

## 5 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 excess materials from exposed aggregate concrete or similar treatments into a street, gutter or storm drain. Collect and recycle, or dispose to a dirt area.
- Collect and recycle excess abrasive gravel or sand. Telephone the City of Long Beach's Integrated Resources Bureau (IRB) at (562) 570-2876 for more information.
- Avoid over-application by water trucks for dust control.

## 6 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 telephone the City of Long Beach's Integrated Resources Bureau (IRB) at (562) 570-2876.
- Catch drips from pavement with drip pans or absorbent material (cloth, rags, etc.) placed under machine when not in use.



## Spill Response Agencies

- To report a spill or release of hazardous material that actively threatens people or property call:  
**City of Long Beach - Fire Department**  
Dial 911
  - To report a spill or release of motor oil, paint, solvents, or fuel in immediate danger of entering storm drain system call:  
**City of Long Beach - Fire Department**  
Dial 911
- If not in immediate danger of entering storm drain system call:
- **City of Long Beach - Fire Department**  
(562) 436-8211
  - To report non-hazardous spills in sewer system call:  
**City of Long Beach - Water Department**  
(562) 570-2390

## Storm Drains & Public Streets

- To report clogged catch basins & drains call:  
**City of Long Beach - Water Department**  
(562) 570-2390
- To report sediment of mud in public street or alley call:  
**City of Long Beach - Department of Public Works**  
(562) 570-2700
- To report trash, leaves, branches, & grass clippings in the public street or alley call:  
**City of Long Beach - Department of Public Works**  
(562) 570-2876

## Unhealthful Discharges or Conditions

- To report discharges of food waste.
- To report discharges of sewage, greywater, dirtywater, RV waste, raw sewage, or pool & pond water.
- To report discharges of stagnant pool or pond water.
- To report discharges from apartment house dumpsters call:  
**City of Long Beach**  
**Department of Health & Human Services**  
**Bureau of Environmental Health**  
(562) 570-4129

## Illicit Discharges from Private Property

- To report discharges from dumpsters on private property.
- To report discharges from washing of roofs of single family dwellings.
- To report trash & debris on privately owned property.
- To report illegal mobile car wash businesses.
- To report illegal auto repair business on private property.
- To report Auto repair on the public street.
- To report discharges from construction sites call:  
**City of Long Beach**  
**Department of Planning & Building**  
(562) 570-6651

This brochure is one of a series of pamphlets describing storm drain protection measures. Other pamphlets include:

**Automotive Maintenance & Car Care**

**Food Service Industry**

**Fresh Concrete & Mortar Application**

**General Construction & Site Supervision**

**Heavy Equipment & Earth-Moving Activities**

**Horse Owners & Equine Industry**

**Home Repair & Remodeling**

**Landscaping, Gardening & Pest Control**

**Painting**

**Swimming Pool, Jacuzzi & Fountain Maintenance**

For additional brochures call:

**City of Long Beach**  
**Department of Planning & Building**  
(562) 570-6651

For more information about storm drain protection call:

**City of Long Beach**  
**Department of Public Works**  
**Bureau of Engineering**  
**Stormwater Management Division**  
(562) 570-6383



# 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

## Ocean Pollution Prevention: It's Up to Us

Long Beach has two drainage systems -- the sewers and the storm drains. The storm drain system was designed to prevent flooding by carrying excess rainwater away from city streets out to the ocean. Because the system contains no filters, it now serves the *unintended* function of carrying urban pollution straight to the ocean.

This pamphlet tells you how to prevent ocean pollution from "stormwater" or "urban runoff."

Rain, industrial and household water mixed with urban pollutants creates stormwater pollution. The pollutants include: oil and other automotive fluids, paint and construction debris, yard and pet wastes, pesticides and litter.

Urban runoff pollution flows to the ocean through the storm drain system -- 395 miles of pipes that take water and debris straight from Long Beach streets to the ocean. Each year millions of gallons of polluted urban runoff enter the ocean untreated, leaving toxic chemicals in our surf and over 4,300 tons of trash on our beaches.

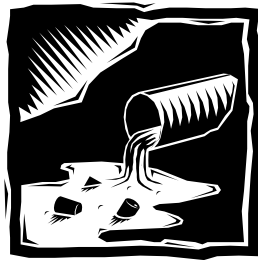
Urban runoff pollution contaminates the ocean, closes beaches, harms aquatic life and increases the risk of inland flooding by clogging gutters and catch basins. Overall, stormwater pollution prevention programs cost the City of Long Beach more than \$12.7 million per year.

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

## Roadwork & Paving Problems

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

Rain or runoff can carry 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 such as handling, storing and disposing of materials properly can prevent pollutants from entering the storm drains.



## 1 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.**



## 2 Equipment Maintenance

- **Maintain all vehicles and heavy equipment.** Inspect frequently for leaks.
- **Conduct all vehicle/equipment maintenance and refueling at one location** — away from storm drains.
- **Perform major equipment / vehicle repairs and washings off site.**
- **Do not use diesel oil to lubricate equipment or parts.**



## 3 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 telephone the City of Long Beach's Integrated Resources Bureau (IRB) at (562) 570-2876.
- Cover or barricade storm drain openings during saw-cutting.



## 4 Asphalt & Concrete Disposal Options

Use a **crushing company** to recycle cement, asphalt and porcelain rather than taking them to a landfill.

Check the yellow pages for companies that provide these services or telephone the City of Long Beach's Integrated Resources Bureau (IRB) at (562) 570-2876 for more information.

