

Storm Water Runoff

Storm water runoff occurs when rainwater flows over the surface of the ground until it finds its way to the ocean through streams and the storm drain system. Along the way, storm water runoff can accumulate pollutants that eventually harm the ocean.



Why do we have storm drains?

The storm drain system helps to prevent flooding and erosion so your roads and businesses are safe.

Polluted Runoff: Why does it matter?

Polluted runoff is the greatest threat to Hawaii's surface and groundwater quality¹.

¹<http://hawaii.gov/health/environmental/water/cleanwater/prc/index.html#resources>

HDOT Highways has embarked on a proactive, comprehensive Storm Water Management Program (SWMP). This initiative is being taken to comply with our National Pollutant Discharge Elimination System (NPDES) Permit for the Oahu municipal separate storm sewer system (Oahu MS4).

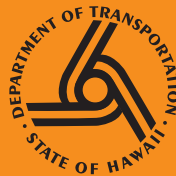


PROTECT OUR WATER

MĀLAMA I KA WAI
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

www.stormwaterhawaii.com

To report a violation, call the
Storm Water Hotline:
(808) 831-6714



State of Hawaii Department of Transportation
Highways Division - Oahu District
727 Kakoi Street, Honolulu, Hawaii 96819



PROTECT
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
**BEST MANAGEMENT
PRACTICES**
FOR
**STORM WATER
POLLUTION
PREVENTION**



***A Guide
for the
Restaurant and
Food Industry***

www.stormwaterhawaii.com

How does the restaurant industry cause pollution?

Both the United States Environmental Protection Agency (EPA) and State of Hawaii Department of Health (DOH) have identified restaurants as major sources of pollutants². Pollutants that originate from leaking trash bins, wash water, food scraps, grease, and used cooking oil can enter the storm drain system, where they are carried along with storm water flows. These flows are discharged untreated into our island waters - the same streams and ocean bays where we play, swim, and fish.

²http://cleanwaterhonolulu.com/storm/learning_center/FINAL_Restaurant%20BMP%20Guide.pdf

Any commercial, industrial, or construction business found discharging waste or waste water into the storm drain system may be subject to fines up to \$25,000.00 per day.



Illegal Discharge: Any non-permitted disposal into the storm drain system for which a person or business does not have a permit.

HDOT Discharge Permit Application:
http://stormwaterhawaii.com/program_plan/pdfs/app_d1_v2.pdf

What are Best Management Practices?

Best Management Practices, also known as BMPs, are structures or procedures that prevent or reduce the amount of potential pollutants from reaching our state waters.

Simple Ways to Prevent Pollution:

- Minimize waste and recycle when possible.
- Keep dumpster lids closed so that rainwater does not enter them.



- Place used oil receptacles under cover to avoid exposure to rain and provide secondary containment to capture any leaks.



- Obtain a spill kit and dispose of used absorption materials properly.
- Create a Spill Response Team and train employees regularly.
- Dry sweep or use absorbent materials when cleaning spills; do not spray or hose down spills into the storm drains.



- Cover products and stockpiled materials from the rain or store inside.
- Use phosphate-free detergent and less toxic cleaners.



- Pour wash water into a janitorial sink, not onto the parking lot, alley, or street.
- Recycle grease and oil; do not pour oil into drains or onto the street.
- Maintain and service oil/water separators and grease traps frequently. Grease Interceptors are permitted by the City and County of Honolulu. (For more information, please go to: www.honolulu.gov/env/rc)