

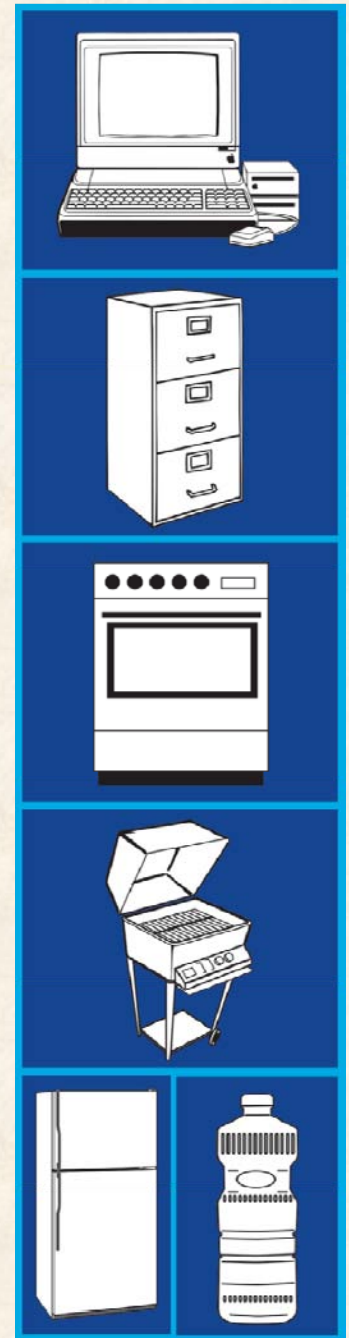
**RECYCLE**  
**JOIN**  
**NAPA**  
**TO RECYCLE**  **MORE**

## + What is the new “Recycle More” Program?

The **Recycle More** program refers to a new curbside recycling program that would offer City (NRWS) customers collection of certain “positive” market value recyclables that can not be serviced by the traditional “single-stream” collection routes.

Items proposed to be included initially are:

- Electronic Waste (“ewaste”)
- Large Metal Items & Appliances
- Cooking Oil





## The Service Vehicle

NRWS will service the **Recycle More** route with a Peterbilt 330 hybrid-electric clean air truck with:

- \* \$30,000 in clean air vouchers towards purchase
- \* Up to 37% reduction in fuel usage and emissions vs. diesel





**+ The “Recycle More” service will collect:**

**\* All Electronic waste (“ewaste”) at no charge.**

**\* Ewaste requires special handling .**

**\* Ewaste does have a scrap and “deposit” value from the State .**



## + The “Recycle More” Service

- This program is intended for oversized appliances & metal items (over 36”) that normally would not fit in the blue recycling cart





## Cooking Oil

While we are at it —  
**Recycle More** will pick  
up used cooking oil.



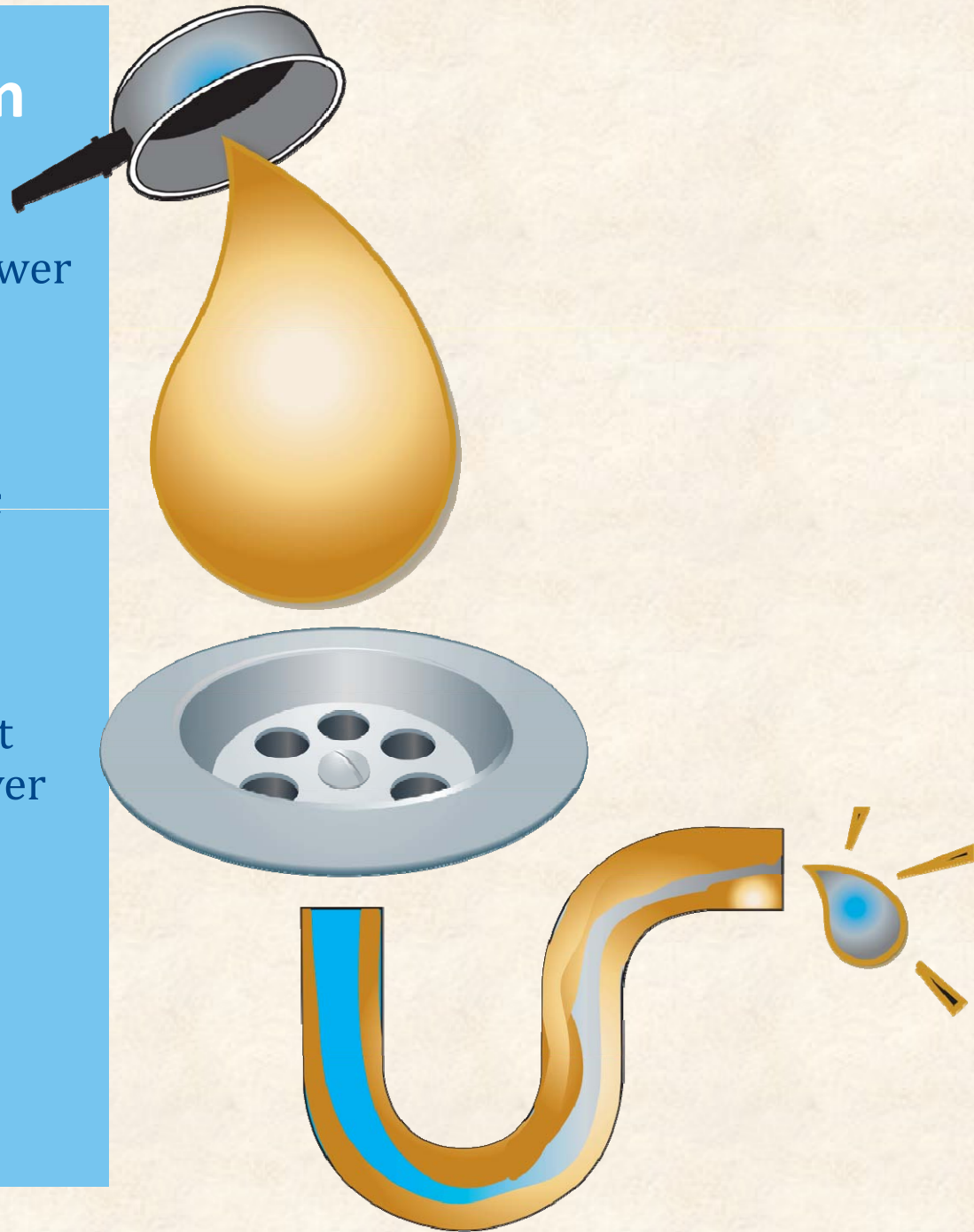


## + FOG = problem

- \* All fats, oil and grease (FOG) clog drains and sewer systems

- \* The **Recycle More** program addresses basic fryer & cooking oil only (the “O” in FOG)

- \* Napa Sanitation District (NSD) will partner to cover 10% of program costs, potentially more in the future if program can be expanded to include all FOGs



## + Disposal Issues

- \* Current options for disposal are problematic
- \* Cooking oil down the drain contributes to FOG clogs.
- \* Liquid disposal in trash is illegal
- \* Solidifying cooking oil for disposal is problematic & messy
- \* Most people won't drive to recycling center for disposal.





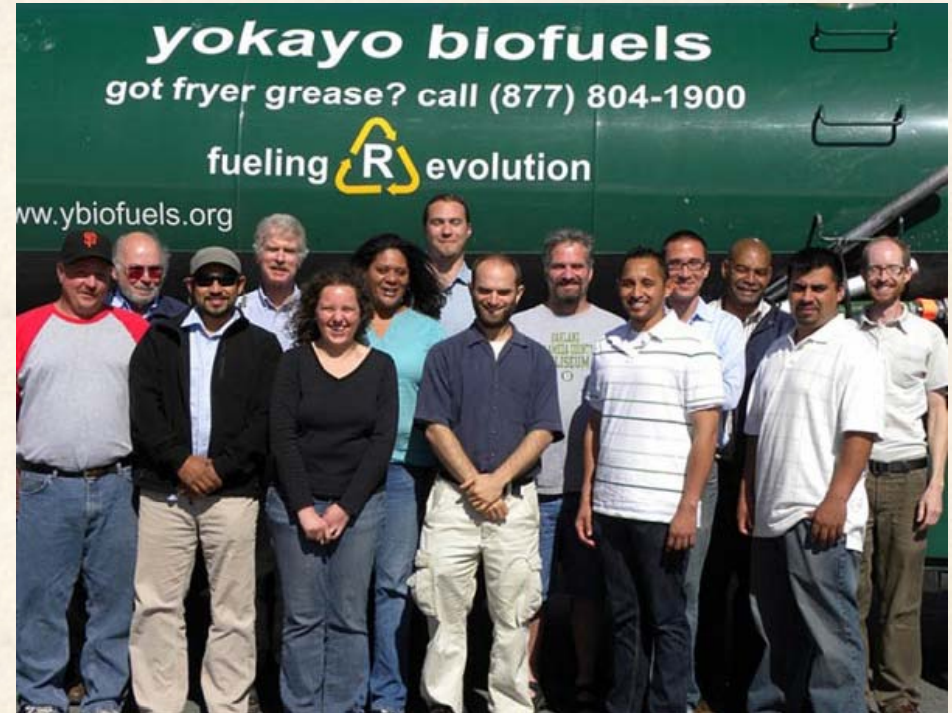
## + Cooking Oil Details

- Upon request, NRWS customers will be provided with a 1-gallon metal can to store used cooking oil
- The **Recycle More** program will pick-up the used cooking oil and replace the can with another empty can



## + Cooking Oil into Biofuel

- Cooking oil will be collected and consolidated at the Napa MDF
- Yokayo Biofuels will pickup used cooking oil on their regular Napa collection route (and pay the market rate per gallon for the used oil)
- Yokayo Biofuels recycles cooking oil into biodiesel at their Ukiah facility
- Fuel is then sold at from their facility or at Bay Area biodiesel filling stations

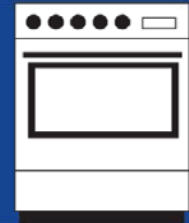


The good folks at Yokayo, serving Mendocino, Lake, Sonoma, Marin & Napa counties



## + Recycle More City-NSD “Deal” Points

- City will cover 90% of cost of new truck over three years and NSD will contribute 10% of truck costs.
- City/NRWS will pay for 90% of cooking oil collection containers with NSD again contributing 10%.
- Approximate annual cost to NSD is \$5,000/year for the first three years, dropping to about \$2,000/year thereafter.





## + Benefits to NSD

- Reduces residential cooking oil in the wastewater stream.
- Potential for future expansion to include all fats, oils and grease.
- Provides educational opportunity for “No FOG down the drain” message.
- Enhances partnership with the City to achieve common goals.

