

PaintCare

3nd Annual Illegal Dumping Conference April 20, 2023





1 – PaintCare overview

2 – How to utilize PaintCare for illegal dumping: "A case study with SF Department of Public Works"





Estimated 10% of architectural paint goes unused each year. 10%



Statistics shown here were calculated as of Jan. 2023





American Coatings Association & PaintCare

American Coatings Association (ACA)

Member organization that advocates on behalf of manufacturers of paint and coatings for architectural, industrial maintenance, original equipment manufacturer, and specialty coatings and raw material suppliers. Membership is voluntary.

PaintCare

A subsidiary of ACA, PaintCare is a stewardship organization that designs and operates the paint manufacturer-led recycling programs in states that pass paint stewardship laws.



Paint Stewardship Legislation



Develop, fund, and operate comprehensive paint management program

- Reduce, reuse, and recycle paint in an environmentally responsible manner
- Provide convenient recycling opportunities
- Conduct public outreach and education
- Develop a program plan to be approved by the state oversight agency
- Provide annual report with independent financial audit

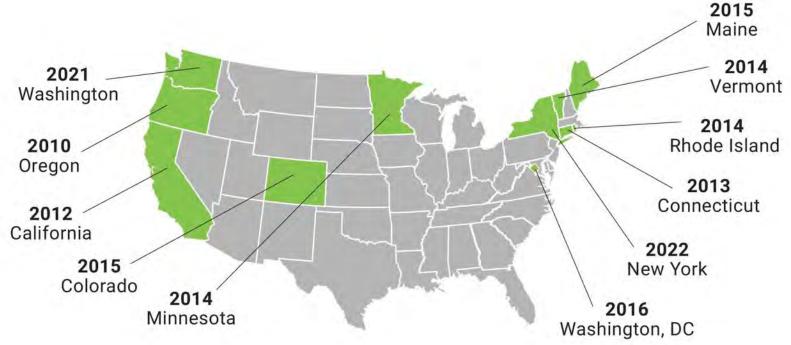


PaintCare Program Goals

- Increase convenience and recycling opportunities
- Reduce cost and responsibility for state and local governments
- Manage paint in an environmentally responsible manner
- Conduct education and outreach
- Establish sustainable funding mechanism



Paint Stewardship in the US





Voluntary drop off sites

Approximately 56% of paint collected in CA comes from local government facilities and 44% from retailers



Municipal household hazardous waste (HHW) collection facilities and events



Paint retailers, such as paint, hardware, home improvement, lumber yards, and reuse stores *Find other drop off sites in your area at <u>www.paintcare.org</u>*



Waste transfer stations, landfills, recycling centers, public works yards, and other appropriate facilities



Large Volume Pickup Program

Free service

100 gallon minimum

Schedule a pickup at https://www.paintcare.org/larg e-volume-pickups/





Cover the cost of supplies, transportation, and management of paint

PaintCare will train staff on how to operate PaintCare program at your facility

Must ship 3 bins at a time





PaintCare offers one-day drop-off events in areas where drop-off sites aren't as conveniently located or where there is a higher demand for paint recycling.





Radio, newspaper, social media, and direct mail

Funding is typically proportional to the amount of PaintCare information provided on the project

Project must be reviewed and approved by PaintCare prior to advertisement date

Fill out proposal form at paintcare.org/jointoutreach/





What happens to paint collected by PaintCare?

Latex Paint

- 5% Reuse
- 65% Recycled into Paint
- 15% Alternative Use
- 15% Waste-to-energy (biofuel), incinerated, or landfilled (dry/spoiled paint)

Oil-based Paint

- Small amount distributed for reuse or back into paint
- Majority is used in fuel application (incineration)



PaintCare July 1, 2021 - June 30, 2022

MILLION GALLONS Processed 89% latex 11% oil-based

67% Of total latex paint collected was recycled back into paint

847 YEAR-ROUND DROP-OFF SITES





OF TOTAL PAINT COLLECTED WAS REUSED



Large Volume Pickups

PaintCare Program Milestones

Statewide paint stewardship laws have been passed in the United States

11

50_{Million}+

Gallons of postconsumer paint collected to date

600,000

Gallons of paint collected each month in nine programs (estimate)

5,600+

HHW and other events, including 250 PaintCare-run events

5,000+

Large Volume Pickups

75% Paint collected is latex (water-based) paint, the remainder is solventbased paint 2,000+

Year-Round Paint Drop-off Sites 98%

PaintCare maintains year-round sites within 15 miles of 98% of the combined populations of its program state

Millions of dollars saved annually for local and state governments!



Where does PaintCare fit with illegal dumping management?

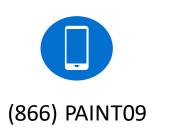
- Ease of management of waste collected
- Assistance with transportation, disposal costs
- Outreach and education to our communities





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MUNICIPAL HAZARDOUS WASTE PROGRAM

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POPULATION HEALTH DIVISION SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Municipal Hazardous Waste Management Program







CCSF Hazardous Abandoned Waste



Sli de 21

Hazardous Waste Generated by Public Works

Spent Latex Paint Used Motor Oil Oil Based Paint Spent Flammable Aerosols Fluorescent Lamps Lead Paint Chips Flammable Solvents Used Needles



Unknown Abandoned Waste Analysis

HazCat

FTIR (Infrared Spectrometer)

Raman spectrometer

GC/MS (Gas Chromatograph/Mass Spectrometer)

M8 Paper

Dragger Tubes



CCSF Abandoned Waste

Latex Paint Used Oil **Oil based paint** Flammable Aerosols **Compressed Gas Cylinders Flammable Solvents Oil Filters Universal Waste Household Cleaners** Pesticides



Sli de 24 Paint Care Partnership since 2017

CCSF has recycled about 169,358 Lbs. of latex and oilbased paint.

CCSF has saved about \$166,550 in paint recycling/disposal fees.



Expanding PaintCare to SF Airport and De Young Museum

Both facilities combined generate about 20,000 lbs/year of spent latex and oil-based paint.







THANK YOU!

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POPULATION HEALTH DIVISION SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH