

## BEST MANAGEMENT PRACTICES

### PROPERTY MAINTENANCE

Property maintenance activities are essential to a facility's aesthetic quality as well as the quality of storm runoff that enters our island waters. Areas exposed to rainfall generate storm water runoff that can carry dirt, oil, rubbish, and other contaminants into our streams and coastal waters.

Best Management Practices (BMPs) can be used to prevent polluted runoff from trash storage areas, chemical storage, paved areas, and landscaped areas. BMPs should also be used for special tasks, including swimming pool and water feature maintenance, pressure washing, painting, landscape maintenance, and other activities that could pollute storm water runoff.

Businesses and property owners are responsible for all work that may affect storm water quality whether that work is performed in-house or contracted out. Know the storm water BMPs for the operations conducted at your facility so you can do your part to protect Hawaii's waters for life.



VISIT THE WEBSITE:  
[www.CLEANWATERHONOLULU.com](http://www.CLEANWATERHONOLULU.com)

OR  
CALL THE  
ENVIRONMENTAL CONCERN LINE

# 768-3300



## E Mālama I Ka Wai Ola

Protect our waters...  
**FOR LIFE**

**The Law:** The Federal Clean Water Act gave the Environmental Protection Agency (EPA) the authority to implement water pollution control programs. Local statutes and ordinances address compliance and enforcement of the EPA's mandates.

**The Ordinance:** The revised Ordinances of Honolulu, Section 14-12-23(a) Environmental Quality Control-Violation states, "It shall be unlawful for any person to discharge or cause to be discharged any pollutant into any drainage facility which causes a pollution problem in state waters, or causes a violation of any provision of the City NPDES (National Pollutant Discharge Elimination System) permit or the water quality standards of the State of Hawaii".

Discharging pollutants to the storm drain system is against the law. Violations can result in fines of up to \$25,000 per violation, per day.

# STORM WATER BEST MANAGEMENT PRACTICES



## PROPERTY MAINTENANCE

HOTELS • CONDOMINIUMS • APARTMENTS • RETAIL SHOPS  
SHOPPING COMPLEXES • COMMERCIAL BUILDINGS



*City and County of Honolulu  
Department of Facility Maintenance*



## E Mālama I Ka Wai Ola

Protect our waters...  
**FOR LIFE**

## STORM WATER MANAGEMENT

### PROTECTING OUR WATERS

Storm water is drained from developed areas directly to our streams and ocean through a network of gutters, pipes, and channels known as the storm drain system.

Through this storm drain system thousands of gallons of storm water is routed to our streams and coastal waters where we, as well as our visitors, go to swim, surf, paddle, dive, fish, and view aquatic life.

One of the City's goals is to reduce storm water pollution but we need everyone's help.



### **FACILITY**

- Know the storm water flow pattern on your site
- Ensure that you have a Drain Connection License for any connection(s) to the City storm drain system
- Develop Best Management Practices (BMPs) for the operations at your facility to prevent storm water pollution
- Conduct regular facility inspections
- Maintain sidewalks and gutters adjacent to your property by regularly sweeping and disposing of accumulated dirt, trash, and debris
- Avoid ponding and slippery conditions due to accumulated water especially along sidewalks and gutter areas

### **FACILITY PERSONNEL**

- Provide regular training on the storm water BMPs at your facility
- Provide spill response, hazardous materials, and hazardous waste training
- Ensure employees can identify locations of storm drain inlets
- Ensure employees know who to contact when spills cannot be contained or controlled
- Ensure that any maintenance activities contracted out are in compliance with storm water regulations

### **STORAGE**

- Maintain clean and organized storage areas
- Display proper storage instructions
- Read product labels for use and disposal instructions
- Provide secondary containment for liquids
- Provide easily accessible spill kits

### **TRASH STORAGE**

- Keep dumpsters closed
- Avoid exposing dumpsters to rainfall
- Inspect dumpsters for leaks and repair if needed
- Prevent disposal of liquid wastes in dumpsters
- Use dry methods to clean dumpsters and dumpster storage areas
- Do not hose down dumpsters or dumpster storage areas

### **PAVED AREAS**

- Use dry methods to maintain paved areas; wash as a final step only when necessary
- Provide inlet protection when washing paved areas
- Direct wash water to landscape areas and allow water to percolate on site, if possible
- Collect wash water with mop or wet vacuum, and dispose collected wash water into the sanitary sewer system; however, parking lot wash water must be filtered through a petroleum-trapping filter before discharging it into the sanitary sewer system
- Discharge of parking lot wash water is prohibited from entering City streets and storm drains

### **LAWN CARE**

- Follow recommended usage instructions for fertilizers, herbicides, and pesticides
- Do not over apply fertilizers, pesticides, or herbicides
- Adjust sprinkler head to avoid over-watering and runoff
- Never apply landscaping chemicals just before it rains
- Do not blow or rake leaves into the street or storm drain

### **POOLS AND WATER FEATURES**

- Obtain City permit if draining pool water to storm drain
- Dechlorinate pool water if draining to storm drain
- Contact State and City agencies for information on draining water features to storm drain system or sanitary sewer system

### **PRESSURE WASHING AND PAINTING**

- Use dry methods to remove debris prior to pressure washing
- Perform pressure washing in designated areas where wash water containment can be set-up
- Use water only when cleaning exterior of building
- Provide inlet protection
- Use dry methods to prepare surface for painting
- Mix paint indoors or in contained area
- Use water based paints whenever possible
- Wipe paint out of brushes as much as possible
- Allow paint pails to dry completely before disposing
- Absorb excess oil-based paint with absorbent materials and dispose of as solid waste
- Recycle residual paints and solvents
- Have materials readily available for spills

### **HAZARDOUS MATERIALS & WASTE AND SPILL MANAGEMENT**

- Implement a hazardous response plan
- Inspect areas containing hazardous materials and hazardous waste regularly
- Store hazardous materials and hazardous waste indoors under lock and key
- Locate spill kits where easily accessible
- Report uncontrollable or uncontainable spills immediately to the Hawaii Department of Health, Hazard Evaluation and Emergency Response at (808) 586-4249, (808) 247-2191 (after hours) or call 911.

**For More Information:**  
 City's Environmental Concern Line at 768.3300  
 or Online at [www.cleanwaterhonolulu.com](http://www.cleanwaterhonolulu.com)

REPORT ANY SITUATION THAT MAY POLLUTE STORM DRAINS, WATERWAYS AND BEACHES

REPORT A CLOGGED STORM DRAIN OR CATCH BASIN

GET FACT SHEETS AND EDUCATIONAL MATERIALS

GET MORE INFORMATION ON VARIOUS STORM DRAIN PERMITS

SCHEDULE A PRESENTATION ON POLLUTED RUNOFF AND BMP'S OR A WALKTHROUGH ASSESSMENT OF YOUR FACILITY  
 VOLUNTEER TO CLEANUP A PORTION OF A STREAM, CITY BLOCK OR STENCIL STORM DRAINS WITH THE MESSAGE,

"DUMP NO WASTE, PROTECT OUR WATERS... FOR LIFE"