



“Storm Drain Awareness” Fact Sheet University of Hawaii John A. Burns School of Medicine at Kaka’ako

The University of Hawaii, John A. Burns School of Medicine (JABSOM)/UHCC at Kaka’ako, currently has a National Pollutant Discharge Elimination System (NPDES) permit for Municipal Separate Storm Sewer Systems (MS4s). The overall purpose of this permit is to prevent pollution from entering campus storm drains.

ISSUE SUMMARY: Storm water (and other sources of wash water) enters campus storm drains via a transit across impervious surfaces (e.g. roads, sidewalks, parking lots). During the transit, water “picks up” pollutants. Since any water that goes into campus storm drains is untreated – and eventually flows to the ocean – the University is required by the Department of Health to eliminate (to the “best extent practicable”) pollution via implementation of Best Management Practices (BMPs).

RESPONSIBILITIES: The table below presents the main pollutant types (and associated BMPs) that will likely be encountered by JABSOM Custodial and Landscaping Contractors. To ensure permit compliance, staff members are responsible for adhering to the BMPs at all times.

Examples of Common Pollution Sources & Associated Best Management Practices

Pollutant	Best Management Practices (BMP)
Debris (e.g. Trash, Leaves, Branches, etc.)	<ul style="list-style-type: none"> • Clean roads and sidewalks • Containerize all trash • Keep trash compactor door closed and dumpster lids down at all times • Repair trash compactor and dumpsters as necessary
Oil & Other Mechanical Fluids	<ul style="list-style-type: none"> • Ensure vehicles/equipment are properly operating • Use absorbents/drip pans for outdoor equipment that may drip while in storage (long- or short-term) • Use absorbents/drip pans for indoor equipment that may leak fluids into nearby storm drains • Rinse cars/equipment in designated, grassy landscaped areas
Sediment	<ul style="list-style-type: none"> • Install proper sediment and erosion control (e.g. silt fence, sand bags, etc)
Cleaning Water	<ul style="list-style-type: none"> • Dump into sinks (which are connected to the sanitary sewer) • Dump into grassy area (to avoid killing vegetation, rotate dumping areas and avoid bedded areas)
Water from Pressure	<ul style="list-style-type: none"> • Avoid all storm drains • Direct wash water to grassy areas
Chemicals (e.g. Solvents)	<ul style="list-style-type: none"> • Ensure hazardous materials are properly labeled, stored and disposed. • Follow Kaka’ako Hazardous Materials Management Program
Paint	<ul style="list-style-type: none"> • Never rinse contaminated equipment, e.g. used paint brushes, near storm drains
Spills	<ul style="list-style-type: none"> • Please notify JABSOM EHSO or Kaka’ako Security (DPS) of any spill occurrences, both minor and major spills, so that we can act quickly to prevent pollution from reaching the storm drain system.

Please contact Lisa Johns at 692-1855 or email ljohns@hawaii.edu if you have questions or wish to report any storm drain violations.