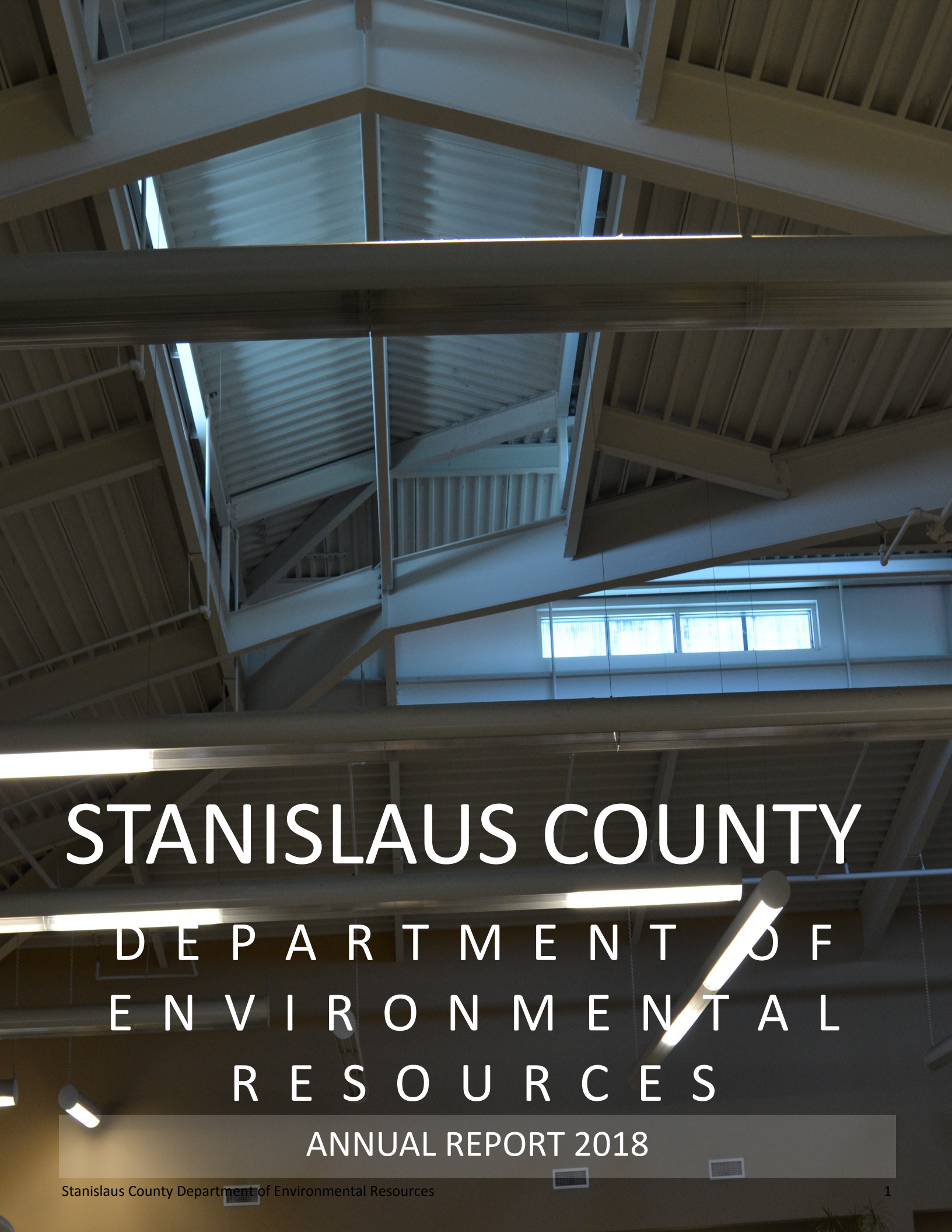


STANISLAUS COUNTY

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ANNUAL REPORT 2018

2018 STANISLAUS COUNTY BOARD OF SUPERVISORS

Kristin Olsen

District 1

Vito Chiesa

District 2

Terry Withrow

District 3

Tom Berryhill

District 4

Jim DeMartini

District 5

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.

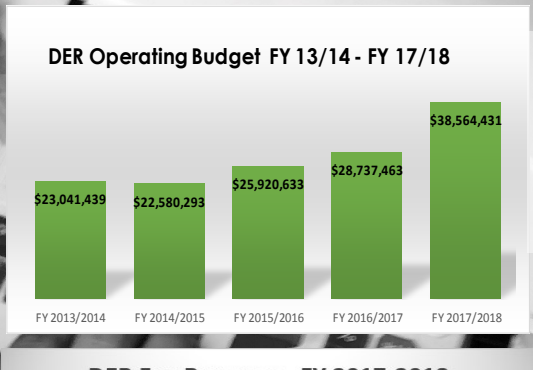
WHO WE ARE:

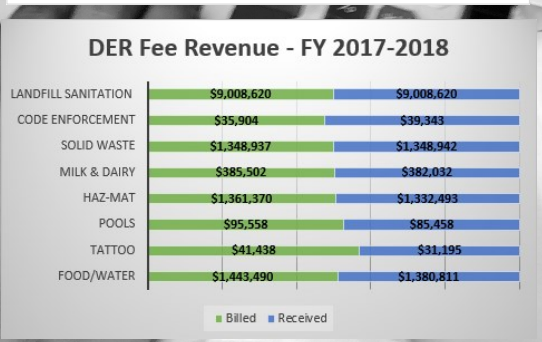
Dedicated professionals who skillfully interface with local, state and federal agencies to administer a comprehensive environmental protection program.

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.

2018
FISCAL SERVICES

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

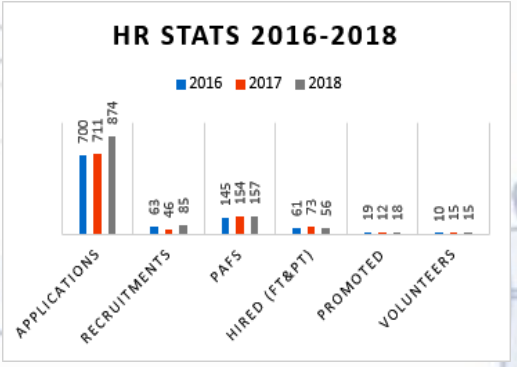
Accounting collects payments via mail, online, phone, journal vouchers, and in person for fines, fees for services, grant claims, change of ownerships, plan reviews, permits, and various State surcharges.

All of Environmental Resources' program accounts are maintained, invoiced, and processed through the accounting office.

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

CODE ENFORCEMENT

2018

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.

Before

After

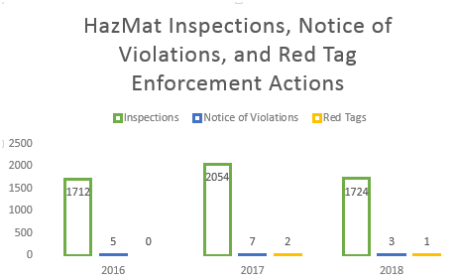
In **2018**, the Department maintained code enforcement by investigating **1,474** complaints regarding environmental concerns such as zoning violations, abandoned vehicles, and nuisances creating health & safety issues as follows:

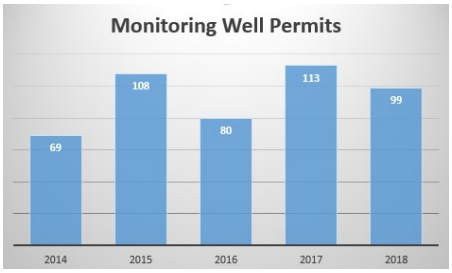
- ◊ **177** Investigated complaints of improper or illegal use of recreational vehicles being used for permanent occupancy
- ◊ **475** Performed zoning enforcement activities related to non-permitted or illegal land use
- ◊ **81** Investigated complaints associated with vehicle storage yards, junkyards 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.

HAZARDOUS MATERIALS

2018





2018 HazMat Training and Community Outreach

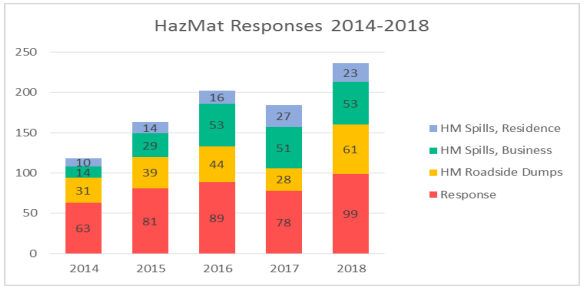
- ◊ Ammonia Live Event Response Training
- ◊ Central Valley Chemical Safety Day
- ◊ CalARP/RMP Workshop
- ◊ Haz Waste Generator Workshop
- ◊ Storm Water Workshop
- ◊ CERS Workshop
- ◊ California CUPA Forum's 20th Annual Training Conference, presenting "Violation Classification in CalARP"
- ◊ Earth Day
- ◊ 7th Annuals 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

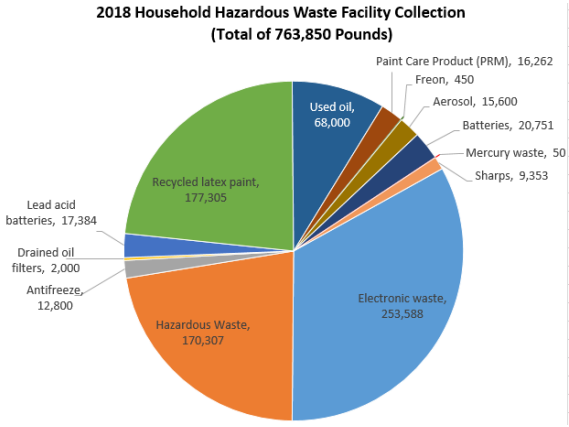
2018 Committee Representation

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

Santa Rosa Fire Disaster Relief

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

Find us on Facebook **facebook.com/StanislausHHW**

stancounty.com/er/hazmat/pdf/household-hazardous-waste.pdf

2018
ENVIRONMENTAL HEALTH

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

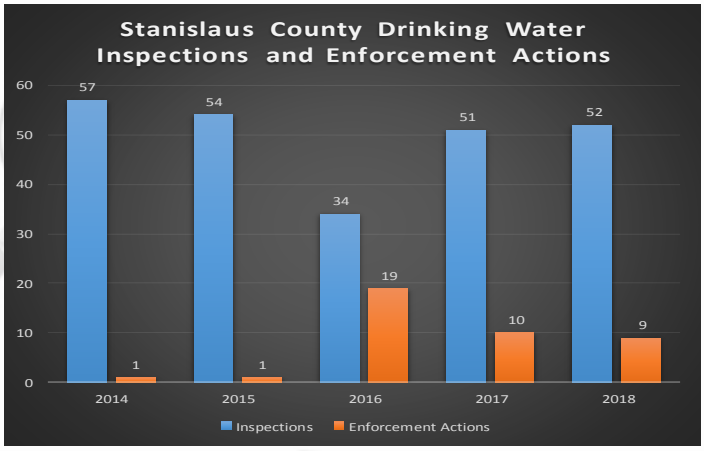
-Over **2000** building permits were reviewed by the Land Use / Liquid Waste team

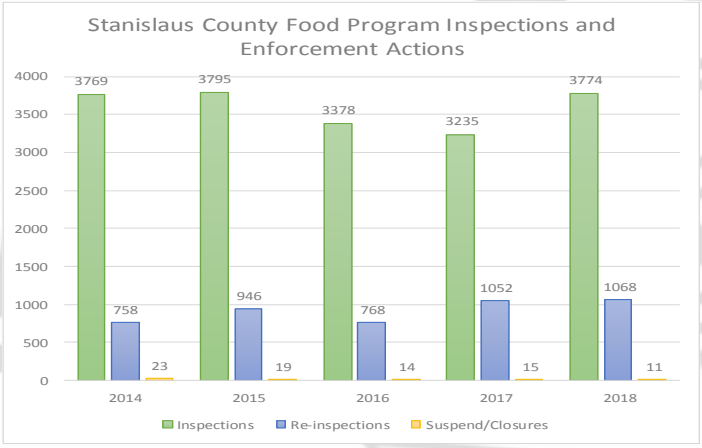
-The Stanislaus County Local Agency Management Program (**LAMP**) Plan was approved and implemented on May 17, 2018

-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





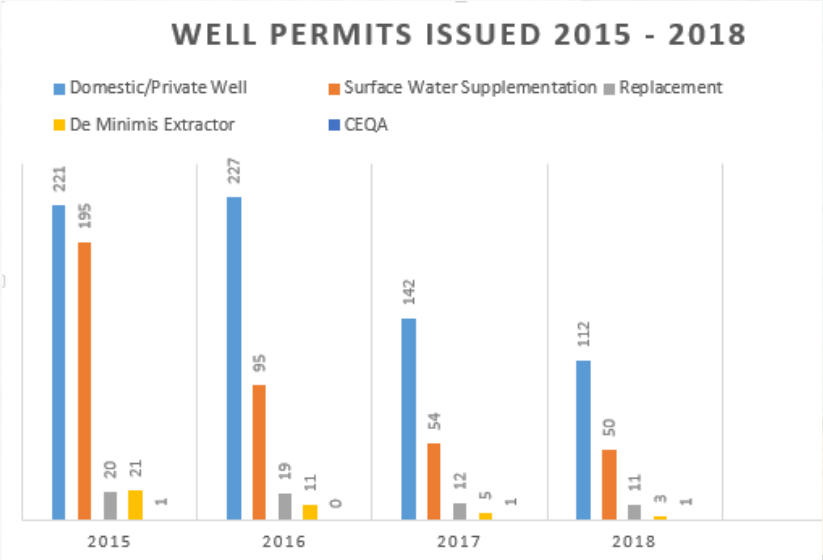
A new type of OWTS made by Presby was installed in 2018. This is the first of its kind in this County. It is more efficient as it uses less dispersal area but doesn't use electricity and has no moving parts. The cost of the unit is comparable to a similar system. With proper design and maintenance, it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

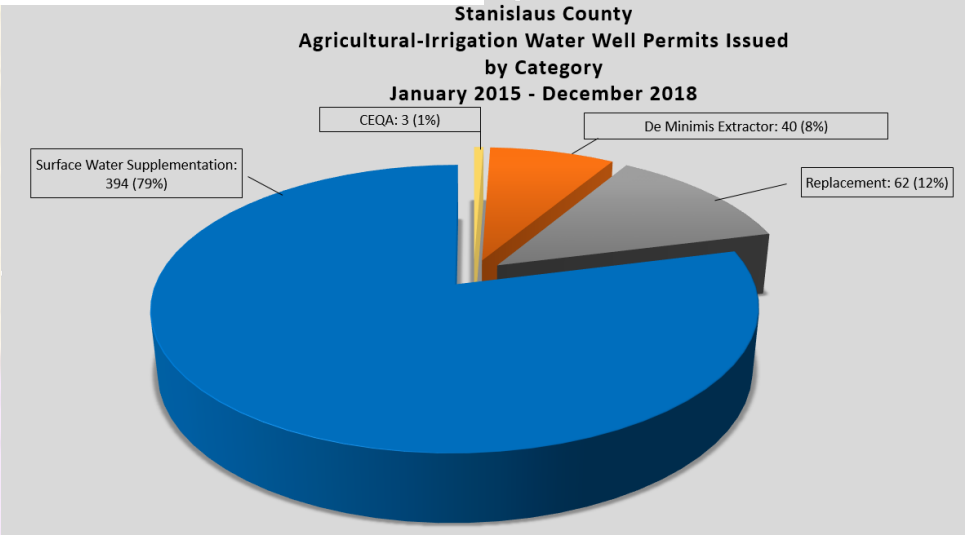
The site allows users to search by facility name, street name or by city.

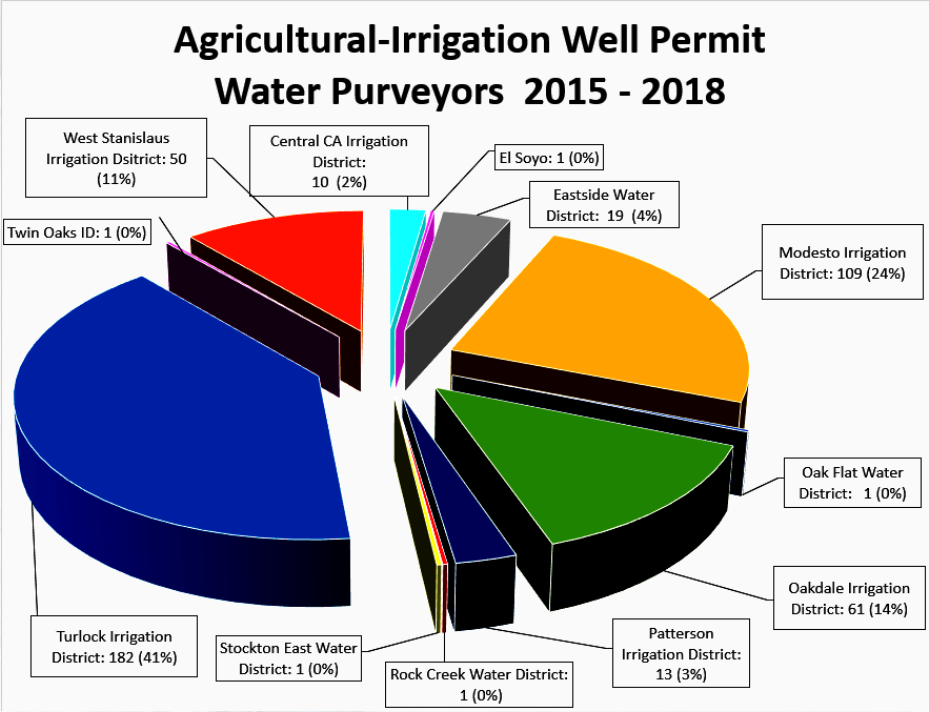
2018
GROUNDWATER



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.

2018
LANDFILL

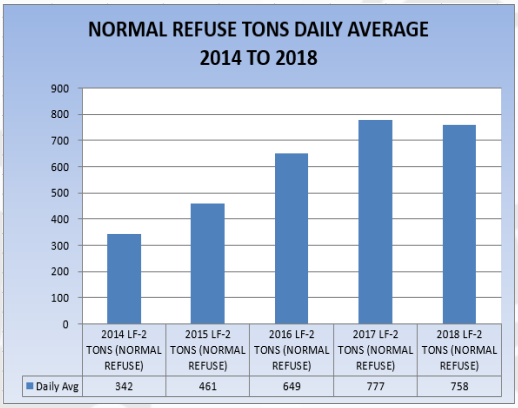
The newest addition to our fleet is the D9(T) dozer with Caron tracks. As tonnages have risen nearly 800 tons per day, the upgrade reduces repair costs, prepares for potential increases in trash in the future, and is California Air Resource Board Tier 4 compliant. This dozer is used daily to push trash and can even break up and compact trash with the Caron tracks when needed.

New Carron 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.

4000 Fink Road or P.O. Box 86,
Crows Landing, California 95313
Main: (209) 837-4800 Fax: (209) 837-4802

8:00 a.m. - 4:00 p.m., Monday - Saturday

Closed on Sundays, July 4th, Thanksgiving Day, Christmas Day, New Year's Day, and after 12:00pm on Christmas Eve



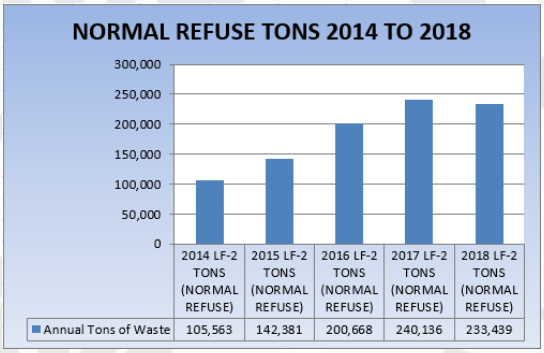
Construction of the new Municipal Solid Waste Cell 6 is 60% complete

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

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.

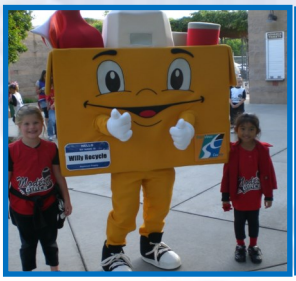
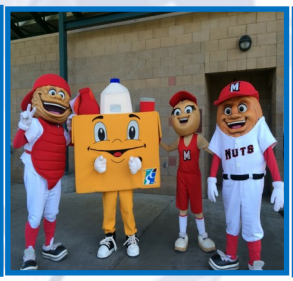
The new Tarpomatic adds six new tarps to our Alternative Daily Cover and provides the ability to use tarps at the close of business to cover the trash quickly with an effortless removal of the tarps at opening. This allows placing trash on top of trash, therefore saving airspace. The tarps on the Tarpomatic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



Upgraded Waste Wizard inbound and outbound scale system

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).

2018
SOLID WASTE DIVISION

Like Willy Recycle on Facebook! **www.facebook.com/StanislausRecycles**
Stay current and up to date on what's going on in our world.

EVENTS!

2,178 stops picking up Bulky Items! That's **506 tons** of junk!

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.

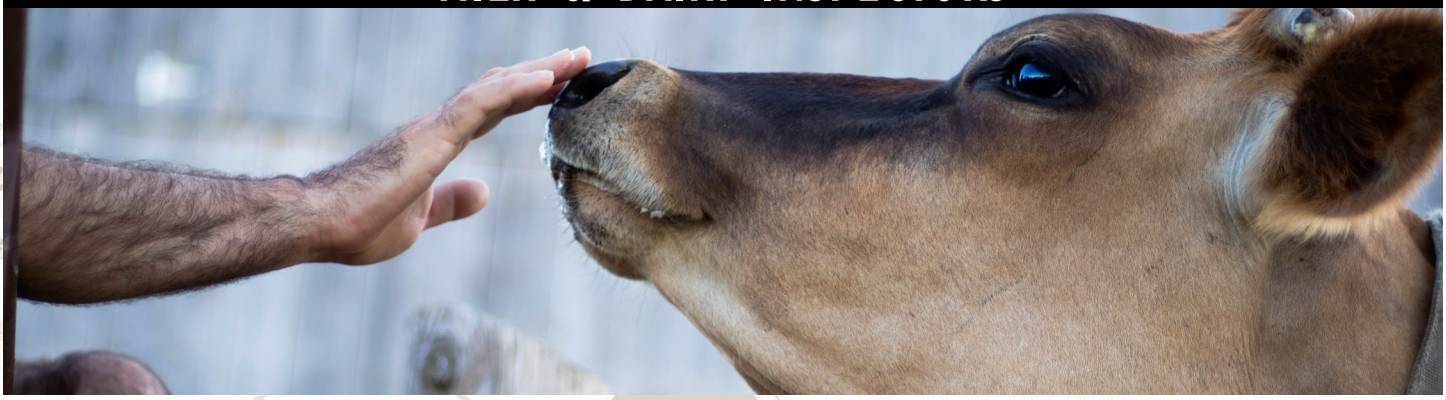
Mandatory Organics Recycling AB 1826

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
- Adelente 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

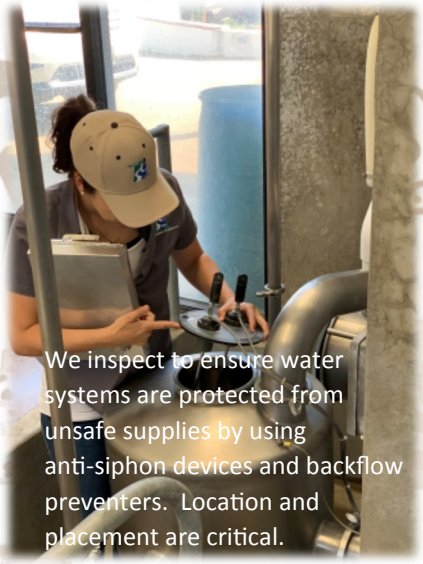
2018
MILK & DAIRY INSPECTORS



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

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!

Stanislaus County ranks **14th in the nation's milk production!**



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.

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.

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

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

2018

CONTRACTS, SPECIAL PROJECTS, EXPANSION, AND IMPROVEMENTS

Agricultural Center Proximity Badge Access Enhancement

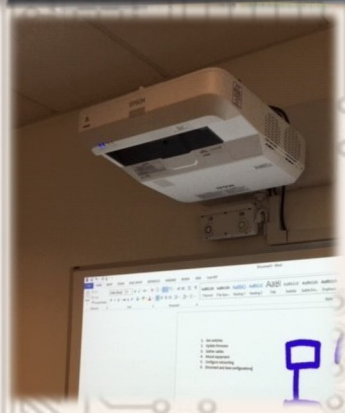
Tuolumne Building Enhancements

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
AWARDS & ACCOMPLISHMENTS

2018 Leader in Sustainability Award

Presented to Stanislaus County Environmental Resources in recognition of our commitment to the environment. Presented by Call 2 Recycle.

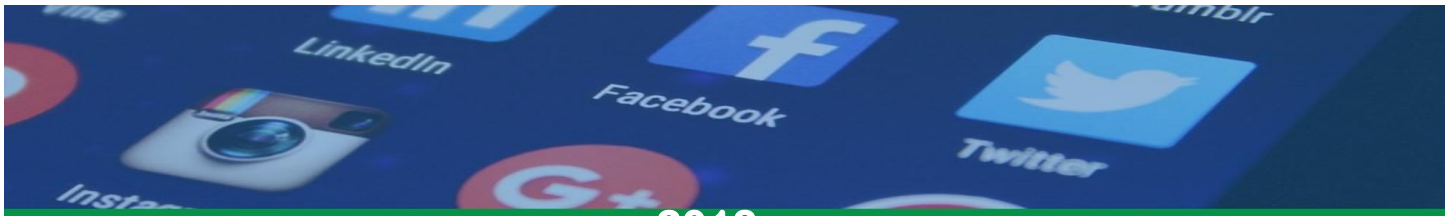
Solid Waste Manager, Tom Wolfe celebrated 30 years of service with Stanislaus County.

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.



2018
DER IN THE NEWS & ON SOCIAL MEDIA

Today the Stanislaus County Code Enforcement Officers were recognized
the Board of Supervisor's meeting. These are the individuals who maintain
and improve property values and the quality of life for residents, visitors an
business owners. Great job CE!!!!

Willy Recycle posted 2 photos.
October 30 · Instagram ·

Our main dude, Willy, turns 10 years old today! Here he is holding an apple pie and so ready to dig in! Happy Birthday, Willy Recycle!

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#willyrecycle #birthday #birthdaypie #applepie #tenyearsold #happybirthday #letsdigin #stanislauscounty #environmentalresources #haveaslice #celebrate @ Stanislaus, California

Willy Recycle
June 26 ·

Calling all DIY's oil changers. Our annual July Filter Exchange Event will be happening in a few weeks. Bring in a used oil filter and receive a free oil filte (not to exceed $12.00) on July 13th, 14th & 15th!

Willy Recycle shared a post.
April 9 at 5:41 AM ·

The Modesto Bee Media Services
March 24 at 8:30 AM ·

Earth Day In The Park - Graceada Park * April 20, 2019 * 10AM – 4PM
Free to the public!
LIVE ENTERTAINMENT! Disc Golf Course & Yoga Demonstrations, Bubblemania & Co., The Silly String Band, DJ Music & Games, Funstrummers, Petting Zoo, Drum Love, O'B-Green Recycling Event, O'Briens Market, FREE Paper Shredding, Electronic Waste & CVR Recycling, Hope Chest Thrift Accepting Donations, Donate Eye Glasses Booth 45, and One Water Education.
Guess the weight or count of recycled a commodity and win! – Sponsored by MODESTO JUNK
Free MAX Bus to Earth Day
Mention Earth Day and catch a ride!
www.modestogov.com/earthday

Willy Recycle
November 13 at 10:43 AM ·

Don't forget!!! This Thursday we are celebrating America Recy
We will have two free screenings of the award winning docume
Landfillharmonic.

Willy Recycle
August 19 ·

The sun is just rising and Stanislaus County is at the fairgrounds at the Turlock Swap Meet!!! Come down to our booth and say hi!!
#stancounty #calrecycle #usedoil #recycleoil #recycleoilfilters

Willy Recycle added 3 new photos — in Hughson, California.
May 5 ·

Here's some of our Hazardous Material staff hard at work and anticipating more customers for Hughson's citywide clean-up.

Willy Recycle added 8 new photos.
April 22 ·

Earthday 2018 was a great success!

Willy Recycle added 2 new photos.
October 10 ·

It's time to clean out your medicine cabinet. Take advantage of the free "Drop the Drugs Event" on October 27, 2018 from 10:00 am to 2:00 pm.

Willy Recycle is at Las Palmas Elementary.
2 hrs · Patterson, CA ·

We hope everyone's excited for sunny springtime weather! Featured h the winning poster for the month of April. This recycling hero comes fr Las Palmas Elementary. What a great poster we have here to remind everyone that Saturday, April 20th, is Earth Day! DER will have a boot Graceada Park from 10-4pm. Pay us a visit to get a copy of our Recyc Calendar!

.

Recycling calendar tidbit: Glass, aluminum, and other recyclables can as little as 30 days to travel through the recycling process and get bac the store shelf as a new product. Wow!

#willyrecycle #stanislauscounty #stanislauscountyDER #stanislauscountySW #StanCoSW #recycle #recyclingmatters #recyclingposter #calendar #february #donate #laspalmaselementary #patterson #cityofpatterson #recyclinghero #earthday #earthday2019

Willy Recycle posted 8 photos.
October 29 · Instagram ·

Wow, what an amazing haul from our first donation location! We are out and about today collecting our other donation buckets from all over Stanislaus County. It sure looks like the Lions In Sight will have their hands full with all these glasses!

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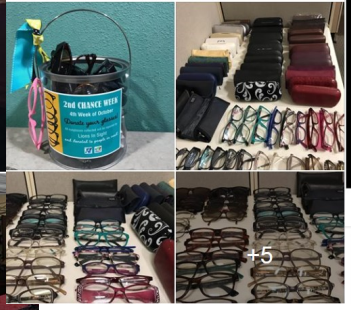
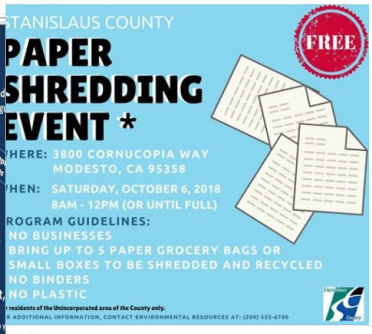
#2ndchanceweek #secondchanceweek #eyeglasses #sunglasses #donation #lionsinsight #stanislauscounty #willyrecycle #eyesight #seeingclearly #amazing #thankful #appreciationpost #cityofmodesto #reuse #reusereducerecycle #thelionsclub #eyeglassframes #icanseeclearlynow #recycledfashion #recycle #recycle♻ #eyeglasses👓 #coolshades #shades #foureyes @ Stanislaus, California



Willy Recycle
September 24 ·

op by our location at 3800 Cornucopia Way for our free paper shredding ent. See picture for details!



Willy Recycle added 3 new photos — at State Theater Modesto
J St.
November 15 at 4:10 PM · Modesto, CA ·

Stanislaus County and the City of Modesto has partnered up to show Landfill Harmonic at the State Theatre for America Recycles Day. Not only did we learn about the Recycled Orchestra of Catuera, we also found that we've got budding musicians in the audience!

Willy Recycle is at City of Modesto - City Hall.
May 23 · Modesto, CA ·

Here are the talented winners of our 2018 Recycling Poster Contest. The winners were recognized during the Board of Supervisors meeting that was held on May 15th.

Willy Recycle shared a post.
March 7 ·

WATERFORD TIRE AMNESTY PROGRAM

WHEN: SATURDAY, APRIL 20TH, 2019
TIME: 8AM - 1PM
WHERE: WATERFORD COMMUNITY CENTER PARKING LOT
540 C STREET

*WATERFORD RESIDENTS ONLY, PROOF OF ADDRESS REQUIRED
*LIMIT OF 10 TIRES PER HOUSEHOLD
*NO TRACTOR OR BIG RIG TIRES
*NO TIRES WITH RIMS WILL BE ACCEPTED
For more information, call City Hall at (209) 874-2328.

City of Waterford
March 7 ·

Got Old Tires??
The Waterford Tire Amnesty Program will be April 20th, from 8 to 1pm, at the Community Center. 10 tire limit per household and proof of address required.