

The background of the entire page is a solid blue color. At the top, there are several concentric, wavy lines that resemble ripples on the surface of water, creating a textured effect. The text is centered horizontally and vertically on the page.

2003
DRAINAGE AREA MANAGEMENT PLAN

SECTION B-6
PUBLIC EDUCATION

SECTION B-6

PUBLIC EDUCATION

TRAINING AND OUTREACH

B-6.1 Introduction

Public education is an essential part of the Permittees' municipal stormwater program. Developing programs to inform and involve the public can be an effective method for controlling urban sources of pollution. Emphasizing the relevant impact of stormwater pollution to each particular target audience increases the likelihood that the messages will be noticed and that the audience will support and participate in the program implementation.

The Permittees recognize that when a community has a clear idea where the pollution comes from, how it directly affects them, and what they can do to prevent those effects, the community will be more willing to support and participate in the pollution prevention program. Only through comprehensive public education can we expect people to change their behaviors.

The Permittees have a number of existing brochures that will be revised for use as handouts in the Training and Outreach program (see **Exhibit B-6.I**). These brochures are also available on the County of Orange's website (www.ocwatersheds.com). They will be revised over time to emphasize consistent messages and a clear, unified "look" in order to reinforce overall program goals. Some brochures may be re-titled to clarify meaning. Brochures will generally be available in English and Spanish.

Some of the existing handouts include:

For the General Public:

- *The Ocean Begins at Your Front Door*
- *Do You Know Where the Water in Your Storm Drain Goes?*
- *Water Quality Guidelines for Pool Maintenance*
- *Water Quality Guidelines for Pet Care Activities*
- *Water Quality Guidelines for Horse & Livestock Activities*
- *Water Quality Guidelines for Car Wash Fundraisers*
- *Help Prevent Ocean Pollution: Your Local Used Oil Collection Center (North, Central and South)*
- *Help Prevent Ocean Pollution: Proper Disposal of Household Hazardous Materials*
- *Help Prevent Ocean Pollution: Household Tips*

For Businesses:

- *Water Quality Guidelines for Exterior Restaurant Cleaning Operations*
- *Keeping Pest Control Products Out of Creeks, Rivers, and the Ocean*
- *Water Quality Guidelines for Carpet Cleaning*
- *Water Quality Guidelines for Permitted Lot and Pool Drains*
- *Water Quality Guidelines for Projects Using Concrete and Mortar*
- *Water Quality Guidelines for Landscaping and Gardening*
- *Sewage Spills Reference Guide*
- *Help Prevent Ocean Pollution: Maintenance Practices for Your Business*
- *Help Prevent Ocean Pollution: A Guide for Food Service Facilities*

SECTION B-6, PUBLIC EDUCATION

In addition to the above listed brochures, BMP posters are available for the food/restaurant industry, the auto repair industry, and gas stations.

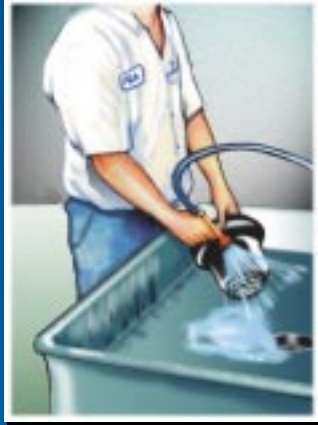
EXHIBIT B-6I

PUBLIC EDUCATION

EXISTING BROCHURES AND HANDOUTS

Good Operating Practices

Auto Repair Industry



CLEANING AUTO PARTS
Scrape parts with a wire brush or use a bake oven rather than liquid cleaners. Arrange drip pans, drying racks, and drains so that fluids are directed back into the sink or the fluid holding tank.

Limpie partes de auto con un cepillo de alambre o use un limpiador de hornos en vez de usar limpiadores de líquido. Arregle las graseras, perchas para secar y tablas de escurrir para que los líquidos sean dirigidos al sumidero o tanque de guardar líquidos.



PROPER STORAGE OF HAZARDOUS WASTE

Keep your liquid wastes segregated. Many fluids can be recycled via hazardous waste disposal companies if they are not mixed. Store all materials under cover or inside to prevent contamination by rainwater.

Mantenga sus desechos de líquido separados. Si no están mezclados, varios líquidos pueden ser reciclados por compañías que especializan en desechos tóxicos. Guarde y cubra todos los materiales dentro de un lugar para prevenir la contaminación de la agua de la lluvia.



CONTAIN METAL FILINGS

Keep a bin under your lathe or grinder to capture metal filings. Send uncontaminated filings to a scrap metal recycler for reclamation.

Tenga un recipiente debajo de su manquina de toronar o molinero para coleccionar rellenos de metal. Mande rellenos no contaminados a un centro de reciclaje de metales para reciclar.

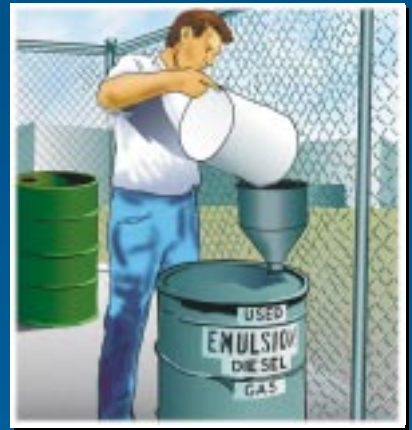
**NO DUMPING
DRAINS TO OCEAN**



CLEAN UP SPILLS IMMEDIATELY

Follow your hazardous materials response plan, as filed with your local fire department or other hazardous materials authority. Be sure that all employees are aware of the plan and are capable of implementing each phase of the plan. Use dry methods for spill cleanup (sweeping, absorbent materials, etc.).

Siga su plan responsivo de materiales tóxicos, como clasificado con su departamento de bomberos local o con la autoridad de materiales tóxicos. Asegure que todos los empleados estén informados y capaz de aplicar cada fase del plan. Use métodos secos para limpiar derramamientos (barriendo, materiales absorbentes, etc.).



PROPER DISPOSAL OF HAZARDOUS WASTE

Recycle solvents, oil, used oil filters, anti-freeze, batteries, lubricants, and metal filings collected from grinding/polishing auto parts. Contact a hazardous waste hauler to dispose of saturated absorbents.

Recicle solventes, aceite de motor usado, filtros de aceite usados, anticongelante, baterías, lubricantes, y rellenos de metal coleccionados por medio del moliendo y pulimentando partes de auto. Llame a un colector de desechos tóxicos para disponer de absorbentes saturados.



PREVENTING LEAKS AND SPILLS

Place drip pans underneath to capture fluids. Use absorbent cleaning agents instead of water to clean work areas.

Utilice graseras o cazuelas para capturar líquidos de aceite. Selle o quite desaguaderos del piso para prevenir descargo accidental. Use limpiadores absorbentes en lugar de agua para limpiar áreas del trabajo.



The Ocean Begins At Your Front Door

Water Pollution Problem
Reporting Hotline
(Para reportar descargo ilegal)
714-567-6363

PROJECT
Pollution
PREVENTION

ORANGE (cont')

Pep Boys
215 E. Katella Ave. (714) 997-1540
The Tune-Up Center
193 E. Katella Ave. (714) 633-1876
Tony's Unocal 76
1650 W. La Veta Ave. (714) 953-7676

SANTA ANA

All Phase Environmental
1367 Santiago (714) 731-5995
Archie's Tire & Towing
4518 Westminster Ave. (714) 636-4518
Auto Zone
430 W. 17th (714) 547-7003
Big O Tires
4518 Westminster Ave. (714) 540-8646
Car-Tune Complete Auto Services
112A E. Walnut St. (714) 835-4455
Car-Tune Complete Auto Services
1135 W. 1st St. (714) 542-1497
Car-Tune Complete Auto Services
509 N. Bristol St. (714) 835-4433
Chief Auto Parts
1101 S. Bristol St. (714) 241-0335
Firestone Store
3733 S. Bristol St. (714) 549-4015
Firestone Store
2005 N. Tustin Ave. (714) 541-7977
Jiffy Lube
2025 N. Tustin Ave. (714) 834-0470
John's Mobil
1465 S. Main St. (714) 835-3266
Kragen Auto Parts
1302 E. 17th St. (714) 953-6061
Kragen Auto Parts
1400 W. Edinger Ave. (714) 754-1432
Kragen Auto Parts
521 W. 17th St. (714) 543-4492
Kragen Auto Parts
2337 S. Bristol Ave. (714) 557-0787
Pep Boys
120 E. 1st St. (714) 775-0828
Purrfect Auto Service
2519 S. Main St. (714) 549-7900

Saturn of Santa Ana
1350 Auto Mall Dr. (714) 648-2444
Scher Tire
1805 N. Grand Ave. (714) 558-8644
Tire Station
101 S. Main St. (714) 542-8857

TUSTIN

Big O Tires
131 E. 1st St. (714) 544-9431
Bob Neil's Unocal
17280 E. 17th St. (714) 544-3704
Jiffy Lube
3087 Edinger Ave. (949) 651-8814
Kragen Auto Parts
502B E. 1st St. (714) 544-9249
Redhill & El Camino Mobil Service
13872 Redhill Ave. (714) 838-4268
Scher Tire
14511 Redhill Ave. (714) 832-6011



For an updated list of waste oil collection centers in Central Orange County, please visit the California Integrated Waste Management Board's website at:

www.ciwmb.ca.gov/usedoil

Additional questions regarding this notice and/or proper waste oil disposal may be directed to:

The Orange County Public Facilities and Resources Department Stormwater Section at (714) 567-6363

Orange County Stormwater Program
10852 Douglass Rd.
Anaheim, CA 92806

WASTE OIL COLLECTION CENTERS



IN CENTRAL ORANGE COUNTY

February 2000

This flyer has been prepared to inform the public of the availability of waste oil collection centers for the safe and proper disposal of waste oil in Orange County, and to protect storm drains, channels, creeks and bays from improper oil disposal.

WASTE OIL COLLECTION CENTERS

The County of Orange and all of the cities in Orange County are committed through the Cooperative Stormwater Program to controlling the discharge of pollutants into the storm drain system. As part of this effort, a comprehensive list of waste oil collection centers has been compiled by region so residents may conveniently dispose of their waste motor oil.

The following locations within each city will accept waste motor oil in quantities of up to five gallons. Since locations, volume limits, business hours and fees change, please contact the facility prior to taking waste oil to that location. Waste oil filters may not be disposed of with regular household trash and must be taken to a hazardous waste collection or recycling center in Anaheim, Huntington Beach, Irvine or San Juan Capistrano. The listing of companies in this flyer does not constitute a recommendation or endorsement of the company.

This information was provided by the County of Orange Integrated Waste Management Department and the California Integrated Waste Management Board (CIWMB). For additional information about the proper disposal of household hazardous waste call the Household Waste Hotline at (714) 834-6752. For additional information about the nearest oil recycling center call the CIWMB Recycling Hotline at 1-800-553-2962.

COSTA MESA

Big O Tires	
3181 Harbor Blvd.	(949) 443-4155
Chief Auto Parts	
803 W. 19 th St.	(949) 642-1342
Coast General Tire	
2855 Harbor Blvd.	(714) 540-5710
EZ Lube Inc.	
3599 Harbor Blvd.	(714) 966-1647

COSTA MESA (Cont.)

Enterprise Auto Repair	
3017 Enterprise #B	(714) 668-0325
Fedco Tire Center	
1450 Baker St.	(714) 438-6783
Jiffy Lube	
300 E. 17 th St.	(714) 961-5491
Jiffy Lube	
2175 Newport Blvd.	(714) 961-5491
Jiffy Lube	
2255 Fairview Rd.	(949) 650-5823
Jiffy Lube	
375 Bristol St.	(714) 557-5823
Kragen Auto Parts	
1739 Superior Ave.	(949) 642-3384
Kragen Auto Parts	
1175 Baker Blvd. Unit E	(714) 662-2005
Kymco Motorsport	
2121 Harbor Blvd.	(949) 642-1835
Pep Boys	
2946 Bristol St.	(714) 549-1533
Plaza Chevron	
3048 Bristol St.	(714) 545-4257
Purrfect Auto Service	
2049 Harbor Blvd.	(949) 722-2424
Scher Tire Inc.	
1596 Newport Blvd.	(949) 548-9384
Sonny's Costa Mesa Pontiac-GMC-Buick	
2480 Harbor Blvd.	(714) 444-5200
Tire Station	
475 E. 17 th St.	(949) 646-2444

FOUNTAIN VALLEY

Firestone Store	
17975 Magnolia Ave.	(714) 842-3341
Kragen Auto Parts	
9880 Warner Ave.	(714) 964-6427
Kragen Auto Parts	
16147 Harbor Blvd.	(714) 531-8525
Pro Lube Plus	
15980 Brookhurst St.	(714) 775-6871
Purrfect Auto Service	
16780 Harbor Blvd.	(714) 839-3899

HUNTINGTON BEACH

Auto Zone	
6800 Warner Ave.	(714) 891-8211
Big O Tires	
19411 Beach Blvd.	(714) 536-7571
EZ Lube Inc.	
7361 Edinger Ave.	(714) 899-3600
Econo Lube N Tune	
19961 Beach Blvd.	(714) 536-6519
Jiffy Lube	
8971 Warner Ave.	(714) 961-5491
Kragen Auto Parts	
10072 Adams Ave.	(714) 593-6156
Kragen Auto Parts	
7171 Warner Ave.	(714) 842-4531
Kragen Auto Parts	
18888 Beach Blvd.	(714) 965-2353
Oilmax 10 Minute Lube/Wash	
9862 Adams Ave.	(714) 964-7110
Pep Boys	
19122 Brookhurst St.	(714) 841-9828
Quik Change Lube & Oil	
5841 Warner Ave.	(714) 964-7110
Saturn of Huntington Beach	
18801 Beach Blvd.	(714) 841-9828
Scher Tire Inc.	
5062 Warner Ave.	(714) 846-1189
The Tune Up Center	
15421 Edwards	(714) 893-1990
Tire Station	
16171 Beach Blvd.	(714) 847-6081
Zito's Shell Auto Care	
19002 Magnolia St.	(714) 968-8788

IRVINE

Caylin Environmental	
1350 Reynolds Ave.	(949) 852-1616
Firestone Store	
51 Auto Center Dr.	(949) 829-8710
Irvine City Auto Parts	
14427 Culver Dr.	(949) 551-5588
Jiffy Lube	
8777 Irvine Center Dr.	(949) 753-0485
Jiffy Lube	
3080 Main St.	(949) 863-0625

NEWPORT BEACH

Graham's 76	
2690 San Miguel	(949) 644-7151
Grease Monkey	
2230 Bristol St.	(949) 251-8633
Newport Center Chevron Inc.	
1550 Jamboree Rd.	(949) 644-7933
Newport Landing Fuel Dock	
503 E. Edgewater	(949) 673-7878
Superformance	
3767 Birch St.	(949) 756-5055

ORANGE

Auto Zone	
6555 N. Tustin Ave.	(714) 538-5296
Big O Tires	
1825 E. Katella Ave.	(714) 538-0016
Danny's Union 76 Service	
684 S. Glassell St.	(714) 639-6720
David Wilson's Ford of Orange	
230 S. Main St.	(714) 978-1850
Firestone Store	
1690 N. Tustin Ave.	(714) 282-8144
Jiffy Lube	
433 W. Katella Ave.	(714) 744-8334
Kragen Auto Parts	
1100 N. Tustin St.	(714) 771-3000
Norm Johnson Union 76	
2345 W. Chapman Ave.	(714) 978-6220
Orange Mall Shell	
2490 N. Tustin St.	(714) 998-9270
Orange Texaco Service Station	
830 E. Katella Ave.	(714) 771-6990

Before you allow anything to go into the gutter or storm drain, stop to think!

Storm drains go directly to channels and creeks, through wetlands and to the ocean.

Preventing Releases to the Storm Drain

Question: Can any liquids, solids or spilled materials from carpet cleaning activities be discharged to the stormdrain?

Answer: *No carpet cleaning washwater or waste may be discharged to the storm drain.*

Remember: *Think...about what you are doing before you start cleaning.*

Question: Does the carpet cleaner have the equipment, material and personnel to handle a spill or discharge (such as a detergent spill)?

Answer: *Be Prepared...for any spill or discharge.*

Remember: *Pre-plan: Gather the right equipment and enough material ahead of time.*

Question: Is it safe for me to clean up spills and discharges?

Answer: *Know...in advance, what you are handling and what to do and make sure staff are trained.*

Remember: *Your safety is paramount.*

Question: When do I begin to clean up spills and discharges?

Answer: *Act...immediately, using known and safe procedures, and try to contain the spilled material on your property.*

Remember: *Protect the storm drain.*

Question: Do I need to report spills or discharges?

Answer: *Communicate...the spill to your supervisor as soon as possible.*

Remember: *Report all spills and discharges that are not contained on site to the number below or to 911 after hours.*

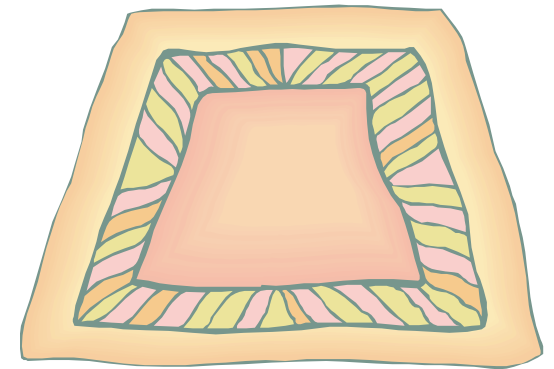
Questions regarding this brochure may be directed to:

The Orange County Public Facilities and Resources Department's Stormwater Section at (714) 567-6363

PROJECT
Pollution
PREVENTION

Orange County Stormwater Program
1750 S. Douglas Road
Anaheim, CA 92806

Water Quality Guidelines for Carpet Cleaning Activities



March 2002

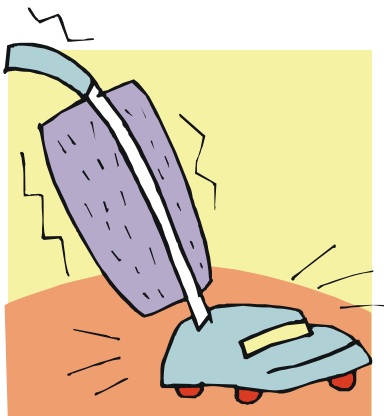
This brochure has been prepared to inform residents and businesses in Orange County of the guidelines recommended for proper disposal of carpet cleaning washwater in order to protect the water quality in storm drains, channels, creeks, bays and ocean.

Water Quality Guidelines for Carpet Cleaning Activities

This brochure is intended to explain the regulatory issues regarding the discharge of carpet cleaning wastewater. This brochure also explains the procedures that should be followed when carpet cleaning is conducted either by yourself or by professional carpet cleaners.

When using water and detergents to clean carpets, residents and professional carpet cleaners should follow these guidelines in order to prevent waste or wastewater from entering the storm drains where it flows untreated to bays, estuaries and ultimately to the ocean.

These guidelines apply even if the cleaning products are labeled “nontoxic” or “biodegradable”. Although these products may be less harmful to the environment, they can still have harmful effects if they enter the storm drain untreated.



Filtering Wastewater

Both residents and professional carpet cleaners should be sure to filter the wastewater from carpet cleaning before discharging it to the sanitary sewer since fibers and other debris in the wastewater can clog pipes. The filtered material can be disposed of in the garbage, provided that the carpet was not contaminated with hazardous materials, which cannot be discharged to the sanitary sewer.

Residential Carpet Cleaners

Wastewater from carpet cleaning must be discharged into a sink, toilet, or other drain connected to the sanitary sewer system within your residence. The wastewater should **never** be disposed of in a street, gutter, parking lot or storm drain.

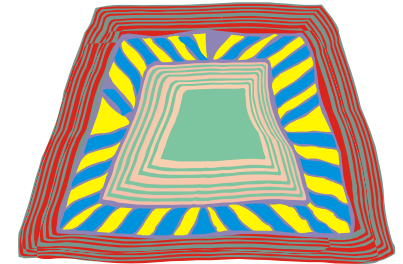
When hiring professional carpet cleaners ask your contractor where they discharge carpet cleaning wastewater.

- Check with the contractor to ensure the spent cleaning wastewater tank is emptied into a utility sink or other indoor sewer connection.
- If you contract with a carpet cleaner regularly, arrange an appropriate location for the contractor to discharge cleaning wastewater such as a utility sink, toilet, or sewer cleanout.

Professional Carpet Cleaner Users

Wastewater from carpet cleaning must be discharged to a sink, toilet, or other drain connected to the sanitary sewer system - **never** to a street, gutter, parking lot, or storm drain.

- The spent cleaning fluid can be disposed of in a utility sink or other indoor sewer connection at your home base.
- Or, contact the nearest stormwater program agency for additional disposal options.



Before you allow anything to go into the gutter or storm drain, stop and think.

Storm drains do not go to the sewer, they flow directly into channels and creeks, through wetlands and to the ocean.

Remember the ocean begins at your front door.

Orange County Storm Water Program Participants:

Aliso Viejo	(949) 425-3800
Anaheim Public Works Operations	(714) 765-6860
Brea Engineering	(714) 990-7666
Buena Park Public Works	(714) 562-3655
Costa Mesa Public Works	(714) 754-5248
Cypress Public Works	(714) 229-6740
Dana Point Public Works	(949) 248-3562
Fountain Valley Public Works	(714) 593-4441
Fullerton Engineering Dept	(714) 738-6853
Garden Grove Public Works	(714) 741-5554
Huntington Beach Public Works	(714) 536-5432
Irvine Public Works	(949) 724-6315
La Habra Public Services	(562) 905-9792
La Palma Public Works	(714) 690-3310
Laguna Beach Public Works	(949) 497-0390
Laguna Hills Public Services	(949) 707-2650
Laguna Niguel Public Works	(949) 362-4337
Laguna Woods Public Works	(949) 452-0600
Lake Forest Public Works	(949) 461-3480
Los Alamitos Community Dev	(562) 431-3538 x301
Mission Viejo Public Works	(949) 470-3095
Newport Beach Public Works	(949) 644-3311
Orange Public Works	(714) 744-5551
Placentia Engineering	(714) 993-8131
Rancho Santa Margarita	(949) 635-1800
San Clemente Engineering	(949) 361-6118
San Juan Capistrano Engineering	(949) 234-4413
Santa Ana Public Works	(714) 647-3380
Seal Beach Engineering	(562) 431-2527 x318
Stanton Public Works	(714) 379-9222 x204
Tustin Public Works Engineering	(714) 573-3150
Villa Park Engineering	(714) 998-1500
Westminster Public Works Eng	(714) 898-3311 x215
Yorba Linda Engineering	(714) 961-7170
O. C. Storm Water Program	(714) 567-6363 or
24 Hour Water Pollution Problem Reporting Hotline	www.ocwatersheds.com or E-mail information to karen.ashby@pfrd.ocgov.com

Other Important Phone Numbers:

For Additional Brochures (714) 567-6363 or
www.ocwatersheds.com

For Recycling Tips www.oc.ca.ciwmb.ca.gov/wmprog.htm

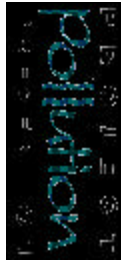
O. C. Household Hazardous Waste Information
(714) 834-6752 or www.oc.ca.gov/1WMD

Chemical and Hazardous Material Spill Emergencies 911

Locations that accept used motor oil, California Integrated
Waste Management Board (800) 553-2962 or
www.CIWMB.ca.gov

Agriculture chemicals, pesticides and possible alternatives,
O. C. Agriculture Commissioner (714) 447-7100

www.americanoceans.org (202)544-3526



Orange County Stormwater Program
1750 S. Douglas Road
Anaheim, CA 92806

Water Quality Guidelines for Car Wash Fundraisers



August 2002

This brochure has been prepared to inform the residents of Orange County of the water quality guidelines for car wash fundraisers in order to protect the water quality in storm drains, channels, creeks, bays and ocean.

Water Quality Guidelines for Car Wash Fundraisers

This brochure is intended to explain the water quality issues regarding the discharge of car wash water from fundraisers and the guidelines to be followed when conducting these activities.

Car wash fundraisers are a popular means of raising money for worthwhile causes. However, runoff from car wash fundraisers if not properly managed can negatively impact the aquatic environment and degrade local waterways. When conducting your fundraiser you should follow these guidelines in order to prevent the wash water from entering the storm drains where it flows untreated to the ocean.

How does runoff from car wash fundraisers harm the environment?

During a car wash fundraiser, wash water containing soap and detergent, residues from exhaust fumes, brake pads, gasoline and motor oil washes off the cars, flows off the pavement and into nearby stormdrains. Alone, one car wash fundraiser event may not create a significant adverse environmental impact. But, collectively, car wash fundraiser events can contribute significant amounts of wash water to the storm drain system.

Guidelines for Car Wash Fundraising Events

Before beginning your car wash fundraiser:

- Hold a meeting with all participants to explain the proper procedures that should be followed when conducting these activities.
- Remove all trash and debris from the car washing area.
- Use only soaps, cleaners or detergents labeled "non-toxic," "phosphate free," or "biodegradable." The safest products for the environment are vegetable-based or citrus-based soaps.
- Do not use acid based wheel cleaners or engine degreasers.
- Select a site where the wash water can soak into grass, gravel, or be diverted to nearby landscaping. This will allow the wash water to filter through the vegetation and/or soil instead of flowing directly into a storm drain.
- If you select a site that drains into a street, block off the storm drain with sandbags and either divert the wash water to an area where the water can pool and evaporate throughout the day or arrange to dispose of the wash water down a sanitary sewer drain (with permission from the sanitation district).
- At the end of the day, remember to properly dispose of sandbags.

During the car wash fundraiser:

- Shake car mats into a trash can or vacuum them. Do not shake dirt from car mats directly onto the ground.
- Use a bucket of soapy water to resoap rags or sponges throughout the wash rather than adding more soap directly to rags or sponges.
- Wring sponges and wash rags into buckets, not the ground.
- Conserve water by using a spray nozzle with an automatic shut off and shutting off or kinking the hose when not in use.
- Always empty buckets into the sanitary sewer system (e.g. sinks or toilets).

After the car wash fundraiser:

- Remember to clean up. Have a volunteer walk the perimeter of the site to pick up trash and debris and dispose of it properly.

Before you allow anything to go into the gutter or storm drain, stop and think.

Storm drains do not go to the sewer, they flow directly into channels and creeks, through wetlands and to the ocean.

Remember, the ocean begins at your front door.

Good Cleaning Practices

Food & Restaurant Industry



Clean floormats, filters and garbage cans in a mop sink, floor drain or proper outside area. Don't wash them in a parking lot, alley, sidewalk or street.

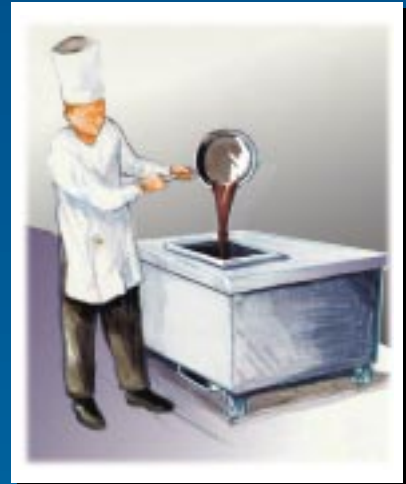
Limpie los tapetes de piso, los filtros y los botes de basura en un fregadero para trapeadores, desagüe de piso o en algún sifio apropiado afuera. No los lave en los estacionamientos, callejones, veredas o en la calle.

**NO DUMPING
DRAINS TO OCEAN**



Pour washwater into a janitorial or mop sink. Don't pour it out onto a parking lot, alley, sidewalk or street.

Arroje el agua empleada en la limpieza al fregadero para trapeadores. No la arroje en los estacionamientos, callejones, veredas o en la calle.



Recycle grease and oil. Don't pour it into sinks, floor drains, or onto a parking lot or street.

Recicle grasa y aceite. No los arroje en lavaderos o desagües de piso ni en estacionamientos o calles.



Keep dumpster area clean and lid closed. Don't fill it with liquid waste or hose it out.

Mantega el área alrededor del basurero limpia y la tapa del basurero cerrada. No lo llene con desperdicios líquidos ni utilice la manguera.



Use dry methods for spill cleanup (sweeping, cat litter, etc.) Don't hose down spills.

Use métodos secos para limpiar los derrames (escobas, aserrín, etc.). No utilice mangueras para limpiar los derrames.

Courtesy of the City and County of LA

The Ocean Begins At Your Front Door

Water Pollution Problem
Reporting Hotline
(Para reportar descargo ilegal)
714-567-6363

PROJECT
Pollution
PREVENTION



Good Operating Practices

Gas Stations



Inspect and clean storm drain inlets and catch basins within the facility's boundary.

Inspeccione y limpie entradas de sumideros de aguas pluviales y cisternas de represa dentro de los límites de las localidades.

 **NO DUMPING** 
DRAINS TO OCEAN



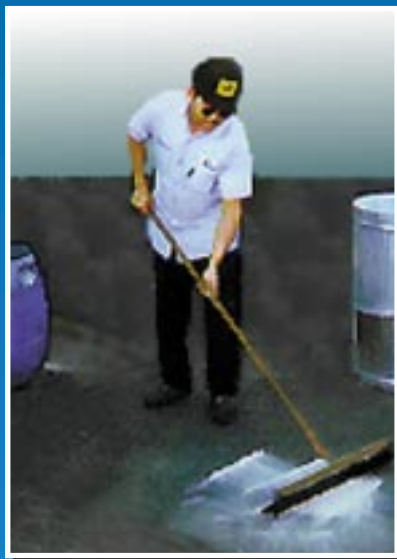
Prevent stormwater pollution at waste receptacles and air/water supply stations. Protect these areas from runoff (e.g. roofing areas, berming or grading areas). Maintain these areas and keep them clear of debris and litter. Use water tight receptacles for trash and keep the lids closed.

Evite contaminación de aguas pluviales en receptáculos de desechos y estaciones del suministro de agua/aire. Proteja estas áreas (ejemplo: áreas de techo, pared de protección, áreas de inclinación) de los corrientes. Mantenga estas áreas libre de desechos y basura. Use receptáculos impermeables y déjelos bien cerrados con sus tapaderas.



Use dry cleanup methods around your station. Sweep up debris and litter and use rags and absorbents for wet spills and/or leaks. Never wash down fueling or service areas unless the water can be collected and disposed of properly.

Utilice métodos secos (sin usar agua) de limpiar su en su estación. Barre desechos y basura y use trapos y absorbentes para limpiar derramamientos y lo goteras. Nunca lave o riegue áreas de servicio o áreas de gasolina a menos que pueda coleccionar y tirar el agua apropiadamente.



"Spot clean" leaks and spills routinely. A leak or spill isn't cleaned up until the contaminated absorbent is picked up and properly disposed of.

"Limpie Seguido" de goteras y derramamientos habitualmente. Una gotera o un derramamiento no está limpio hasta que se recoja y tira apropiadamente el absorbente contaminado.

The Ocean Begins At Your Front Door

Water Pollution Problem
Reporting Hotline
(Para reportar descargo ilegal)
714-567-6363

PROJECT
Pollution
PREVENTION



LA HABRA

Auto Zone
 1200 W. Imperial Hwy. (562) 694-5337
 Firestone Store
 1071 S. Beach Blvd. (562) 691-1731
 Kragen Auto Parts
 1621 E. Whittier Blvd. (562) 905-2538
 Pep Boys
 125 W. Imperial Hwy. 447-0601
 SpeeDee Oil Change & Tune-Up
 1580 W. Imperial Hwy. (562) 697-3513
 USA ExpressTire & Service Inc.
 421 E. Imperial Hwy. 826-1001

LOS ALAMITOS

Jiffy Lube
 3311 Katella Ave. (562) 596-1827

PLACENTIA

Econo Lube N Tune
 100 W. Chapman Ave. 524-0424
 Fairway Ford
 1350 E. Yorba Linda Blvd. 524-1200
 Placentia Super Service
 230 W. Santa Fe Ave. 528-1828
 Ralph Pennella Chevron Service
 313 W. Orangethorpe Ave. 996-1020

SEAL BEACH

Leisure World Union 76
 13980 Seal Beach Blvd. (562) 430-7939
 USA Express Tire & Auto
 12239 Seal Beach Blvd. 826-1001

STANTON

Auto Zone
 11320 Beach Blvd. (901) 495-7217
 Econo Tire & Auto Repair
 12232 Beach Blvd. 895-3573
 Joe's Auto Clinic
 11743 Beach Blvd. #4 891-7715
 Tri Valley Tire Outlets
 7000 Katella Ave. (800) 522-6798

WESTMINSTER

Auto Zone
 6503 Westminster Blvd. 898-2898
 Auto Zone
 8481 Westminster Blvd. 891-3511
 City of Westminster Corporate Yard
 14381 Olive St. 895-2876
 Honda World
 13600 Beach Blvd. 890-8900
 Jiffy Lube
 6011 Westminster Blvd. 899-2727
 John's Brake & Auto Repair
 13050 Hoover St. 379-2088
 Kragen Auto Parts
 6562 Westminster Blvd. 898-0810
 Midway City Sanitary District
 14451 Cedarwood St. 893-3553
 Pep Boys
 15221 Beach Blvd. 893-8544

YORBA LINDA

Chief Auto Parts
 18528 Yorba Linda Blvd. 970-8933
 Econo Lube N Tune
 22270 La Palma Ave. 692-8394
 Firestone Store
 18500 Yorba Linda Blvd. 779-1966
 Jiffy Lube
 16751 Yorba Linda Dr. 528-2800
 Mike Schultz Import Service
 4832 Eureka Ave. 528-4411
 Tri Valley Tire Outlets
 17005 Imperial Hwy. (800) 522-6798

For an updated list of waste oil collection centers in Northern Orange County, please visit the California Integrated Waste Management Board's website at:

www.ciwmb.ca.gov/usedoil

Additional questions regarding this notice and/or proper waste oil disposal may be directed to:

The Orange County Public Facilities & Resources Department's Stormwater Section at: (714) 567-6363

Orange County Stormwater Program
 10852 Douglas Rd.
 Anaheim, CA 92806

WASTE OIL COLLECTION CENTERS



IN NORTH ORANGE COUNTY

October 1999

This flyer has been prepared to inform the public of the availability of waste oil collection centers for the safe and proper disposal of waste oil in Orange County, and to protect storm drains, channels, creeks and bays from improper oil disposal.

WASTE OIL COLLECTION CENTERS

The County of Orange and its constituent cities are committed to controlling the discharge of pollutants into the storm drain system through the Cooperative Stormwater Program. As part of this effort, a comprehensive list of waste oil collection centers has been compiled by region so residents may conveniently dispose of their waste motor oil.

The following locations within each city will accept waste motor oil in quantities of up to five gallons. Since locations, volume limits, business hours and fees change, please contact the facility prior to taking waste oil to that location. Waste oil filters may not be disposed of with regular household trash and must be taken to a hazardous waste collection or recycling center. The listing of companies in this flyer does not constitute a recommendation or endorsement of the company.

This information was provided by the County of Orange Integrated Waste Management Department and the California Integrated Waste Management Board (CIWMB). For additional information about the proper disposal of household hazardous waste call the Household Waste Hotline at (714) 834-6752. For additional information about the nearest oil recycling center call the CIWMB Recycling Hotline at 1-800-553-2962.

ANAHEIM

Aamco Transmissions	
519-A S. Brookhurst St.	635-0860
Anaheim Hills Car Wash & Lube	
5810 E. La Palma Ave.	777-6605
Auto Zone	
2145 W. Lincoln Ave.	533-6599
Bavarian Auto Haus	
1009 E. Balsam Ave.	774-8620
Bedard Automotive	
3601 E. Miraloma Ave.	528-1380
Econo Lube N Tune	
3201 W. Lincoln Ave.	821-0128
Hardin Honda	

1381 Auto Center Dr.	533-1466
Hardin Olds and GMC	
1300 S. Anaheim Blvd.	533-1012
Instatune & Lube	
105 S. State College Blvd.	956-1389
Ira Newman Automotive Services	
1507 N. State College Blvd.	635-2392
Vonic Truck Services	
515 S. Rose St.	533-3333
Jiffy Lube	
2400 W. Ball Rd.	761-5211
Jiffy Lube	
2181 W. Lincoln Ave.	533-1000
Kragen Auto Parts	
1280 N. Euclid	772-9840
Kragen Auto Parts	
1088 N. State College Blvd.	956-7351
Kragen Auto Parts	
2245 W. Ball Rd.	220-1597
Kragen Auto Parts	
2072 Lincoln Ave.	502-6992
Kragen Auto Parts	
3420 W. Lincoln Ave.	828-7977
Parts Plus West	
510 N. Magnolia Ave.	828-6661
Pep Boys	
10912 Katella Ave.	638-0863
Pep Boys	
3030 W. Lincoln Ave.	826-4810
Pep Boys	
8205 E. Santa Ana Cyn. Rd.	974-0105
Pick Your Part	
1235 S. Beach Blvd.	527-1645
Quick Change Lube and Oil	
2731 W. Lincoln Ave.	821-4464
Stadium Shell Service	
2331 E. Katella Ave.	634-8208
Tri Valley Tire Outlets Inc.	
2021 E. La Palma	(800) 522-6798

BREA

Firestone Store	
891 E. Imperial Hwy.	529-8404
Oil Can Henry's	
230 N. Brea Blvd.	990-1900
Star Texaco Auto Center	
3300 Imperial Hwy.	961-8774

BUENA PARK

All Seasons Tire & Auto	
7960 La Palma	828-5990
Buena Park Tire & Wheels	
6448 Manchester Blvd.	523-9344
Firestone Store	
6011 Orangethorpe	670-7912
Kragen Auto Parts	
5303 Beach Blvd.	994-1320
Tire Station	
8600 Beach Blvd.	827-5300

CYPRESS

Big O Tires	
6052 Cerritos Ave.	(949) 443-4155
Chief Auto Parts	
5471 Lincoln Ave.	995-4644
Discount Auto Services	
6427 Ball Rd.	827-5952
Econo Lube N Tune	
5497 Cerritos Ave.	761-0456
M & N Coast Line Auto & Tire Serv Inc.	
4005 Ball Rd.	220-1555
Masterlube	
5904 Lincoln Ave.	826-2323
Masterlube	
5971 Ball Rd.	220-1555

FULLERTON

Auto Zone	
146 N. Raymond Ave.	870-9772
Auto Zone	
1801 Orangethorpe	870-8286
EZ Lube Inc.	
4002 N. Harbor Blvd.	871-9980
Fox Service Center	
1018 W. Orangethorpe	879-1430
Fullerton College Automotive	
146-B E. Chapman Ave.	992-7275
Kragen Auto Parts	
2978 Yorba Linda	996-4780
Pep Boys	
1530 S. Harbor Blvd.	870-0700
Sunnyside 76 Car Care Center	
2701 N. Brea Blvd.	256-0773
Tire Station	
1933 N. Placentia Ave.	993-7100

GARDEN GROVE

Auto Zone	
13190 Harbor Blvd.	636-5665
David Murray Texaco	
12571 Valley View St.	898-0170
Firestone Store	
10081 Chapman Ave.	530-4630
Firestone Store	
13961 Brookhurst St.	590-2741
Garden Grove Chevron	
11162 Garden Grove B.	530-3585
German Express Auto Services	
10151 Garden Grove Bvd. #D1	539-7980
Grease Monkey	
10142 Westminster Blvd.	530-8747
Jiffy Lube	
13162 Brookhurst St.	592-0665
Kragen Auto Parts	
13933 N. Harbor Blvd.	554-3780
Kragen Auto Parts	
9851 Chapman Ave.	592-0665
Oilmax 10 Minute Lube/Wash	
8100 Lampson Ave.	373-4432
Thanh Tam Auto	
13081 Century Blvd.	539-1794



Before you allow anything to go into the gutter or storm drain, stop to think!

Storm drains run directly into channels and creeks, through wetlands and to the ocean.

Preventing Spills and Discharges

Question: Can any liquids, solids or spilled materials from the mobile detailing operations be discharged to the storm drain?

Answer: *Think...about what you are doing before you do your job.*

Remember: *No washwater runoff or waste can be discharged to the storm drain.*

Question: Does the mobile detailer have the equipment, material and personnel to handle a spill or discharge?

Answer: *Be Prepared...for any spill or discharge.*

Remember: *Gather the right equipment and enough material.*

Question: Is it safe for me to clean up spills and discharges?

Answer: *Know...in advance, what you are handling and what to do.*

Remember: *Your safety is paramount.*

Question: When do I begin to clean up spills and discharges?

Answer: *Act...immediately, using known and safe procedures.*

Remember: *Protect the storm drain.*

Question: Do I need to report spills or discharges?

Answer: *Communicate...the spill to your supervisor as soon as possible.*

Remember: *Report all spills and discharges that are not contained on site to the number below or to 911 after hours.*

For More Information...

Questions regarding this brochure may be directed to:

The Orange County Public Facilities and Resources Department's Stormwater Section at (714) 567-6363



Orange County Stormwater Program
1750 S. Douglas Road
Anaheim, CA 92806

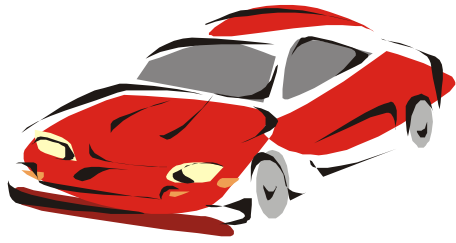
Mobile Detailing and the Water Quality Act



June 2001

This brochure has been prepared to inform mobile detailing businesses of the water quality guidelines that have been established regarding mobile detailing operations in Orange County in order to protect storm drains, channels, creeks, bays and ocean.

Mobile Detailing and the Water Quality Act



Water Quality Guidelines for Mobile Detailing Operations

This brochure is intended to explain the regulatory issues regarding the operations of mobile detailing services and the procedures that should be followed when conducting mobile detailing operations.

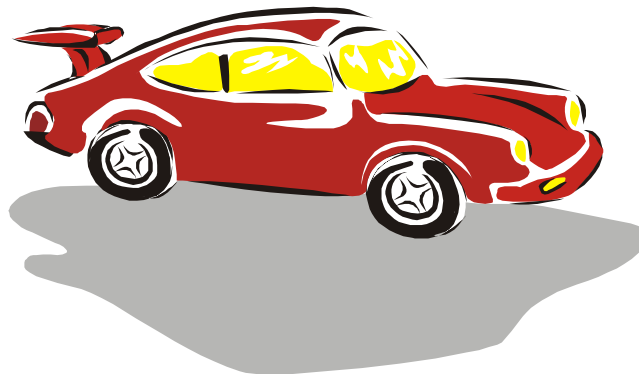
When using cleaning detergents, mobile detailing owners and workers always need to be conscious of things they can do to prevent wastes and washwater from entering the storm drains.

When performing mobile detailing operations you need to follow these guidelines in order to prevent waste or washwater from entering the storm drain.

Mobile Detailing Procedures

The following procedures should be adopted by individuals performing this service:

1. When cleaning engines and/or vehicles using chemical additives such as soaps, solvents or degreasers.
 - a. Service must be performed at a facility that has the equipment to properly process the contaminated wastewater runoff, or
 - b. Service must be performed using a leak-proof ground cover device that will catch and contain all contaminated wastewater runoff for later disposal in a manner that complies with all city, county, state and federal codes.



2. When engine cleaning is not involved, the service may be performed using only deionized water, purified water, and/or tap water with no additives for wash and rinse purposes. This water may then be discharged to the storm drain systems provided there is no visible evidence of chemical contamination such as foams, odors, discoloration, etc.

When chemical products must be used to perform this type of service, they must be used on a spot basis, and wiped off prior to rinsing.

3. Equipment, such as ground cover devices, shall be regularly inspected and maintained to ensure proper and effective functioning.

Before you allow anything to go into the gutter or storm drain, stop and think.

Storm drains run directly into channels and creeks, through wetlands and to the ocean.

Remember the ocean begins at your front door.

Orange County Storm Water Program Participants:

Aliso Viejo	(949) 425-3800
Anaheim Public Works/Engineering	(714) 765-6821
Brea Engineering	(714) 990-7666
Buena Park Public Works	(714) 562-3655
Costa Mesa Public Works	(714) 754-5248
Cypress Public Works	(714) 229-6740
Dana Point Public Works	(949) 248-3562
Fountain Valley Public Works	(714) 593-4400 x347
Fullerton Engineering Dept	(714) 738-6853
Garden Grove Public Works	(714) 741-5554
Huntington Beach Public Works	(714) 536-5432
Irvine Public Works	(949) 724-6315
La Habra Public Services	(562) 905-9792
La Palma Public Works	(714) 690-3310
Laguna Beach Public Works	(949) 497-0390
Laguna Hills Engineering	(949) 707-2600
Laguna Niguel Public Works	(949) 362-4337
Laguna Woods Public Works	(949) 452-0600
Lake Forest Public Works	(949) 461-3480
Los Alamitos Community Dev	(562) 431-3538 x301
Mission Viejo Public Works	(949) 470-3095
Newport Beach Public Works	(949) 644-3311
Orange Public Works	(714) 744-5551
Placentia Engineering	(714) 993-8131
Rancho Santa Margarita	(949) 635-1800
San Clemente Engineering	(949) 361-6118
San Juan Capistrano Engineering	(949) 493-1171
Santa Ana Public Works	(714) 647-3380
Seal Beach Engineering	(562) 431-2527 x318
Stanton Public Works	(714) 379-9222 x204
Tustin Public Works Engineering	(714) 573-3150
Villa Park Engineering	(714) 998-1500
Westminster Public Works Eng	(714) 898-3311 x215
Yorba Linda Engineering	(714) 961-7170
O. C. Storm Water Program	(714) 567-6363 or
24 Hour Water Pollution Problem Reporting Hotline	www.ocwatersheds.com or E-mail information to karen.ashby@pfrd.ocgov.com

Other Important Phone Numbers:

For Additional Brochures (714) 567-6363 or
www.ocwatersheds.com

For Recycling Tips www.oc.ca.ciwmb.ca.gov/wmprog.htm

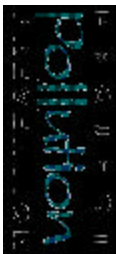
O. C. Household Hazardous Waste Information
(714) 834-6752 or www.oc.ca.gov/IWMD

Chemical and Hazardous Material Spill Emergencies 911

Locations that accept used motor oil, California Integrated
Waste Management Board (800) 553-2962 or
www.CIWMB.ca.gov

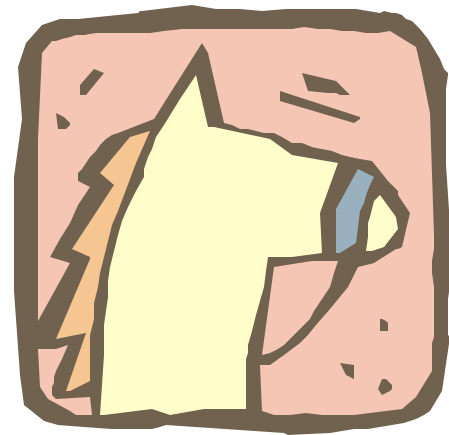
Agriculture chemicals, pesticides and possible alternatives,
O. C. Agriculture Commissioner (714) 447-7100

www.americoceans.org (202) 544-3576



Orange County Stormwater Program
1750 S. Douglas Road
Anaheim, CA 92806

Water Quality Guidelines for Horse & Livestock Management



April 2002

This brochure has been prepared to inform residents in Orange County of the guidelines recommended for horse and livestock management in order to protect the water quality in storm drains, channels, creeks, bays and ocean.

Water Quality Guidelines for Horse & Livestock Management

This brochure is intended to explain the regulatory issues regarding the discharges that can occur due to horse and livestock management activities. This brochure also explains what you can do to prevent these discharges.

When conducting horse and livestock management activities such as building a corral, feeding livestock or cleaning and grooming horses, you should follow these guidelines to prevent discharges from entering the storm drains or creeks where it flows untreated to bays, estuaries and ultimately the ocean.

How do horse and livestock activities contribute to water pollution?

Runoff from horse and livestock facilities of all sizes can carry soil and waste contaminants into watercourses, creating a nonpoint source of pollution. Sources of pollution carried in runoff include sediment, fertilizer, and pesticide residues, as well as nitrates, phosphates, organic matter, and fecal organisms from animal wastes. During rainfall contaminated runoff may flow, untreated, directly into the ocean.



Things You Can Do to Help

Facilities Design

- Locate barns, corrals and other high-use areas on portions of the property that either drain away from or are located distant from nearby creeks or storm drains.
- Restrict animal access to creeks and streams, preferably by fencing.
- Protect manure storage facilities from rainfall and surface runoff.
- Install gutters that will divert runoff away from livestock areas.

Pasture Management

- Establish healthy and vigorous pastures with at least three inches of leafy material.
- Confine animals in properly fenced areas except during exercise and grazing times.
- Animal holding areas should be swept or shoveled at least once per day, with the manure or other material properly stored and disposed of. These areas should never be hosed down to a stream or storm drain.
- During heavy rainfall, consider indoor feeding, a practice which keeps more manure under a roof and away from runoff.

Collection and Storage

- Store animal waste and contaminated materials (straw, shavings, etc.) in a sturdy, water tight unit.
- Line waste pits or trenches with an impermeable layer, such as thick plastic sheeting.

Use and Disposal

- Compost soiled bedding and manure.
- Donate composted material to local greenhouses, nurseries and botanical parks.
- Transport manure to topsoil companies or composting centers.

Grooming

- Use less toxic alternatives such as bacterial insecticides, diatomaceous earth insecticidal soaps, boric acid powder, horticultural oils, and pyrethrin-based insecticides.
- When washing livestock either allow the washwater to seep into the ground or collect in an area that is routed to the sanitary sewer.

Before you allow anything to go into the gutter or storm drain, stop and think.

Storm drains do not go to the sewer, they flow directly into channels and creeks, through wetlands and to the ocean.

Remember, the ocean begins at your front door.

Orange County Storm Water Program

Participants:

Anaheim Public Works/Engineering	(714) 765-5176
Brea Engineering	(714) 990-7666
Buena Park Public Works	(714) 562-3655
Costa Mesa Public Services	(714) 754-5248
Cypress Public Works	(714) 229-6740
Dana Point Public Works	(949) 248-3562
Fountain Valley Public Works	(714) 593-4400 x347
Fullerton Engineering Dept	(714) 738-6853
Garden Grove Public Works	(714) 741-5554
Huntington Beach Public Works	(714) 536-5432
Irvine Public Works	(949) 724-6315
La Habra Public Services	(562) 905-9792
La Palma Public Works	(714) 690-3310
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Laguna Niguel Public Works	(949) 362-4337
Laguna Woods Public Works	(949) 452-0600
Lake Forest Public Works	(949) 461-3480
Los Alamitos Community Dev	(562) 431-3538 x301
Mission Viejo Public Works	(949) 470-3095
Newport Beach Public Works	(949) 644-3311
Orange Public Works	(714) 744-5551
Placentia Engineering	(714) 993-8131
Rancho Santa Margarita Public Works	(949) 635-1800
San Clemente Engineering	(949) 361-6118
San Juan Capistrano Engineering	(949) 493-1171
Santa Ana Public Works	(714) 647-3380
Seal Beach Engineering	(562) 431-2527 x318
Stanton Public Works	(714) 379-9222 x204
Tustin Public Works Engineering	(714) 573-3150
Villa Park Engineering	(714) 998-1500
Westminster Public Works Eng.	(714) 898-3311 x229
Yorba Linda Engineering	(714) 961-7170 x174
O. C. Storm Water Program	(714) 567-6363
O. C. Urban Runoff Plan Review	(714) 834-3526
24 Hour Water Pollution Problem Reporting Hotline	(714) 567-6363 or E-mail information to ashbyk@pfrd.co.orange.ca.us
American Oceans Campaign	www.american oceans.org

Other Important Phone Numbers:

For Additional Brochures **(714) 567-6363**

For Recycling Tips www.ciwmb.ca.gov/wmprog.htm

*O. C. Household Hazardous Waste Information
(714) 834-6752 or www.oc.ca.gov/IWMD

Chemical and Hazardous Material Spill Emergencies 911

Information on locations that accept used motor oil,
California Integrated Waste Management Board
(800) 553-2962 or www.CIWMB.ca.gov

Information on agriculture chemicals, pesticides and possible alternatives, O.C. Agriculture Commissioner
(714) 447-7100

Information for industries regarding Hazardous Waste And Underground Storage Tank Requirements:
O.C. Health Care Agency / Environmental Health Division/ Hazardous Materials Management Section
(714) 667-3700

Do You Know Where The Water In Your Storm Drain Goes?



To The Ocean...

Orange County Urban Storm Water Pollution Prevention Program

Even if you live miles from the Pacific Ocean you may be polluting it without knowing it.

How Does Orange County's Storm Drain System Work?

Unlike the sewer system, which carries water from your indoor drains to wastewater treatment plants, the storm drain system releases untreated water into channels, rivers and ultimately the ocean.

To insure the safety and enjoyment of our environment, everyone's help is needed to keep the storm drain system free from harmful pollutants...

Did you know that one pint of motor oil can produce an oil slick of approximately one acre on the surface of water?

COMMON STORM DRAIN POLLUTANTS

HOME MAINTENANCE

- Detergents, Cleaners and Solvents
- Oil and Latex Paint
- Swimming Pool Chemicals
- Outdoor Trash and Litter

LAWN AND GARDEN

- Pet and Animal Waste
- Pesticides, Insecticides, and Herbicides
- Clippings, Leaves and Soil
- Fertilizer

AUTOMOBILE

- Oil and Grease
- Radiator Fluids and Antifreeze
- Cleaning Chemicals
- Brake pad dust



Things You Can Do To Protect The Water In Your Storm Drain System

Did you know that dumping anything in the storm drain system is illegal and harmful to the environment?

Before you let anything go into the gutter or the storm drain, stop and think!

HOUSEHOLD

Some household products, such as cleaners, insect spray and weed killers, can cause pollution if allowed to drain into a storm drain. Buy household products labeled "nontoxic" whenever possible. Clean up spills with an absorbent material such as kitty litter and check with your disposal carrier or a *household hazardous waste collection center**, for disposal recommendations.

PAINT AND SOLVENTS

Clean water-based paints from rollers, pans and brushes in sinks that go into the sewer system. Use paint thinner to remove oil-based paint from brushes and rollers, then take used thinner and left over paint to a *household hazardous waste collection center**, or keep the paint for touch ups, or give it to a friend.

AUTOMOTIVE

Keep your autos in good repair and watch for possible leaks. Take left over or used fluids to your *household hazardous waste collection center**. Clean up leaks and spills with an absorbent material such as kitty litter and check with your disposal carrier or a *household hazardous waste collection center** for disposal recommendations.

SWIMMING POOL AND SPA

Water containing chlorine is harmful to aquatic life. Whenever possible, drain water into the sewer system. There are established guidelines on the amount of residual chlorine, acceptable ph range, coloration, filter media and acid cleaning wastes when draining into the storm drain system, and some areas may require a permit. Check with your city or call the county at 714-567-6363 for a copy of the guidelines.

LAWN AND GARDEN

Use a broom or rake to clean up yard debris and place in trash bins; lawn clippings and leaves should be placed in recycling containers if available - or better yet, leave your grass clippings on the lawn. Follow directions carefully when using pesticides and fertilizers; don't over water or use before a rain. Pesticides and fertilizers may adversely impact our waterways.

TRASH

Place trash and litter that cannot be recycled or reused in trash cans, call your city to find out if your city has a recycling program. Whenever possible, turn trash into useful products and buy recycled products.

Remember: *Reduce - Reuse - Recycle*

PET CARE

Pick-up pet waste as soon as possible and put it in the trash. Pet waste has harmful bacteria that can get into our waterways. Also, follow label directions for disposal on pet care products like flea shampoo, they can be toxic.

This brochure has been developed as part of the Orange County Storm Water Management Program. Participants include the County of Orange, local cities, and agencies listed in this brochure. You may contact one of them for additional brochures and information.

Storm drain water goes directly into channels and creeks...

...and through wetlands and bays...

...to the ocean.

It's Up To You

Together, you and your neighbors can make a difference to keep gutters, storm drains and waterways clean. To learn more, contact your city or one of the program participants listed in this brochure.



For More Information...

Questions regarding this brochure may be directed to:

The Orange County Public Facilities and Resources Department's Stormwater Section at (714) 567-6363



Orange County Stormwater Program
10852 Douglass Road
Anaheim, CA 92806

Pool Maintenance and the Water Quality Act



July 2000

This brochure has been prepared to inform the public of the guidelines that have been established regarding the discharge of pool water in Orange County in order to protect storm drains, channels, creeks and bays.

Pool Maintenance and the Water Quality Act

This brochure is presented to you to explain the regulatory issues regarding the discharge of pool water and the two methods by which it may be discharged.

Many pools are plumbed to allow the discharge to go directly to the sanitary sewer. This is an acceptable and preferred method of disposal.

Where the discharge of pool water to the sanitary sewer is not feasible, federal law allows the release of dechlorinated swimming pool water. In Orange County the guidelines for such releases requires pool owners to ensure that all the following criteria are met:

- The residential chlorine does not exceed 0.1 mg/l (parts per million);
- The pH is between 6.5 and 8.5;
- The water is free of any unusual coloration;
- There is no discharge of filter media;
- There is no discharge of acid cleaning wastes; and
- Any pipe connection to the stormdrain system has permits from the city or county having jurisdiction.



Compliance with this guidance can be verified using a pool testing kit. Excess chlorine can be removed by removing the chlorine tablets for a couple of days prior to discharge or by purchasing dechlorinating chemicals from local pool supply companies.



By ensuring compliance with these criteria, you will make a significant contribution toward keeping pollutants out of Orange County's creeks, streams and receiving waters and help to protect organisms that are sensitive to pool chemicals.



Before you allow anything to go into the gutter or storm drain, stop to think.

Storm drains run directly into channels and creeks, through wetlands and to the ocean.

Remember the ocean begins at your front door.

Orange County Storm Water Program Participants:



Aliso Viejo	(949) 425-3800
Anaheim Public Works/Engineering	(714) 765-6821
Brea Engineering	(714) 990-7666
Buena Park Public Works	(714) 562-3655
Costa Mesa Public Works	(714) 754-5248
Cypress Public Works	(714) 229-6740
Dana Point Public Works	(949) 248-3562
Fountain Valley Public Works	(714) 593-4400 x347
Fullerton Engineering Dept	(714) 738-6853
Garden Grove Public Works	(714) 741-5554
Huntington Beach Public Works	(714) 536-5432
Irvine Public Works	(949) 724-6315
La Habra Public Services	(562) 905-9792
La Palma Public Works	(714) 690-3310
Laguna Beach Public Works	(949) 497-0390
Laguna Hills Engineering	(949) 707-2600
Laguna Niguel Public Works	(949) 362-4337
Laguna Woods Public Works	(949) 452-0600
Lake Forest Public Works	(949) 461-3480
Los Alamitos Community Dev	(562) 431-3538 x301
Mission Viejo Public Works	(949) 470-3095
Newport Beach Public Works	(949) 644-3311
Orange Public Works	(714) 744-5551
Placentia Engineering	(714) 993-8131
Rancho Santa Margarita	(949) 635-1800
San Clemente Engineering	(949) 361-6118
San Juan Capistrano Engineering	(949) 493-1171
Santa Ana Public Works	(714) 647-3380
Seal Beach Engineering	(562) 431-2527 x318
Stanton Public Works	(714) 379-9222 x204
Tustin Public Works Engineering	(714) 573-3150
Villa Park Engineering	(714) 998-1500
Westminster Public Works Eng	(714) 898-3311 x215
Yorba Linda Engineering	(714) 961-7170
O. C. Storm Water Program	(714) 567-6363
24 Hour Water Pollution Problem Reporting Hotline	(714) 567-6363 or E-mail information to karen.ashby@pfrd.ocgov.com

Other Important Phone Numbers:

For Additional Brochures	(714) 567-6363
For Recycling Tips	www.oc.ca.ciwmb.ca.gov/wmprog.htm
O. C. Household Hazardous Waste Information	(714) 834-6752 or www.oc.ca.gov/IWMD
Chemical and Hazardous Material Spill Emergencies	911
Locations that accept used motor oil, California Integrated Waste Management Board	(800) 553-2962 or www.CIWMB.ca.gov
Agriculture chemicals, pesticides and possible alternatives, O. C. Agriculture Commissioner	(714) 447-7100
www.americanoceans.org	(202)544-3526

Orange County Stormwater Program
1750 S. Douglas Road
Anaheim, CA 92806

Water Quality Guidelines for Pet Care Activities



March 2002

This brochure has been prepared to inform residents in Orange County of the guidelines recommended for proper pet care in order to protect the water quality in storm drains, channels, creeks, bays and ocean.

Water Quality Guidelines for Pet Care Activities

This brochure is intended to explain the regulatory issues regarding pet care activities and suggest what you can do to prevent these activities from causing water quality problems.

Whether walking your dog on the beach or keeping your pet in your backyard, pet owners always need to be conscious of things they can do to prevent pet care activities from creating discharges that may enter the storm drains.

Once discharges or storm runoff containing pet waste flows to the storm drain, it flows untreated to rivers, streams, and lakes and ultimately to the ocean.

Washing Your Pets

If possible, bathe your pets indoors using less toxic shampoos or have your pet professionally groomed. Pet shampoos and soaps, even when biodegradable, can be toxic to humans and marine life.

Flea Control

Consider using alternatives such as oral or topical flea control products. If you use flea control products such as shampoos, sprays or collars, make sure to dispose of unused quantities properly.

Why is it important to pick up after your pet?

During rainfall, pet waste left on lawns, beaches, trails and sidewalks can wash into storm drains. These wastes flow directly into streams, lakes and the ocean where they can harm human health and the environment.



As they decompose, pet wastes demand a high level of oxygen from water. This can kill fish and plant life by reducing the amount of dissolved oxygen available to them.



Have fun with your pets! But please be a responsible pet owner and take care of them and the environment.

What can I do?

Pick up after your pet!

It's as easy as 1-2-3

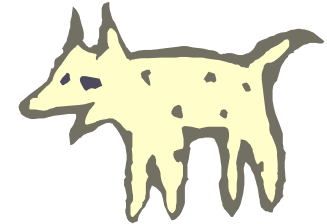


1-Bring a bag

2-Clean it up



3-Dispose of it properly
(toilet or trash)



Before you allow anything to go into the gutter or storm drain, stop and think.

Storm drains do not go to the sewer, they flow directly into channels and creeks, through wetlands and to the ocean.

Remember the ocean begins at your front door.

This brochure is being distributed in order to reduce the impact of pesticides on water quality. It was produced with support from the Orange County Storm Water Program, the Coalition for Urban/Rural Environmental Stewardship (CURES) and a 319(h) grant from the State Water Resources Control Board.



Orange County Storm Water Program Participants:

Anaheim Public Works/Engineering.....(714) 765-5176
 Brea Engineering.....(714) 990-7666
 Buena Park Public Works.....(714) 562-3655
 Costa Mesa Public Services.....(714) 754-5248
 Cypress Engineering.....(714) 229-6752
 Dana Point Public Works.....(949) 248-3562
 Fountain Valley Public Works.....(714) 593-4400 x347
 Fullerton Engineering Dept.....(714) 738-6853
 Garden Grove Development Services.....(714) 741-5554
 Huntington Beach Public Works.....(714) 536-5432
 Irvine Public Works.....(949)724-6515
 La Habra Public Services.....(562) 905-9792
 La Palma Public Works.....(714) 523-1140 x102
 Laguna Beach Municipal Services.....(949) 497-0711
 Laguna Hills Engineering.....(949) 707-2600
 Laguna Niguel Public Works.....(949) 362-4337
 Lake Forest Public Works.....(949) 461-3480
 Los Alamitos Community Dev.....(562) 431-3538 x301
 Mission Viejo Public Works.....(949) 470-3095
 Newport Beach Public works.....(949) 644-3311
 Orange Public Works.....(714) 744-5551
 Placentia Engineering.....(714) 993-8131
 San Clemente Engineering.....(949) 361-6100
 San Juan Capistrano Engineering.....(949) 493-1171
 Santa Ana Public Works.....(714) 647-3380
 Seal Beach Engineering.....(562) 431-2527 x318
 Stanton Public Works.....(714) 379-9222 x204
 Tustin Public Works Engineering.....(714) 573-3150
 Villa Park Engineering.....(714) 998-1500
 Westminster Public Works Eng.....(714) 898-3311 x215
 Yorba Linda Engineering.....(714) 961-7170 x174
 O.C. Storm Water Program.....(714) 567-6363
 24 Hour Water Pollution Hotline.....(714) 567-6363 or
 ashbyk@pfrd.co.orange.ca.us

Chemical and Hazardous Material Spill Emergencies.....911

Other Important Phone Numbers:

For Additional Brochures.....(714) 567-6363

UC Masters & Coop Extension.....(714) 708-1646

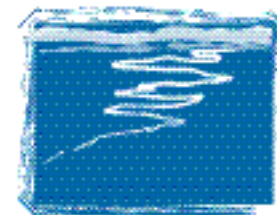
ucmastergardeners@yahoo.com

O.C. Household Hazardous Waste Information.....(714) 834-6752

or www.oc.ca.gov/IWMD

Information on agriculture chemicals, pesticides and possible alternatives, O.C. Agriculture Commissioner.....(714) 447-715

Original graphics developed with support from:
 Coalition For Urban/Rural Environmental Stewardship (CURES)
 Western Crop Protection Association (WCPA)
 Responsible Industry for a Sound Environment (RISE)



HOMEOWNER TIPS PROTECTING WATER

Before Buying Pest Control Products

- Identify the pest.
- Decide if pest control products are the best control measure or if there are alternatives available.
- Are integrated pest management guidelines available for this pest?
- Read the product label:
 - Is the pest listed on the label?
 - Is it the best product for the pest?

Before Mixing Your Sprayer

- Read the label carefully.
- Buy only enough pesticide to treat the area affected by the pest.
- Check the weather and don't apply if it's windy or about to rain.
- Measure the area you're treating.
- Calculate how much spray to mix.
- Wear long sleeve shirt, long pants, shoes and any other protective equipment listed on the label and follow all the label precautions.
- Be prepared for spills and know how to clean them up.

When You're Ready To Spray

- Mix and load spray in an area where any spilled pesticide will not be able to drain or be washed away into storm drains, ditches, streams, ponds or other bodies of water.
- Mix sprayer on grass, not the sidewalk or driveway.
- Mix only as much as needed.

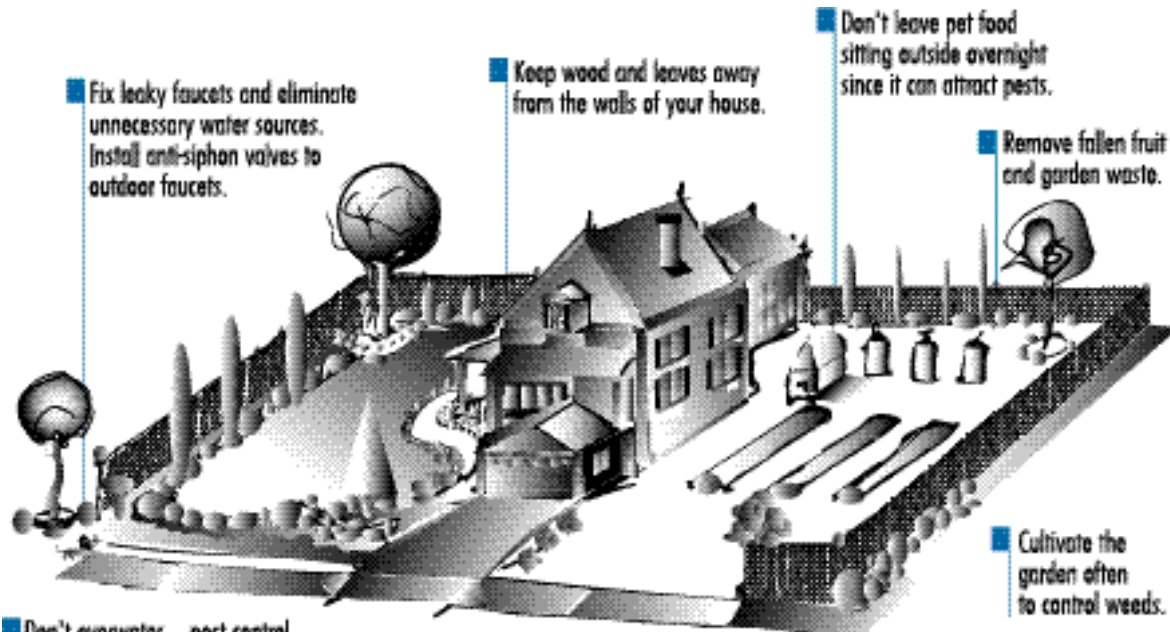
When You're Spraying

- AVOID spraying in or near storm drains, ditches, streams, and ponds!
- Leave an untreated strip around these areas to protect the water.

When You're done

- Never dump leftovers down any drain; Save for a future application.
- Triple-rinse sprayer and apply rinsewater to treated area.
- Take any old or unwanted pesticides to a Household Hazardous Waste Collection Center (714) 834-6752.

Using Pest Control Products.
It's Your Responsibility To Do It Right!



Fix leaky faucets and eliminate unnecessary water sources. Install anti-siphon valves to outdoor faucets.

Keep wood and leaves away from the walls of your house.

Don't leave pet food sitting outside overnight since it can attract pests.

Remove fallen fruit and garden waste.

Don't overwater — pest control products and fertilizer runoff can be washed into drains and waterways.

Clean up debris that may harbor pests. Remove weak or dying plants.

Tightly cover garbage cans.

Repair all window/door screens and seal any cracks or openings in walls.

Healthy and well-fed plants are a good defense against insect pests.

IPM... OUTSMARTING PESTS WHILE PROTECTING WATER

With Integrated Pest Management (IPM), homeowners use common sense and nature to make it difficult for pests to survive. IPM techniques include cultural practices (such as mulching to prevent weeds), encouraging natural enemies (good bugs), and judicious use of pest control products.

- First, identify your pest problem. To find the best solution, you need to pin down the problem. Consult gardening books, your county cooperative extension office or your local nursery.
- Decide how much pest control is necessary. If you can live with some pest damage, you can avoid intensive pest control product treatments.

- Choose an effective option. Try various types of controls first: washing bugs off plants, pruning diseased parts of plants. If you need to use pest control products, choose one that targets the problem and poses the least hazard.
- Finally, it's easier to prevent pests than to control them.

Think ahead.



Preventing Releases to the Storm Drain

Question: Can any liquids, solids or spilled materials from restaurant cleaning operations be discharged to the storm drain?

Answer: *No restaurant washwater or waste may be discharged to the storm drain.*

Remember: *Think...about what you are doing before you start cleaning.*

Question: Does the restaurant have the equipment, material and personnel to handle a spill or discharge (such as a grease or sewage spill)?

Answer: *Be Prepared...for any spill or discharge.*

Remember: *Pre-plan: Gather the right equipment and enough material ahead of time.*

Question: Is it safe for me to clean up spills and discharges?

Answer: *Know...in advance, what you are handling and what to do and make sure staff are trained.*

Remember: *Your safety is paramount.*

Question: When do I begin to clean up spills and discharges?

Answer: *Act...immediately, using known and safe procedures, and try to contain the spilled material on your property.*

Remember: *Protect the storm drain.*

Question: Do I need to report spills or discharges?

Answer: *Communicate...the spill to your supervisor as soon as possible.*

Remember: *Report all spills and discharges that are not contained on site to the number below or to 911 after hours.*



Questions regarding this brochure may be directed to:

The Orange County Public Facilities and Resources Department's Stormwater Section at (714) 567-6363

Orange County Stormwater Program
1750 S. Douglas Road
Anaheim, CA 92806

Water Quality Guidelines for Exterior Restaurant Cleaning Operations



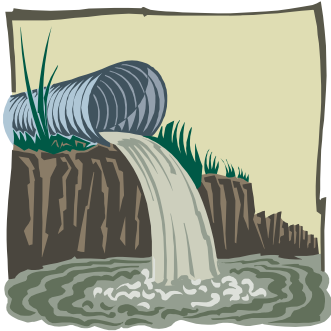
June 2001

This brochure has been prepared to inform restaurants in Orange County of the guidelines recommended for external restaurant cleaning operations in order to protect the water quality in storm drains, channels, creeks, bays and ocean.

Water Quality Guidelines for Exterior Restaurant Cleaning Operations

This brochure is intended to explain the regulatory issues regarding the discharge of restaurant cleaning washwater and the procedures that should be followed when conducting activities outside your restaurant that may result in offsite runoff.

When cleaning your facility you need to follow these guidelines in order to prevent waste or washwater from entering the storm drains where it flows untreated to the ocean.



General Cleaning Operations

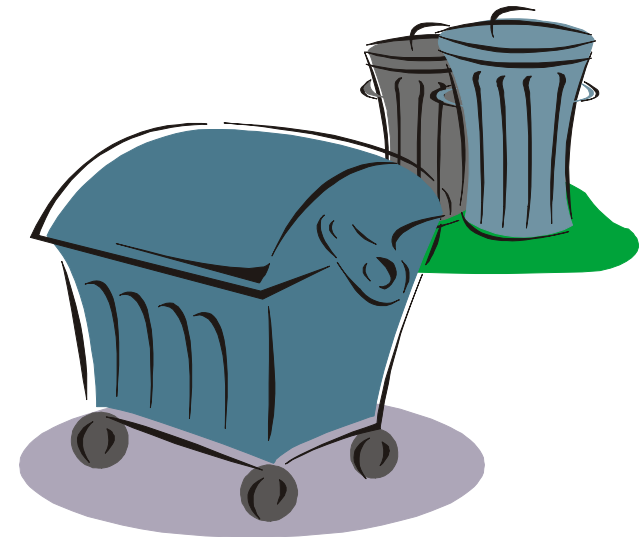
- Clean floormats, filters and garbage cans in a mop sink, area with a floor drain that is connected to the sanitary sewer or in an area which will contain the washwater.
- Pour all washwater into a janitorial or mop sink.
- Keep dumpster areas clean and lids closed. Clean the area following guidelines.

Hose Washing of Dumpster Areas, Sidewalks and Common Areas

- If hot water, soap or any other cleaning agent is used, block the storm drain and collect water/waste and discharge to the sanitary sewer (with the approval of the local sanitation district).
- If only cold tap water with no cleaning agent is used, then the following Best Management Practices (BMPs) must be implemented before washing:
 - Prior to washing, clean and/or sweep all large debris from the area, and
 - Clean any fluid spills with an appropriate dry method, such as kitty litter or other absorbent, and dispose of appropriately,
 - To the extent practicable, the wash water must be directed to vegetative or unpaved areas where it would soak into the ground.
 - If the wash water appears contaminated (cloudy, colored, presence of suspended solids), additional Best Management Practices such as diversion to the sanitary sewer (with approval) or filtration methods must be implemented.

Steam/Pressure Washing of Dumpster Areas, Sidewalks and Common Areas

- Block the storm drain and collect all water/waste for disposal to the sanitary sewer (with the prior approval of the local sanitation district).



Before you allow anything to go into the gutter or storm drain, stop and think/storm drains do not go to the sewer, they flow directly into channels and creeks, through wetlands and to the ocean.

Remember the ocean begins at your front door.

SAN CLEMENTE

Big O Tire
927 N. El Camino Real (949) 443-4155

Kragen Auto Parts
1113 S. El Camino Real (949) 492-9850

SAN JUAN CAPISTRANO

Saturn of San Juan Capistrano
33033 Camino Capistrano (949) 248-5411

Texaco Xpress Lube
27201 Ortega Hwy. (949) 489-8008



For an updated list of waste oil collection centers in Southern Orange County, please visit the California Integrated Waste Management Board's website at:

www.ciwmb.ca.gov/usedoil

Additional questions regarding this notice and/or proper waste oil disposal may be directed to:

The Orange County Public Facilities and Resources Department's Stormwater Section (714) 567-6363

Orange County Stormwater Program
10852 Douglas Rd.
Anaheim, CA 92806

WASTE OIL COLLECTION CENTERS



IN SOUTH ORANGE COUNTY

October 1999

This flyer has been prepared to inform the public of the availability of waste oil collection centers for the safe and proper disposal of waste oil in Orange County, and to protect storm drains, channels, creeks and bays from improper oil disposal.

WASTE OIL COLLECTION CENTERS

The County of Orange and all of the cities in Orange County are committed through the Cooperative Stormwater Program to controlling the discharge of pollutants into the storm drain system. As part of this effort, a comprehensive list of waste oil collection centers has been compiled by region so residents may conveniently dispose of their waste motor oil.

The following locations within each city will accept waste motor oil in quantities of up to five gallons. Since locations, volume limits, business hours and fees change, please contact the facility prior to taking waste oil to that location. Waste oil filters may not be disposed of with regular household trash and must be taken to a hazardous waste collection or recycling center in Anaheim, Huntington Beach, Irvine or San Juan Capistrano. The listing of companies in this flyer does not constitute a recommendation or endorsement of the company.

This information was provided by the County of Orange Integrated Waste Management Department and the California Integrated Waste Management Board (CIWMB). For additional information about the proper disposal of household hazardous waste call the Household Waste Hotline at (714) 834-6752. For additional information about the nearest oil recycling center call the CIWMB Recycling Hotline at 1-800-553-2962.

DANA POINT

Dana Point Fuel Dock
34661 Puerto Pl. (949) 496-6113

EZ Lube Inc.
34242 Doheny Park Rd. (949) 477-1223

LAGUNA BEACH

Laguna Pete's Automotive
890 S. Coast Hwy. (949) 494-7408

LAKE FOREST

Big O Tires
20742 Lake Forest Dr. (949) 443-4155

Big O Tires
23081 Orange Ave. (949) 588-0934

El Toro Texaco
23751 El Toro Rd. (949) 457-9892

Firestone Store
24421 Rockfield Blvd. (949) 581-2660

Jiffy Lube
20781 Lake Forest Dr. (949) 583-0470

Kragen Auto Parts
24601 Raymond Way (949) 829-8292

Lake Forest Texaco
23652 Rockfield Blvd. (949) 581-5770

Pep Boys
22671 Lake Forest Dr. (949) 855-9593

Purrfect Auto Service
20732 Lake Forest Dr. (949) 457-1150

Ryan's Foothill Ranch Transmission
20622 Pascal Way (949) 770-6888

LAGUNA NIGUEL

Econo Lube N Tune
27912 Forbes Rd. (949) 364-5833

Laguna Niguel Service Center
26042 Cape Dr. #12 (949) 582-2191

Suspension Plus
27972 Forbes Rd. #C (949) 365-1070

***Before you allow anything to go
into the gutter or storm drain,
stop to think!***

***Storm drains run directly into
channels and creeks, through
wetlands and to the ocean.***

LAGUNA HILLS

Alicia Mobil Services
25491 Alicia Pkwy. (949) 472-9692

David J Phillips Buick
24888 Alicia Pkwy. (949) 831-0434

EZ Lube
24281 Moulton Pkwy. (949) 830-9840

Kragen Auto Parts
26562 Moulton Ave. (949) 831-0434

Tire Station
24196 Laguna Hills Mall (949) 581-4700

MISSION VIEJO

AAA Complete Auto Care & Tire
27913 Center St. (949) 347-8200

Autobahn West
27210 La Paz Rd. (949) 770-2312

Darrell Williams Chevron
27650 Santa Margarita (949) 586-7319

Direct Performance LLC
23662 Via Fabricante #B (949) 837-1988

Econo Lube & Tune
25902 El Paseo (949) 582-5483

Jiffy Lube
27240 La Paz Rd. (949) 455-0470

Kragen Auto Parts
24510 Alicia Pkwy. (949) 951-9175

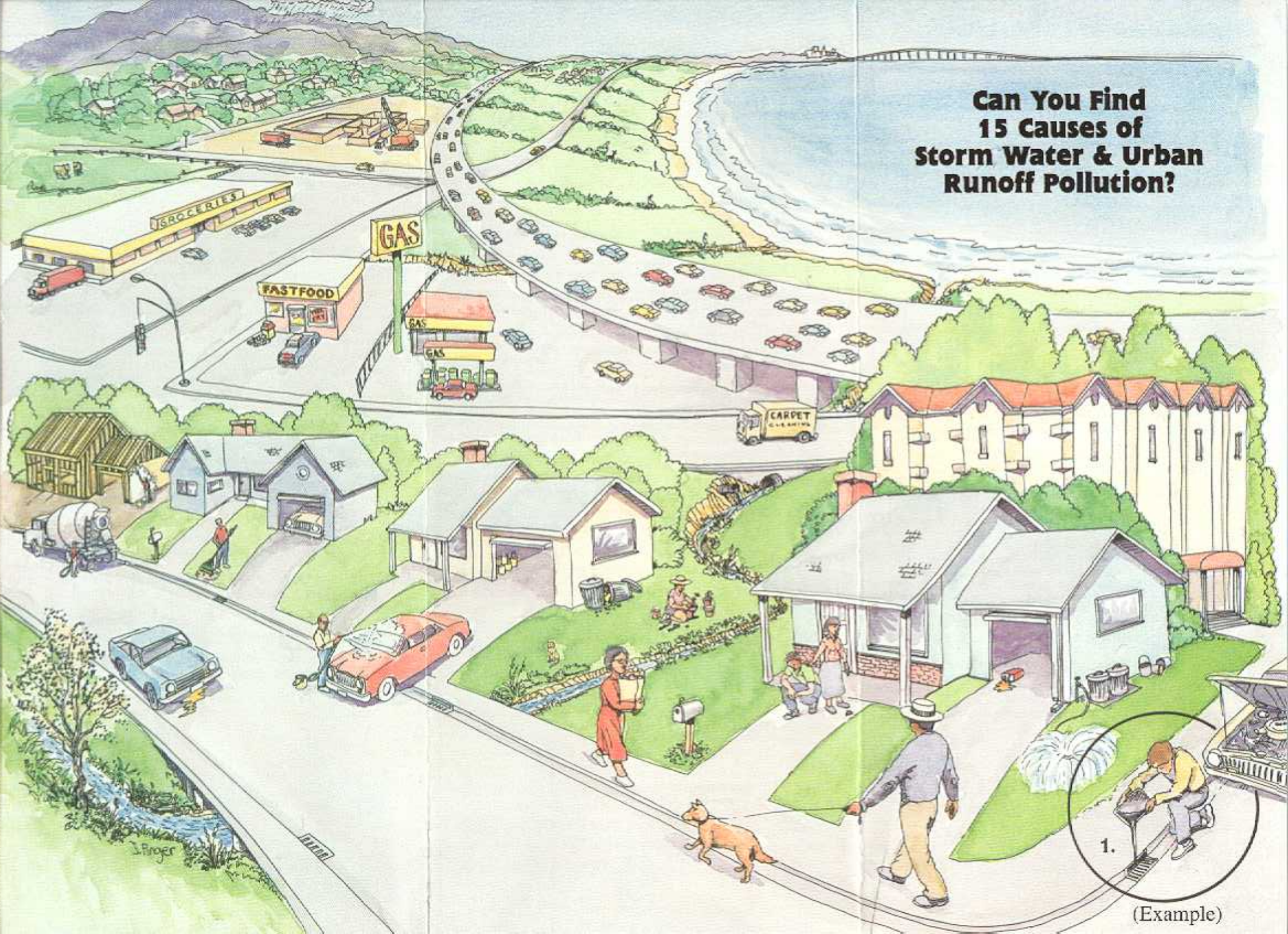
Mission Viejo Chevron
27742 Crown Vly. Pkwy. (949) 364-0137

Oilmax 10 Minute Lube
25800 Jeronimo Rd. #300 (661) 259-3069

Purrfect Auto Service
23255 Madero Ste. B (949) 452-0645

Ramona Auto Services
27210 La Paz Rd. (949) 583-1233

Can You Find 15 Causes of Storm Water & Urban Runoff Pollution?



1.

(Example)

The Ocean is closer than you think.

The picture shows how materials improperly used and disposed can go down the storm drain and flow into the Ocean!

STORM WATER & URBAN RUNOFF POLLUTION

Here are ways to reduce SWURP!

Home Maintenance



Buy household products such as cleaners and furniture polish labeled "non toxic". Use small quantities and purchase only the amount you need.



Properly use and store all toxic products, including cleaners, solvents and paints. Use up paint cleaners and other products or share leftovers with neighbor.



Take household hazardous materials and containers to a hazardous material collection center. ★



Use kitty litter or other absorbent materials to clean spills. Depending on the substance, dispose absorbents in the trash can or at a hazardous material collection center. ★

★ For more information, see Telephone Numbers on the back of this brochure.



Rinse water based paint brushes in the sink. Filter and reuse paint thinner or brush cleaners. Dispose of used thinner, oil and latex paint at a hazardous materials collection center. ★



Recycle reusable materials. Throw litter into trash cans and keep cans tightly covered to prevent foraging by animals.



Control erosion at construction and landscape sites to prevent dirt and debris from entering storm drains.

Lawn and Garden



Use pesticides, herbicides and fertilizers in accordance with label instructions. Do not apply before rain and dispose leftovers at a hazardous materials collection center. ★



Use a broom rather than a hose to clean up garden clippings. Put leaves and clippings in a trash can or a compost pile.



divert rain spouts and garden hoses from paved surfaces onto grass to allow water to filter through the soil. Water only your lawn and garden. **Caution! do not use this suggested action in areas with steep slopes or landslide potential.**



Pick up animal waste and dispose in the trash can.

Automotive



Take used motor oil and antifreeze to gas stations that accept recyclable automotive fluids, or to a hazardous materials collection center. ★



Have your car maintained regularly to prevent oil, antifreeze and other fluid leaks.



Reduce automotive emissions through routine auto maintenance, ride sharing and public transportation.



Conserve water when washing your car and use biodegradable soap. clean engines at a "Do It Yourself Car Wash" where the drainage is not connected to the storm drain.

You can control SWURP by supporting city and county activities to keep your streets clean. You can help by participating in recycling, beach clean-ups, and the proper disposal of hazardous materials.

Since many businesses and residents are unaware of the storm water & urban runoff problem, encourage neighbors and co-workers to be careful in not polluting the storm drain system.

Together, you, your neighbors and city can make a difference in keeping the ocean and beaches clean for ourselves and wildlife. Contact the Storm Water Participant in your area to share ideas or ask questions on keeping storm drains clean.



A Cooperative Project between the County of Orange, its Cities and the Public Facilities & Resources Department

Did you know that dumping one quart of motor oil down a storm drain contaminates 250,000 gallons of water?

Storm Water Quality Management Programs have been developed by the Orange County Public Facilities & Resources Department, local cities, and other agencies which participate in the National Pollutant Discharge Elimination System (NPDES). Their responsibilities involve encouraging the public to help protect water quality, monitoring runoff in the storm drain system, managing NPDES permit process for municipalities, investigating illegal disposals and maintaining storm drains.

The support of Orange County residents, businesses and industries is needed to improve water quality and reduce the threat of Storm Water & Urban Runoff Pollution (SWURP). Proper use and disposal of materials we use everyday will help stop this form of pollution before it reaches the storm drain and the ocean.



A Cooperative Project between the County of Orange, its Cities and the Public Facilities & Resources Department

The Public Facilities & Resources Department would like to thank the Santa Clara Valley Water District and artist John Finger for the artwork and concept of this brochure. Funding by Orange County Flood Control District and Orange County Storm Water Program.



Orange County Storm Water Program Participants:

Anaheim Public Works/Engineering	(714) 765-5176
Brea Engineering	(714) 990-7666
Buena Park Public Works	(714) 562-3655
Costa Mesa Public Works	(714) 754-5248
Cypress Public Works	(714) 229-6740
Dana Point Public Works	(949) 248-3562
Fountain Valley Public Works	(714) 593-4400 x347
Fullerton Engineering Dept	(714) 738-6853
Garden Grove Public Works	(714) 741-5554
Huntington Beach Public Works	(714) 536-5432
Irvine Public Works	(949) 724-6315
La Habra Public Services	(562) 905-9792
La Palma Public Works	(714) 690-3310
Laguna Beach Public Works	(949) 497-0390
Laguna Hills Engineering	(949) 707-2600
Laguna Niguel Public Works	(949) 362-4337
Laguna Woods Public Works	(949) 452-0600
Lake Forest Public Works	(949) 461-3480
Los Alamitos Community Dev	(562) 431-3538 x301
Mission Viejo Public Works	(949) 470-3095
Newport Beach Public Works	(949) 644-3311
Orange Public Works	(714) 744-5551
Placentia Engineering	(714) 993-8131
Rancho Santa Margarita	(949) 635-8000
San Clemente Engineering	(949) 361-6118
San Juan Capistrano Engineering	(949) 493-1171
Santa Ana Public Works	(714) 647-3380
Seal Beach Engineering	(562) 431-2527 x318
Stanton Public Works	(714) 379-9222 x204
Tustin Public Works Engineering	(714) 573-3150
Villa Park Engineering	(714) 998-1500
Westminster Public Works Eng.	(714) 898-3311 x229
Yorba Linda Engineering	(714) 961-7170 x174
Orange County Storm Water Program	(714) 567-6363
24 Hour Water Pollution Problem Reporting Hotline	(714) 567-6363 or .E-mail information to ashbyk@pfrd.co.orange.ca.us
American Oceans Campaign	www.americoceans.org

Other Important Phone Numbers:

For Additional Brochures	(714) 567-6363
For Recycling Tips	www.oc.ca.ciwmw.ca.gov/wmprog.htm
O. C. Household Hazardous Waste Information	(714) 834-6752 or www.oc.ca.gov/IWMD
Chemical and Hazardous Materials Spill Emergencies	911
Locations that accept used motor oil, California Integrated Waste Management Board	(800) 553-2962 or www.CIWMB.ca.gov

Agriculture chemicals, pesticides and possible alternatives:	
O.C. Agriculture Commissioner	(714) 447-7100
Industries regarding Hazardous Waste and Underground Storage Tank Requirements:	
O.C. Health Care Agency/ Environmental Health Division/ Hazardous Materials Management Section	(714) 667-3700

The Ocean begins at your front door!



**Storm Water & Urban Runoff Pollution (SWURP)
And What You Can Do To Stop It!**

Even though you live miles from the Pacific Ocean, you may be polluting it without knowing it.

Did You Know...

Anything we use in our home, car and business like motor oil, paint, pesticides, fertilizers and cleaners can wind up in the street.

A little water from rain or a garden hose can carry automotive and house hold materials through the storm drain polluting bays, wetlands and the ocean. Storm drains are there to drain water off the street-not for disposal of hazardous materials.

Before you pour anything into the gutter or down the drain, stop and think!

Where Does It Go?

These pollutants flow together on a journey from the storm drain to the flood control channel where it can eventually empty into the ocean. This type of pollution is called Storm Water & Urban Runoff Pollution (SWURP) and is a serious threat to the beaches and ocean of Southern California.

What Is Storm Water & Urban Runoff Pollution (SWURP)

Storm water runoff refers to seasonal rainfall flows. It is very noticeable during a heavy rain storm when large volumes of water drain off paved areas. Urban runoff can happen anytime of the year when excessive water use from irrigation, car washing and other sources carries litter, lawn clippings and other urban pollutants into storm drains. Even an automobile leaking motor oil 20 miles inland can still pollute the ocean.

How Is It Different From Other Forms of Water Pollution?

SWURP can include anything that washes into the storm drain from the community. Unlike water pollution linked to factories or sewage treatment plants, SWURP can come from city streets, neighborhoods, farms, construction sites and parking lots.

Storm drains go directly into channels and creeks...

Storm Water & Urban Runoff Pollution Comes From:

- Automotive leaks and spills.
- Improper disposal of used oil and other engine fluids down the storm drain.
- Metals found in vehicle exhaust, weathered paint, rust, metal plating and tires.
- Pesticides, herbicides and fertilizers from lawns, gardens and farms.
- Improper disposal of cleaners, paint and paint removers.
- Soil erosion and dust debris from landscape and construction activities.
- Litter, lawn clippings, animal waste and other organic matter.
- Oil stains on parking lots and paved surfaces.

Storm Water & Urban Runoff Pollution And The Ocean

SWURP may have a serious impact on water quality in Orange County. Pollutants from the storm drain system can harm marine life as well as coastal and wetland habitats. It can also degrade recreation areas such as beaches, harbors and bays.

...and through wetlands and bays to the ocean.

Because storm drains are separate from our sewer system, SWURP can flow into the ocean without treatment.

