

Ocean Pollution Prevention: It's Up to Us!

Hermosa Beach has two drainage systems – the sewers and the storm drains. The sewer system takes waste from homes and businesses to a treatment plant before discharging to the ocean. The storm drain system is designed to prevent flooding by carrying excess rainwater away from city streets out to the ocean.

Rain water mixed with urban pollutants may create stormwater pollution. Urban runoff pollution may also flow to the ocean through the storm drain system. The pollutants include: oil and other automotive fluids, paint and construction debris, yard and pet wastes, pesticides and litter.

Urban runoff pollution contaminates the ocean, closes beaches, harms aquatic life and increases the risk of inland flooding by clogging gutters and catch basins.

In Hermosa Beach, there are many miles of pipes that would take similar pollutants straight to the ocean. Each day many gallons of polluted urban runoff enter the ocean untreated, leaving toxic chemicals in our surf and tons of trash on our beaches.

This pamphlet has been put together to inform you how to prevent ocean pollution from "stormwater" or "urban runoff."

These Best Management Practices (BMPs) will help ensure a cleaner ocean and city.



Spill Response Agencies:

City of Hermosa Beach
Department of Public Works
(310) 318-0212

City of Hermosa Beach
Police Department
(310) 318-0317

Hermosa Beach Fire Department
(310) 376-2479



Recycling & Hazardous Waste Disposal:

City of Hermosa Beach
Department of Public Works
(310) 318-0212

Los Angeles County Sanitation District
(562) 699-7411
www.lacsod.org

To Report Illegal Dumping:

City of Hermosa Beach
Department of Public Works
(310) 318-0212

Los Angeles County
Department of Public Works
(888) CLEANLA

To Report a Clogged Catch Basin:

City of Hermosa Beach
Department of Public Works
(310) 318-0212

Los Angeles County
Department of Public Works
(626) 458-HELP

This brochure is one of a series of pamphlets regarding storm drain pollution prevention measures. Other pamphlets include:



Food Service Industry

Fresh Concrete & Mortar Application

General Construction & Site Supervision

Heavy Equipment & Earth-Moving Activities

Landscaping, Gardening & Pest Control

Home Repair & Remodeling Painting

Automotive Maintenance & Car Care



For more information about storm drain pollution prevention or additional brochures, call:

City of Hermosa Beach
Department of Public Works
(310) 318-0212
<http://hermosabch.org/>
or visit
www.888cleanla.com



April L. Harris and Associates
Brochure & Printing Staff December 19/20/00

Stormwater

Best Management Practices (BMPs)



Roadwork & Paving



Driveway/Sidewalk/Parking Lot/
Road Construction Crews
Seal Coat Contractors
Construction Inspectors
General Contractors
Operators of grading equipment,
paving machines, dump trucks and
cement mixers

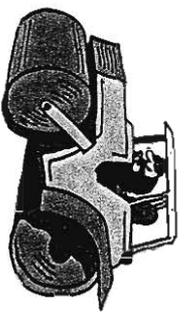
Roadwork & Paving Problems



Road paving, surfacing and pavement removal activities contribute to urban runoff pollution. This is because they take place right in the street, where urban runoff contamination can result from asphalt, saw-cut slurry or excavated material being washed into storm drains.

Rain or runoff then carries these toxic substances to the ocean through the storm drain system, posing a hazard to human and sea life.

Extra planning is required to store and dispose of materials properly and guard against stormwater and ocean pollution. This brochure tells you how.



Solutions

Best Management Practices (BMP) such as handling, storing and disposing of materials properly can prevent pollutants from entering the storm drains.

General Business Practices

- Keep materials out of the rain. Store them under cover, with temporary roofs or plastic sheets, protected from rainfall, runoff and the wind.
- Schedule excavation and grading work for dry weather.
- Develop and implement erosion and sediment control plans for embankments.
- Recycle used oil, concrete, broken asphalt, etc.

Equipment Maintenance

- Keep all vehicles and heavy equipment in good working order and inspect frequently for leaks.
- Conduct all vehicle/equipment maintenance and refueling at one location—away from storm drains.
- Perform major equipment/vehicle repairs and washing off site.
- Do not use diesel oil to lubricate equipment or parts.



Asphalt & Concrete Removal

- After breaking up paving, be sure to remove all chunks and pieces. Recycle them at a crushing company. Use the referral numbers listed below.
- Dispose of small amounts of dry concrete in the trash.
- Make sure broken pavement does not come in contact with rainfall or runoff.
- Shovel or vacuum saw-cut slurry and remove from the site. For disposal information contact the L.A. County Sanitation District at (562) 966-7411.
- Cover or barricade storm drain openings during saw-cutting.



Asphalt & Concrete Disposal Options

Use a crushing company like those listed below to recycle cement, asphalt and porcelain rather than taking them to a landfill.



- *** Dan Copp Crushing Inc.**
Anaheim
(714) 777-6400
- *** Hansen Aggregates**
South Gate
(800) 300-6120
- *** Alexander's**
Carson
(310) 835-0247
- *** RJ Noble**
Santa Ana
(714) 637-1550

During Construction

- Cover catch basins and maintenance holes when applying seal coat, slurry seal, fog seal, etc.
- Use check dams, ditches or berms to divert runoff around excavations.
- Never wash materials from exposed aggregate concrete, asphalt, or similar treatments into a street, gutter or storm drain. Collect and recycle, or legally dispose of.
- Collect and recycle excess abrasive gravel or sand. Call the Integrated Solid Waste Management Office to order a Construction and Demolition Waste Recycling Guide at (714) 449-7072.
- Avoid over-application by water trucks for dust control.

Spills

- Never hose down "dirty" pavement or surfaces. Clean up all spills and leaks using "dry" methods (with absorbent materials and/or rags), or dig up and remove contaminated soil. For disposal information call (562) 966-7411.
- Catch drips from paver with drip pans or absorbent material (cloth, rags, etc.) placed under machine when not in use.

