

#### **AGENDA**

Larger pound front loading washers

**Tunnel Washers** 

**Technical Assistance Program** 

**Reuse of Laundry waste water** 

**Commercial and Industrial projects** 

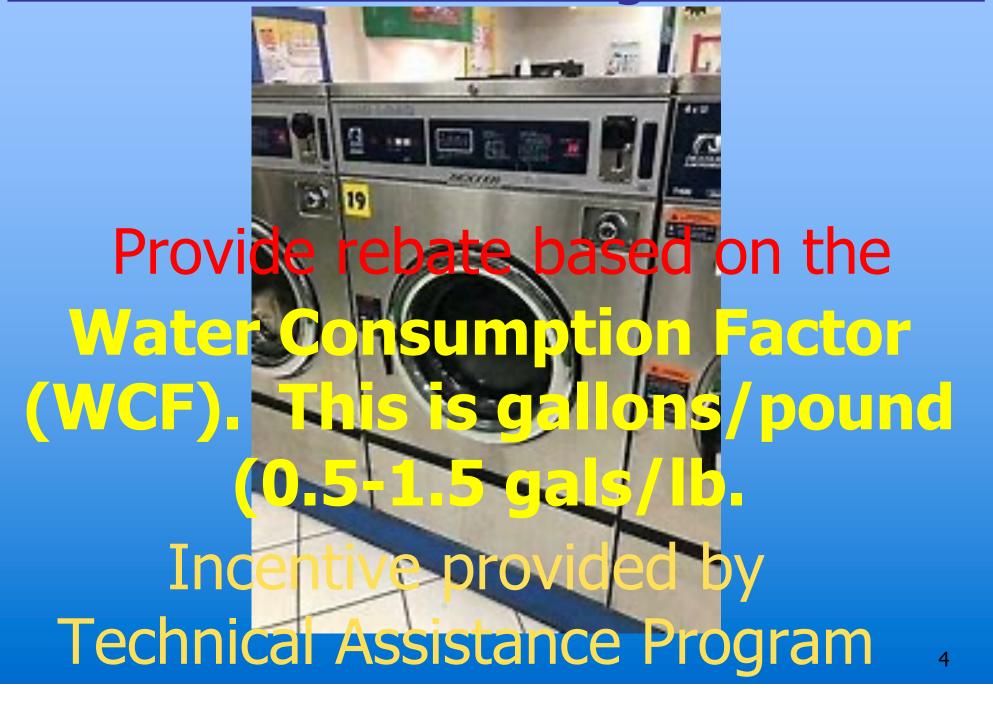
**Rebates** 

**Free Stuff** 

#### Top Loaders



#### Front load 30 lb. & larger machines





#### **Technical Assistance Program**

- Provides rebates for custom wc projects
- Rebate is \$7/1,000 gallons of water saved during 1st 2 years
- •Eligible projects: clothes washer upgrades, waste water recycling, cooling tower water treatment upgrades, tunnel washers.
- Call Mark Gentili at (213) 367-8556 or email at mark.gentili@ladwp.com
- Download an application at ladwp.com/tap

## Case Study: Hotel Laundry Recycling

 Reuse laundry sewer water by use of Activated Carbon system

#### TAP Customer Success! - R.O. Recycling

**LADWP** Rebate \$63,489 **Metered Water** Savings expected **9.1 MGPY Estimated Annual LADWP Bill Savings** \$121,000 Payback in 1.3 yrs



**Lint Shaker** 



Suspended Solids Filter



Organic Compound Filter



Disinfection apparatus and System Controller

# Case Study: Industrial Laundry Recycling

Reuse industrial launderer waste stream

Used Ceramic filtration – physical separation

#### TAP PROJECTS: Customer Success! Recycling Project

Total rebate \$23,021

Estimated Annual Water Savings 6.5 MGPY gallons

Estimated Annual LADWP Bill Savings \$88,000

**Project payback 5.4 Years** 



**Ceramic Filtration** 

#### **Ceramic Filtration**





### Membrane Bioreactor Waste Water Recycling

- A membrane bioreactor is a vessel you can grow bacteria in. The bacteria break down the organic materials in the waste water.
- The permeate from an membrane bioreactor has low levels of suspended solids, and it is disinfected and/or further filtered (use R.O. for instance), disinfected and reused.

#### **Water Conservation Rebates**

**Ultra Low Water Urinal** 



\$500 per urinal (replacing ≥1.5 gpf) **Premium High Efficiency Toilets** 

\$300 per toilet

(replacing ≥1.6 gpf)



#### Free Device Program

Kitchen Sink Aerators 1.3 gpm



2 LEAK DETECTOR TABLETS
INSTRUCTIONS:

1. REMOVE TAMIX COVER CAREFULLY.
2. DROP TABLET INTANC.
3. WAIT SEVERAL MITANC.
4. FE COLOR APPEARS IN BOWL,
YOU HAVE A LEAK.
NOT FOR HUMAN CONSUMPTION
NON-TOXIC

Bathroom Faucet
Aerators 1.0 and 0.5
gpm



Tip: Check for toilet leaks at the same time devices are installed! We also offer free toilet leak dye tabs.

#### THE END

QUESTIONS???

Mark Gentili

Phone: (213) 367-8556

Email: mark.gentili@ladwp.com