and placement are critical.

Dairies have water reuse systems in place and most reuse their water at least four times!

Stanislaus County ranks 4th in the State for milk production, behind Tulare, Merced and Kings Counties. Kern is ranked 5th. These top 5 counties make up 72% of the milk production in California!

We look for illegal medications that may not be used for lactating cows. Medications for food producing animals require specific labels and shall be properly stored.

Out of the Top 10 Commodities, Dairies are ranked 2nd to almonds, with chickens a distant 3rd. We do not inspect almond milk.

In addition to our 177 Cow dairies, Stanislaus County has 7 goat dairies and 4 sheep dairies.

We inspect to ensure water systems are protected from unsafe supplies by using anti-siphon devices and backflow preventers. Location and placement are critical.

Some dairies in Stanislaus County use vacuum trucks to pick up waste rather than using water to clean up waste.

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2018

CONTRACTS, SPECIAL PROJECTS, EXPANSION, AND IMPROVEMENTS

Agricultural Center Proximity
Badge Access Enhancement

Tuolumne Building Enhancements

Ceres Storage Clean-up and Organization Project

Household Hazardous Waste Facility Office, Restroom, and Security Enhancements

Agricultural Center County Vehicle Parking Lot Pavement and Graffiti Abatement Shed Move Projects enhanced and increased the use of the area
2018
INFORMATION TECHNOLOGY

Accomplishments:
⇒ Upgraded Landfill WasteWorks Software to control inbound and outbound system including new scale controllers and console
⇒ Department email migration to Office 365
⇒ Connected Modesto Reservoir using Cradlepoint Verizon LTE to County’s Strategic Business Technology through Virtual Private Network
⇒ Added the Household Hazardous Waste Facility Site fiber connection into the County Wide Area Network
⇒ Installed a new Bright Link smart board technology, enhancing Department meetings and presentations

CLERICAL UNIT

Clerical provides support to Environmental Health Inspectors, Hazardous Materials Inspectors, Code Enforcement Officers, Milk & Dairy Inspectors, Solid Waste Inspectors, Parks & Recreation, and to all Customers who come in to our reception.

In 2018, clerical staff processed, tracked and recorded over 4,921 complaints and 20,000 phone calls

SAFETY & TRAINING STATISTICS

♦ 161 Active Drivers
♦ 96% Driver Compliance
♦ 95% Ergo Compliance
♦ 94% HazCom Compliance
♦ 44 CPR/FA Trained
♦ 44 BBP Trained

The Safety Analyst conducted the following training in 2018:
Heat Illness Prevention, Dog Bite Prevention and Spray, Active Shooter Training, Blood Borne Pathogens, Back Safety, Ladder Safety, HazCom, Slips/Trips/Falls, and Workplace Violence
2018 Leader in Sustainability Award
Presented to Stanislaus County Environmental Resources in recognition of our commitment to the environment. Presented by Call 2 Recycle.

Solid Waste Manager, Tom Wolfe celebrated 30 years of service with Stanislaus County.

2018 Cultural Diversity Day
DER & Parks collaborated with Ag, UCCE, and for the first time, Animal Services, for our annual Cultural Diversity Day with cultural booths, music/dancing shows, and a fashion show.

2018 Modesto Spirit of Giving 5K Run
DER & Parks team had 17 participants. Proceeds went to charitable causes.
Today the Stanislaus County Code Enforcement Officers were recognized by the Board of Supervisors. These are the individuals who maintain and improve property values and the quality of life for residents, visitors and business owners. Great job CEOM!