

# Mobile Washers

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Colleen Henry

Senior Environmental Compliance Inspector



**Central Contra Costa Sanitary District**

*Protecting Public Health and the Environment*

# Presentation Overview

- 1. Why we Inspect and Permit Mobile Washers**
- 2. Types of Surfaces**
- 3. Common Pollutants**
- 4. Best Management Practices**
- 5. Permit Program**
- 6. Challenges**



# Why Inspect and Permit?

1. Regulatory requirements to protect storm water drainage system
2. Commonly generate pollutants of concern
3. Reduce common violations
4. More control over point of discharge and quality of wastewater
5. Reinforce Best Management Practices
6. Ability to document compliance requirements
7. Equity for fixed facilities



# Common Surfaces

- Shopping Carts
- Mat Washing
- Gas Stations
- Spill Clean Up
- Fleet Washing
- Dumpster Areas
- Sidewalks / Plazas
- Parking Garages



# Shopping Carts



# Mat Washing



# Gas Stations



# Spill Clean Up



# Fleet Washing



# Dumpster Areas





# Sidewalks & Plazas

# Parking Garages



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# Common Pollutants

- Oil & Grease
- Metals (copper, lead, zinc and mercury)
- Sludges & Solids
- Volatile compounds (e.g. solvents, fuels)
- Caustics (high pH)
- Acids (low pH)
- Soaps & Surfactants





O&G and Simple Green

# Solids and ?



# “Earth Friendly” Solvent



Acid



C&E CORNHIS & CAREY  
COMMERCIAL  
AVAILABLE  
925 974-0100

Painters & Tapers  
Local Union 3  
OAKLAND, CA

# Best Management Practices

- Identify all drains at the site
- Block or seal any drains or release points
- Preclean the area using dry methods, e.g. sweep
- Use less toxic cleaning products
- Maintain equipment in good working order
- Have a spill kit available
- Train employees
- Remove any debris or sediment accumulated during washing activities



# Central San Mobile Washer Permit

- Simple one-page permit
- Authorized surfaces depending on pretreatment
- Annual reporting
- Activities requiring pre-approval:
  - Discharge to manhole
  - Engine/equipment degreasing
  - Acid cleaning



# Mobile Washer Discharge Permit

## CENTRAL CONTRA COSTA SANITARY DISTRICT

Mobile Washer Discharge Permit  
Valid August 1, 2017 to July 31, 2018

DLA GALVAN, INC.  
3336 N. TEXAS STREET #J344  
FAIRFIELD, CA 94533  
707-429-4007

### A. Authorized Surfaces

- 1) This Class III Industrial User Permit constitutes the District's permission to carry out periodic batch discharges into the sanitary sewer of the following types of mobile pressure washing/surface cleaning wastewater generated within the District:

SIDEWALKS AND PLAZAS	PARKING GARAGES/LOTS	TRASH AREAS
CART WASHING		

- 2) For the purposes of this permit, the District service area is comprised of the following cities: Alamo, Clayton, Clyde, Concord, Danville, Lafayette, Martinez, Moraga, Orinda, Pacheco, Pleasant Hill, San Ramon, and Walnut Creek. (Reference attached service area map).

### B. Conditions

- 1) The discharger shall provide protection of the storm drain system and shall ensure no discharge to the storm drain system occurs.
- 2) Discharges to sewer inlets (e.g. floor drains, sinks, clean outs) are restricted to a maximum rate of 15 gallons per minute, flow rate of the pretreatment system or the capacity of the sanitary sewer line, whichever is less.
- 3) The Discharger shall provide appropriate supervision of the discharge at all times.
- 4) The Discharger shall immediately reduce the discharge flow rate or cease the discharge altogether if instructed to do so by District personnel.
- 5) The Discharger shall implement appropriate pretreatment to ensure that all process wastewater discharges to the sanitary sewer are in compliance with the District's Local Discharge Limits and General Discharge Prohibitions. (See attached)
- 6) The Discharger shall notify the District's Source Control Section in writing prior to any proposed changes (permanent or temporary) to pretreatment, and/or operations that have the potential for changing the quality or volume of the wastewater discharge or that may otherwise lead to deviation from the terms and conditions under which this permit is granted. (See attached approved pretreatment system schematic.)

### C. Record Keeping

- 1) The discharger shall maintain business records, which verify disposal amounts, sources of liquid waste discharged to the District, and pretreatment equipment maintenance. All such records shall be retained for three years and shall be made available for inspection or copying at the request of the District.

### D. Reporting

- 1) The Discharger shall notify the District at least one business day in advance of performing

surface cleaning activities at any site in the District's service area. Alternatively the Discharger may conduct its discharges on an established schedule and shall submit a copy of the schedule to the District in advance of implementation. The Discharger shall notify the District of any change to the schedule in accordance with the above. The notification shall include the following information:

- Site name and address for proposed cleaning;
- Description of surface(s) to be cleaned;
- Proposed discharge location;
- Proposed start date and time of surface cleaning activities.

Notifications shall be made to 925-229-7288 or [sourcecontrol@centralsan.org](mailto:sourcecontrol@centralsan.org)

- 2) Periodic Compliance Report (PCR): (See attached PCR form)

For the permit year August 1 to July 31\*: **Submit No Later than August 31, 2018**  
\*Or effective start date of your permit thru the end of the reporting period

### E. Special Approvals

- 1) Discharge to manholes is prohibited unless specifically pre-approved and authorized by the District in writing.
- 2) Wastewater generated from the following activities must receive written pre-approval from the District prior to discharge:
  - Engine/equipment degreasing
  - Acid cleaning
  - Other activities and surfaces not listed under Section A above.

For pre-approval, contact the Source Control Section at 925-229-7288.

### Certification (To be signed by Company Officer)

- Discharger agrees to comply with Title 10 of the District Code and the terms and conditions of this permit.
- Discharger understands that this permit may be revoked and permission to discharge may be denied.
- Discharger shall be liable for all damages, direct and consequential, caused by violating the terms and conditions of this permit.

### Authorized Representative<sup>1</sup>:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

<sup>1</sup>Reference CCCSD Code Title 10.04.020 (B) for definition of authorized representative

### Authorization

The Discharger is authorized to discharge wastewater to the sanitary sewer, subject to compliance with Title 10 of the District Code, 40CFR, and the terms and conditions of this permit. This authorization is conditional on the Discharger signing and returning the above certification to the District's Source Control Section.

### Central Contra Costa Sanitary District

Name: Tim Potter Title: Environmental Compliance Superintendent

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Mobile Washer Fact Sheet



## Fact Sheet

CCCSD is a public utility dedicated to protecting public health and the environment by collecting and treating wastewater and returning clean water to the environment.

Our service area includes Alamo, Clayton, Clyde, Concord, Danville, Lafayette, Martinez, Moraga, Orinda, Pacheco, Pleasant Hill, San Ramon, and Walnut Creek.

For information on how to prevent storm drain pollution, please visit the following web sites:

- Contra Costa Clean Water Program: [www.ccleanwater.org/businesses/prevent-pollution](http://www.ccleanwater.org/businesses/prevent-pollution)
- Bay Area Stormwater Management Agencies Association: [www.basmaa.org/recognition](http://www.basmaa.org/recognition)

## Mobile Washers

Mobile washers clean many different types of surfaces, including walkways, trash enclosures, parking lots, parking garages, commercial kitchen equipment, gas stations, fleet vehicles, building exteriors and more. Mobile washing wastewater can contain many different types of pollutants, including:

- Oil & Grease
- Metals
- Sludges and Solids
- Volatile compounds, (e.g. solvents, fuels)
- Caustics (high pH)
- Acids (low pH)
- Soaps

If discharged or disposed of improperly, wastewater containing those and other contaminants could pollute our local water ways.

### Only Rain Down the Storm Drain

Federal, State and Local regulations prohibit discharge of anything but rainwater into the storm drain system. The storm drain system carries water directly (untreated) to local creeks and bays. Most discharges of wastewater from cleaning or mobile washing operations into the storm drain system are prohibited.

### Discharge to the Sanitary Sewer System

To prevent pollutants generated during your mobile washing operations from impacting local waterways, the wastewater should be collected, treated, then directed to the sanitary sewer system. The District collects, treats and cleans the wastewater before releasing it to the environment.

### A Permit Is Needed (But It's Free)

Within CCCSD's service area, discharges to the sanitary sewer system require a permit.

CCCSD issues no-cost permits to mobile washing companies to collect, properly treat and discharge wastewater to the sanitary sewer.

CCCSD also issues zero-discharge permits to mobile washing companies that work in our service area, but do not discharge in our service area.



A list of CCCSD permitted mobile washers is posted on our website, [www.centrialsan.org](http://www.centrialsan.org), and handed out during compliance inspections.

### How to Request a Permit

To obtain a mobile washer permit application, call CCCSD's Source Control Section at (925) 229-7288.

Permit cost: No charge (\$0).

### Pretreatment

Any mobile washer discharging to the sanitary sewer system will need pretreatment to remove pollutants from the wastewater.

During the permitting process, you will need to submit a copy of your pretreatment system schematic for review.

You should always properly maintain your pretreatment system to ensure your discharge wastewater quality does not exceed CCCSD's Local Discharge Limits.

### Discharge Method

As a mobile washer you must safely and effectively discharge wastewater to the sanitary sewer via a floor drain or clean out. You need an appropriate system to discharge wastewater to the sanitary sewer, such as a pump and flexible hosing. Discharges to manholes are not allowed without prior, written approval from CCCSD.



### Best Management Practices (BMPs)

Best Management Practices are ways of carrying out your business activities that can significantly reduce the risk of pollution. They are good for the environment, your customers and your business. Mobile washers should use the following BMPs:

- Walk the area to identify all storm drains and sanitary sewer drains. Identify the sanitary sewer discharge location.
- Block or seal off any drains and/or other release points, such as slopes leading to a storm gutter.
- Sweep the area first to remove large particles and minimize solids going through your pretreatment system. Bag and properly dispose of these materials.
- Use less toxic cleaning products.
- Maintain equipment in good working order.
- Have a spill kit available in case of accidental spills or releases.
- Train employees on the proper use of equipment, how to comply with the permit and the use of BMPs.
- Remove any debris or sediment accumulated during washing activities.

# Permitted Mobile Washers List (as of 10/25/17)

## CCCSO Permitted Mobile Washers

Name	Address	Contact	Phone #	Authorized Surfaces
Action Pressure Washing	1509 Rampart Way Brentwood, CA 94513	Gregg Hart	877-700-1246	All surfaces*
Advanced Janitorial	3295-B Monier Circle Rancho Cordova, CA 95742	James Elder	916-275-6705	Sidewalks & Plazas, Trash Areas, Cart Washing
Butler's Mobile Washing	P.O. Box 741 Victor, CA 95253	Albert Butler	209-235-5074	Vehicle/Fleet Washing (Zero Discharge Permit)
Clean Carts Sales & Service, Inc.	226 South 24 <sup>th</sup> Street San José, CA 95116	Jorge A. Bernardino	408-294-3100	Trash Areas, Cart Washing, Loading Docks
Comet Building Maintenance	21 Commercial Blvd., #12 Novato, CA 94949	Richard J. Basile	415-382-1150	Sidewalks & Plazas, Trash Areas
Crystal Cleaning Company, LLC	4009 Eagle Ridge Drive Antioch, CA 94509	Jim Gamble	510-612-0437	All surfaces*
DLA Galvan, Inc.	3336 N. Texas Street, J344 Fairfield, CA 94533	David Galvan	707-429-4007	Sidewalks & Plazas, Parking Garages/Lots, Trash Areas, Cart Washing
Done Right	P.O. Box 751 Garden Valley, CA 95633	Bob Dittmer	530-333-1749	Sidewalks & Plazas, Trash Areas, Store Fronts, Gas Stations, Cart Washing
Ecotech Power Washing Solutions, LLC	4589 Sargent Avenue Castro Valley, CA 94536	Vitaliy Velichko	510-362-1010	Sidewalks & Plazas
Federal Building Services, Inc.	1641 Barclay Boulevard Buffalo Grove, IL	Nelson Galan	209-601-9563	Sidewalks & Plazas, Trash Areas
Henry's Mobile Wash	P.O. Box 799 Oakley, CA 94561	Enrique Ramirez	925-437-4653	Vehicle/Fleet Washing
Hydro Clean	P.O. Box 880 Palo Cedro, CA 94518	Joseph Lamonica	530-356-4660	Gas Stations
Martin's Sweeping Service	P.O. Box 23314 Pleasant Hill, CA 94523	Samuel Andreoli	925-672-2060	All Surfaces*
Miguel's Steam Cleaning	P.O. Box 1682 Vacaville, CA 95696	Miguel Arana	707-449-9136	Sidewalks & Plazas, Kitchen Equipment, Trash Areas
Nor-Cal Janitorial Services, LLC	5701 Marsh Rd., Suite A-1 Pacheco, CA 94553	Michael Chano	925-676-0806	Sidewalks & Plazas, Parking Garages/Lots
Peggs Company, Inc.	4851 Eelspar Street Riverside, CA 92509	Mike Fregeau	800-242-8416	Sidewalks & Plazas, Parking Garages/Lots, Trash Areas, Cart Washing

\* All surfaces include: Sidewalks & Plazas, Parking Garages/Lots, Gas Stations, Kitchen Equipment, Trash Areas, Vehicle/Fleet Washing, Cart Washing.

Please Note: Any company hiring a mobile washer needs to verify that the mobile washer's pretreatment system is adequate for the scope of work (e.g. capacity of treatment system, commitment to maintenance).

Revised 10-25-17



# Permitted Mobile Washers List (continued)

## CCCSD Permitted Mobile Washers

Name	Address	Contact	Phone #	Authorized Surfaces
Perfection Plus	P.O. Box 475369 San Francisco, CA 94147	Brent Ediger	415-273-2910	All surfaces*
Philco Building Maintenance, Inc.	1041 Shary Road, Suite A Concord, CA 94518	Saul Nava	925-222-0392	All surfaces*
Power Washing Services	P.O. Box 328 Standard, CA 95373	Rick Christian	800-510-9274	Sidewalks & Plazas, Parking Garages/Lots, Trash Areas, Cart Washing (Zero Discharge Permit)
Precision Installation and Repair	905 Trent Street Concord, CA 94518	Michael Thompson	925-822-5645	Sidewalks & Plazas, Vertical Building Exteriors
Pro-Sweep, Inc.	P.O. Box 5182 San Jose, CA 95150	Lucy Tait or Betty Quintero	408-558-1900	Sidewalks & Plazas, Parking Garages/Lots, Trash Areas
Scorpion Cleaning Service	5324 Novack Way Sacramento, CA 95835	Juan P. Reyes	916-568-1626	Sidewalks & Plazas, Kitchen Equipment, Trash Areas
Steam on Wheels	2575 Stanwell Drive, Suite 100 Concord, CA 94520	Bob Van Gelder	925-798-9040	Sidewalks & Plazas, Store Fronts
Universal Maintenance dba Full Service Maintenance, Inc.	350 Piercy Road San Jose, CA 95138	Joel Bridgeman	408-218-0575	Sidewalks & Plazas, Parking Garages/Lots, Trash Areas
Universal Site Services, Inc.	P.O. Box 28010 San José, CA 95159	Jerry Nunez	800-647-9337	All surfaces*
WEBCO Sweeping LLC	60 W. Main Ave, Suite 22 Morgan Hill, CA 95037	Mary Ann Collins	408-778-5411	Sidewalks & Plazas, Parking Garages/Lots (Zero Discharge Permit)
Welcome Building Maintenance	150 Mason Circle, Suite L Concord, CA 94520	Eric and Diane Bucklew	925-288-1911	Sidewalks & Plazas, Parking Garages

\* All surfaces include: Sidewalks & Plazas, Parking Garages/Lots, Gas Stations, Kitchen Equipment, Trash Areas, Vehicle/Fleet Washing, Cart Washing.

Please Note: Any company hiring a mobile washer needs to verify that the mobile washer's pretreatment system is adequate for the scope of work (e.g. capacity of treatment system, commitment to maintenance).  
Revised 10-25-17

27 permitted mobile washers  
How many unpermitted mobile washers are in operation??



# Challenges

- Operate after hours
- Often located outside of Bay Area
- Not highly regulated
- Can be a language or education gap
- High turnover in trade
- Very competitive market (lowball bidders)
- Leave little trace
- Easy business to start- buy a power washer at local hardware store

Questions?

