



PaintCare

3rd Annual Illegal Dumping Conference

April 20, 2023





Agenda for today

1 – PaintCare overview

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

3 – Q&A

Why PaintCare?

Estimated 10%
of architectural
paint goes
unused each
year.

10%



That's approximately
84 million gallons.

Enough to paint
around 8 and a half
million homes.



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 www.paintcare.org



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/large-volume-pickups/>





Reoccurring Large Volume User

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 Events

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.





Joint Outreach

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/joint-outreach/





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

3.6

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



9%

OF TOTAL PAINT COLLECTED WAS REUSED

646

Large Volume Pickups



PaintCare Program Milestones

11

Statewide paint stewardship laws have been passed in the United States

50 Million+

Gallons of post-consumer paint collected to date



600,000

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

5,600+

HW and other events, including 250 PaintCare-run events



5,000+

Large Volume Pickups



75%

Paint collected is latex (water-based) paint, the remainder is solvent-based 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



Thank you!

Iranzu Morras

California, Senior Program Coordinator

imorras@paint.org

323 204 2080



PaintCare
901 New York Ave.
NW Suite 300W
Washington, DC
20001



(866) PAINT09



info@paint.org



MUNICIPAL HAZARDOUS WASTE PROGRAM



Senior Environmental Health Inspector
Humberto Quinonez



POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Municipal Hazardous Waste Management Program





Municipal Hazardous Waste Management Program

- Ensures that Hazardous Waste generated by City Departments is properly managed and disposed.
- Responds to illegally dumped hazardous waste.

CCSF Hazardous Abandoned Waste



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



Paint Care Partnership
since 2017.

CCSF has recycled about
169,358 Lbs. of latex and oil-
based 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!

Humberto.quinonez@sfdph.org

(415)252-3977



POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH