



Solid Waste Program Update

CITY OF DAVIS PUBLIC WORKS UTILITIES AND OPERATIONS



Recology Update

- **Mattress drop-off**
 - 550 mattress collected so far this year
 - 1050 in 2019
 - **Sharps drop-off**
 - 45 gallon container serviced 13x a year
- **CFL collection plans fell through**
- **One-Time Bulky Waste Landfill Voucher**
 - Survey released in November
 - As of the beginning of November, 651 vouchers used



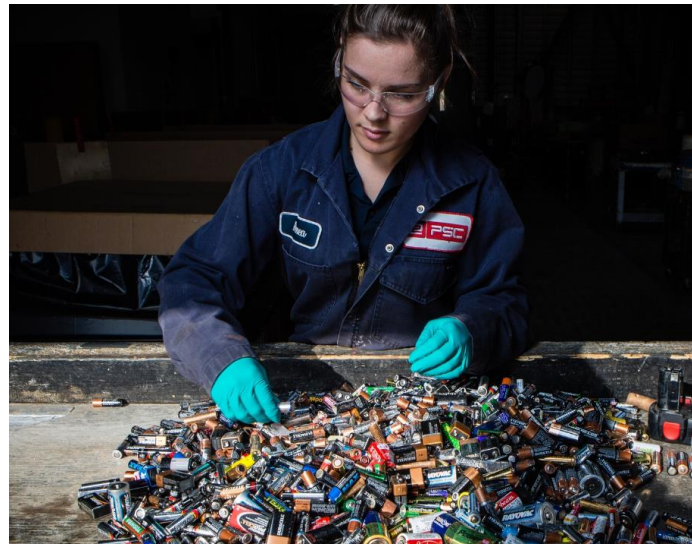
2020: 50 Years of Recycling in Davis!

- April 1970 – a small group of environmentally concerned citizens began a newspaper drop-off recycling program
- Plans to celebrate the anniversary were cancelled due to COVID
 - Recycling bin and zero waste starter kit giveaways
 - Certificates to the founders and key players in the recycling program history
- 2024 will be the 50th anniversary of the curbside recycling program



Hazardous and Universal Waste FY 19-20

- Household battery program: 685 gallons
 - 970 in FY 18-19
- Pharmaceutical Drop-Off at Davis PD: 836 lbs.
 - 1,118 lbs. in FY 18-19
- Yolo County Hazardous Waste Facility
 - Number of vehicles at YCCL HHW Drop-Off: 5,041
 - 5,478 vehicles in FY 18-19
 - Business hazardous waste appointments: 37
 - 51 appointments in FY 18-19
 - Senior/Disabled pick-up: 181
 - 59 appointments in FY 18-19
 - Overall, Davis participation numbers make up 47% of the county program usage
- \$100K CalRecycle Hazardous Waste Grant
 - refillable 1 lb. propane cylinders
 - HHW outreach focused for now
 - Grant term: Aug. 2018 – Sept. 2022



Outreach tools

- Utility bill inserts
- New resident packets (331 sent out January - October 2020)
- Zoom at Noon classes
 - Backyard composting
 - Zero waste made easy
- Supplies – distributed by Recology Davis
 - Food scrap pails and recycling bins
 - Fliers, posters – tri-lingual with images
- Electronic media
 - Social media
 - Monthly Greener Davis email newsletter
 - Zero waste sorting game
 - Videos






Heather Brown

Jennifer Gilbert

CMO Web

What is compost?

- ▶ Nature's own way of recycling
- ▶ The controlled decomposition of organic material
 - ▶ The process includes bacteria, fungi, and other macro and micro organisms
- ▶ A soil amendment product that results from proper composting



Davis

Multi-Family Outreach

- Fliers mailed out in October
 - Various environmental topics covered
 - Electronic versions emailed
- Emails to property managers
- Waste enclosure signage pilot
- No Apartment Move-Out Waste Reduction Program due to COVID



Apartment Drop Boxes 2019 - 2020

	# of properties	2019 drop box tonnage	2020 drop box tonnage	Change (tons)	% Change
All Apartment Properties	64	424.26	482.31	58.05	14%
Non-AMOWRP Properties	30	222.63	209.02	-13.61	-6%
AMOWRP Properties	34	201.63	273.29	71.66	36%



Business outreach

- Recology waste audits – limited due to COVID
 - Focusing on the largest waste generators and apartments
- Printed materials
 - Utility bill inserts
 - Business mailers on solid waste laws (AB 341, AB 1826, AB 827 and DMC 32.01.065)

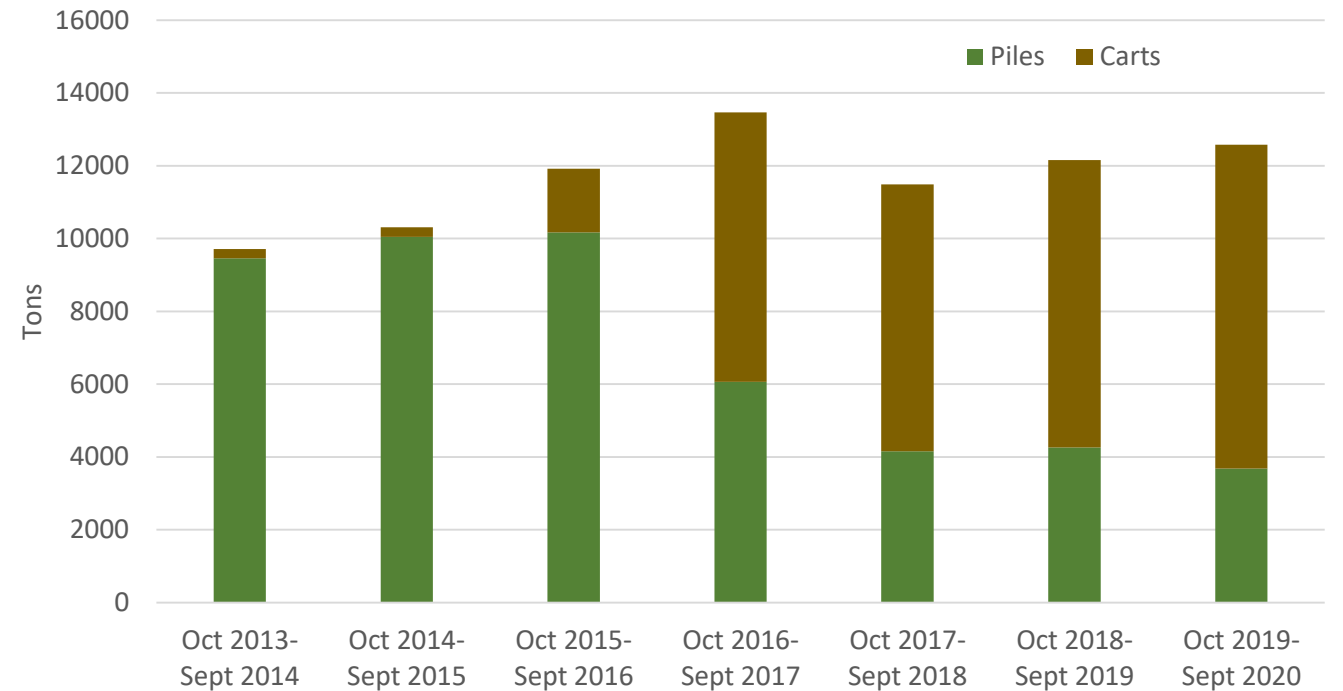


Organics Collection

Total Organics Tonnage

Oct 2013-Sept 2014	9710
Oct 2014-Sept 2015	10,313
Oct 2015-Sept 2016	11,915
Oct 2016-Sept 2017	13,465
Oct 2017-Sept 2018	11,490
Oct 2018-Sept 2019	12,160
Oct 2019- Sept 2020	12,577

Organics Tonnage

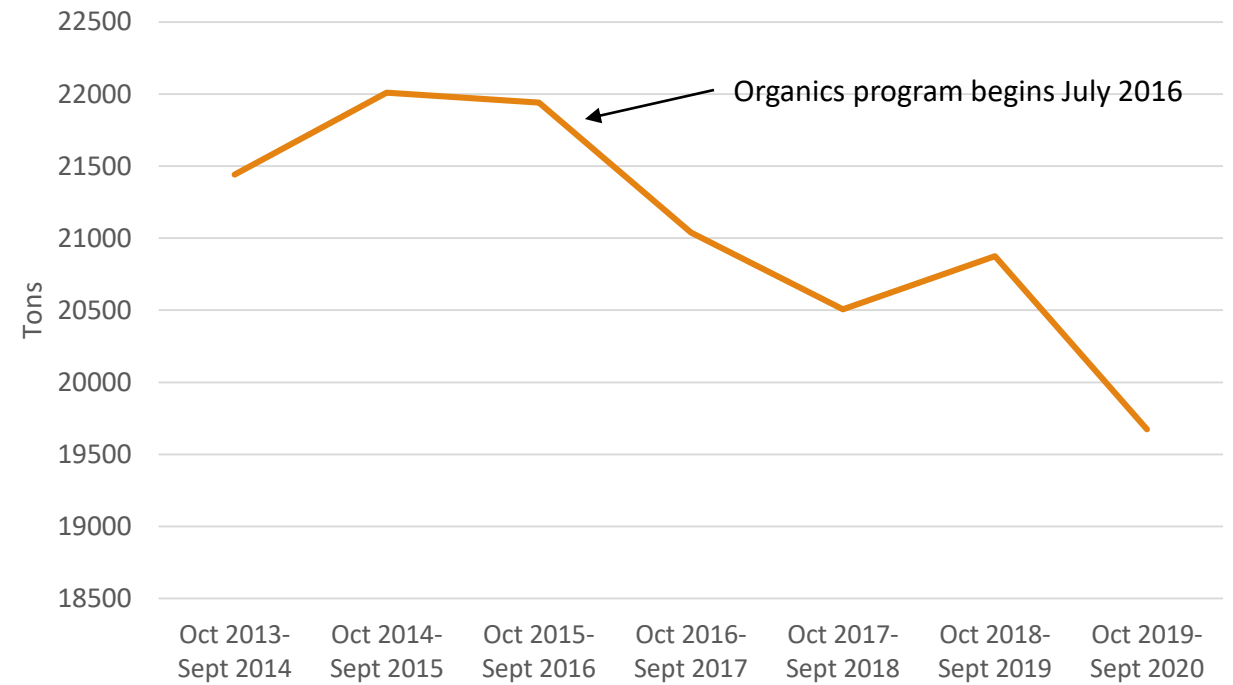


Municipal Solid Waste Collection (Trash)

Total MSW Tonnage

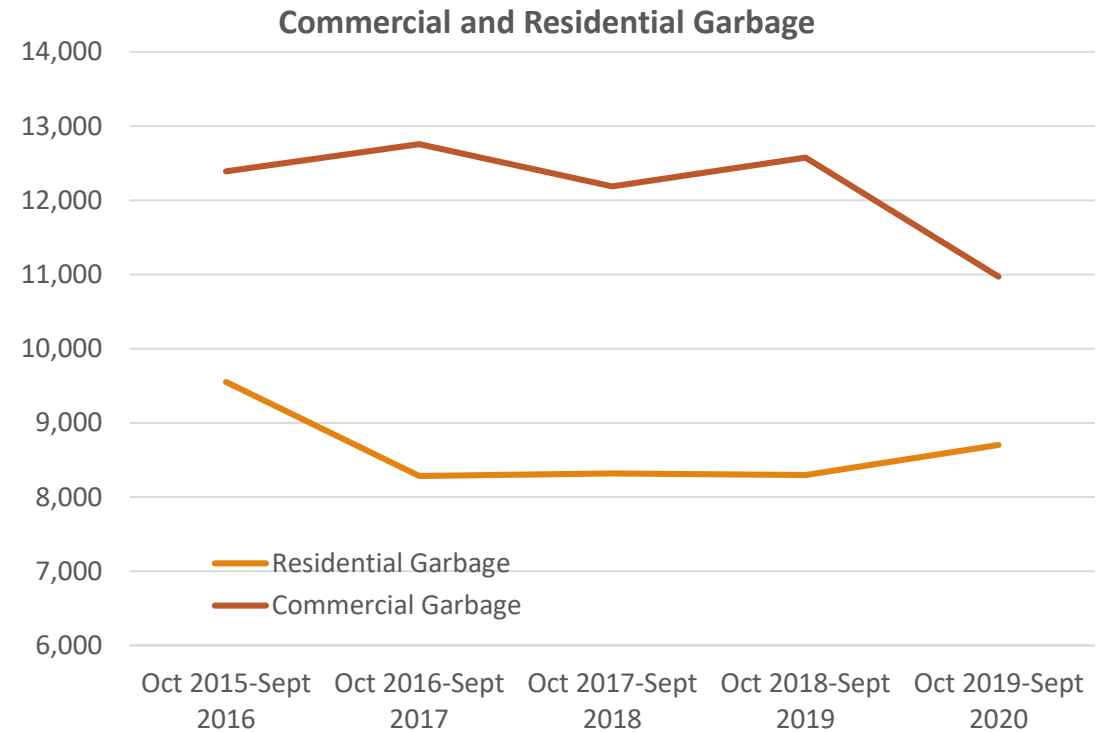
Oct 2013-Sept 2014	21,442
Oct 2014-Sept 2015	22,011
Oct 2015-Sept 2016	21,941
Oct 2016-Sept 2017	21,039
Oct 2017-Sept 2018	20,507
Oct 2018-Sept 2019	20,874
Oct 2019-Sept 2020	19,674

Municipal Solid Waste



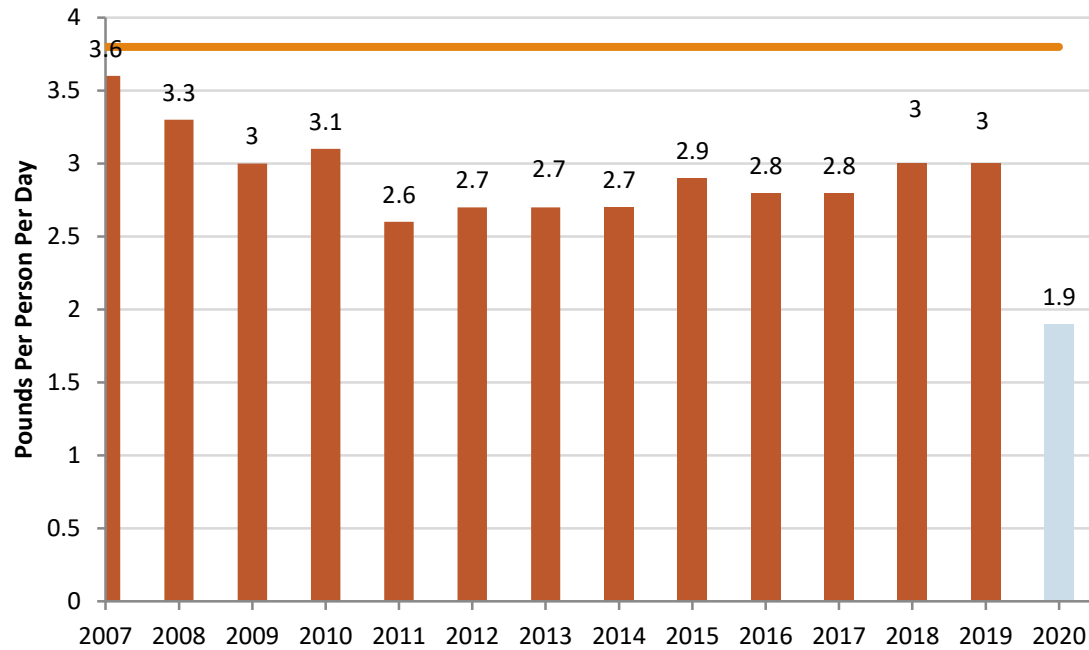
Garbage Trends Due to COVID

	Oct 2015- Sept 2016	Oct 2016- Sept 2017	Oct 2017- Sept 2018	Oct 2018- Sept 2019	Oct 2019- Sept 2020
Residential Garbage	9551.44	8284.05	8319.78	8297.59	8702.57
Commercial Garbage	12389.4	12755.1	12187.37	12576.8	10971.05

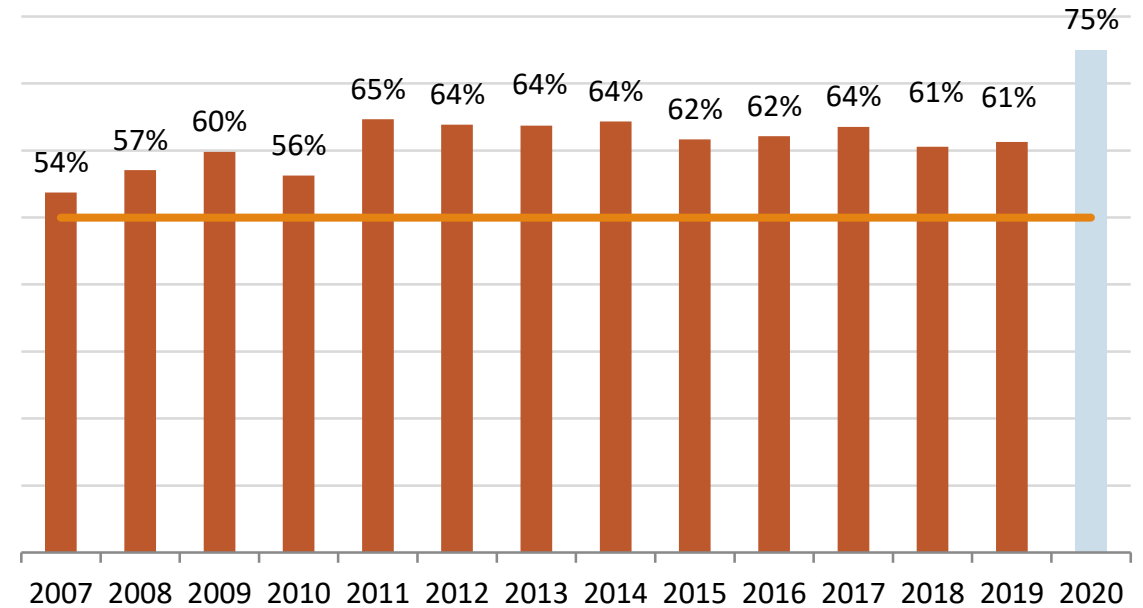


CalRecycle Annual Report

Residential Generation

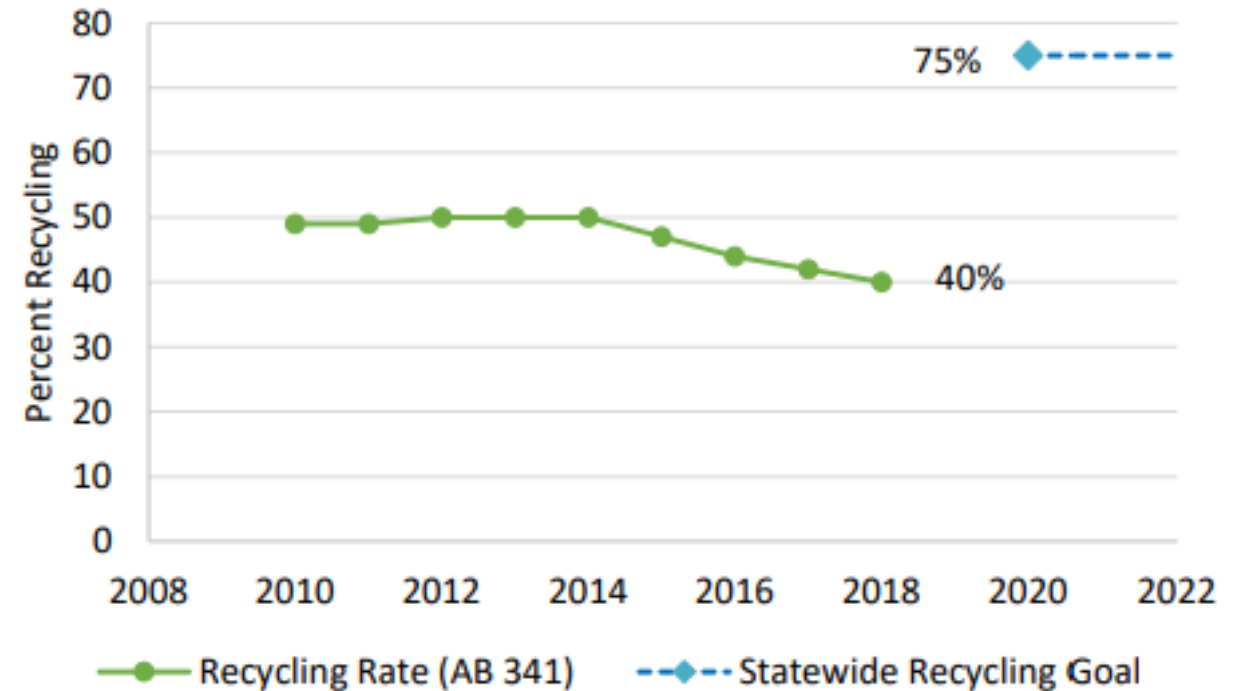


City of Davis Diversion



Statewide diversion and disposal trends

- 2018 Statewide recycling rate was 40%
- Analysis of the Progress Toward the SB 1383 Waste Reduction Goals, Aug. 2020
 - *The amount of paper and cardboard disposal in 2018 alone exceeds the disposal target required by SB 1383.*



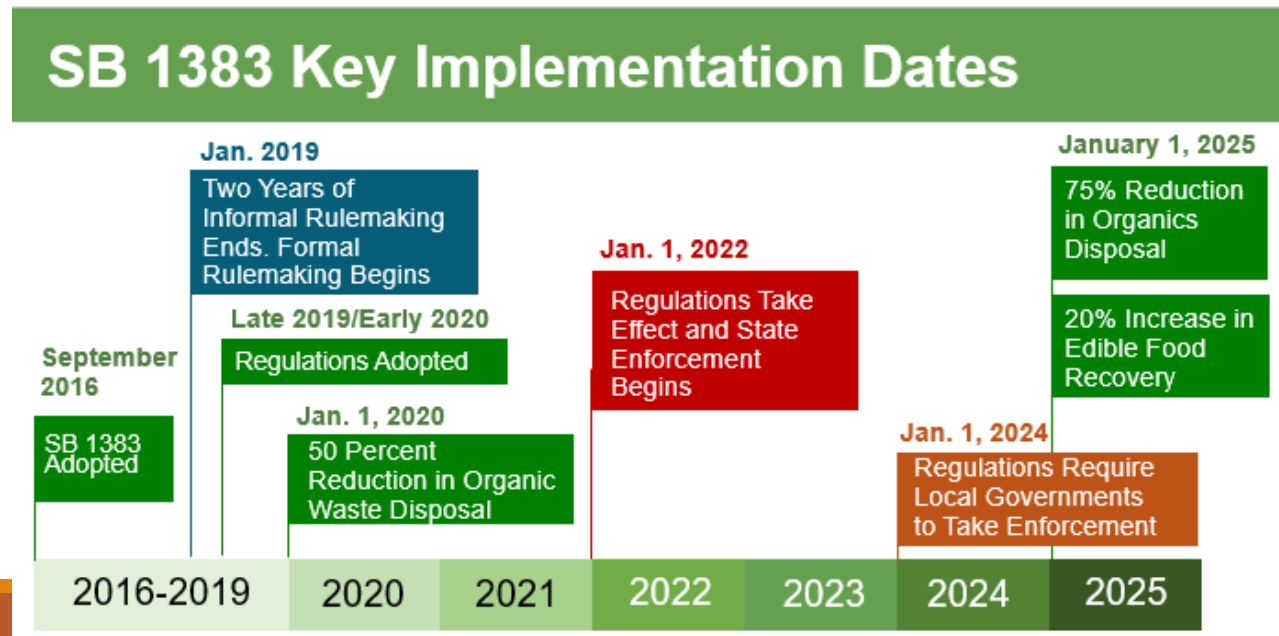
What's Next?

- Focus on cardboard recycling
- 2020 outreach may still be focused on virtual options
 - More videos on waste sorting and organics
 - More Zoom classes?
- Waste enclosure signage for apartments (if the pilot is successful)
 - Particularly cardboard recycling



SB 1383: Short-lived Climate Pollutants

- Outreach specifications
 - Bin color/labeling requirements
 - Edible food recovery programs
 - Regulations should be finalized by the end of 2020
-
- Model tools released by CalRecycle for jurisdictions:
 - Procurement Policy
 - Organics Ordinance
 - Model Franchise Agreement
 - Model tools released by CalRecycle for businesses:
 - Edible Food Recovery Agreement



What's Next?

City of Davis SB 1383 Implementation Plan

- Considering a short term organics waste flow agreement
- Working with Yolo County to review options for County-wide edible food recovery program
- Selecting a consultant to help prepare an implementation plan

Action	Timeline
SB 1383 Implementation Plan Released	August 10, 2020
Selection of consultant to City Council	December 2020
Developing draft plan options	December 2020 – March 2021
Presenting to Commissions for recommendation	March- April 2021
Present to City Council for direction	April – May 2021

DavisRecycling.org



@GreenerDavis

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NEWS

50 Years of Recycling!

One-Time Bulky Waste Landfill Voucher

Despite Global Slowdown, Davis Recyclables Are Still Finding Markets

[More](#)

EVENTS

Zoom at Noon: Avoiding Conflicts with Wildlife
November 05, 2020 12:00 pm - 1:00 pm

Zoom at Noon: Zero Waste Made Easy
November 10, 2020 12:00 pm - 1:00 pm

[More](#)

FACEBOOK

Oct 30
Timeline Photos
Happy pumpkins get composted after Halloween. 🍁

SOLID WASTE AND RECYCLING

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One-Time Bulky Waste Landfill Voucher

August 1 through November 30

What Goes in the Bin?

[Recycling](#) [Organics](#) [Trash](#)

Other Waste

[Seasonal On-Street Collection](#) [Hazardous Wastes](#)

- Public Works Utilities and Operations
 - Environmental Resources
 - Integrated Pest Management
- Solid Waste and Recycling
 - Solid Waste Rates
 - Organics
 - Recycling
 - Garbage
 - Yard Material Collection
 - Hazardous Waste
 - Single-Family Home
 - Apartments
 - Business Programs
 - Recycling Downloads
 - Recyclopedia
 - Zero Waste Games
 - Stormwater
 - Streets
 - Wastewater
 - Water

Contact Information

Phone