

“Storm Drain Awareness” Fact Sheet for University of Hawaii at Manoa Building & Grounds Staff

The University of Hawaii at Manoa 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 drains into the Manoa Stream – 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 below table presents the main pollutant types (and associated BMPs) that will likely be encountered by UH Manoa Custodial and Landscaping staff. 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 Practice (BMP)
Debris (e.g., Trash, Leaves, Branches, etc.)	<ul style="list-style-type: none"> • Clean roads and sidewalks • Containerize all trash • Keep dumpster lids down at all times • Continue repairing rusted dumpsters
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 area by Transportation Services
Sediment	<ul style="list-style-type: none"> • Install proper sediment and erosion control (e.g., silt fence, sand bag, etc.) • Ensure controls are functional during rain events
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 Washing	<ul style="list-style-type: none"> • Avoid all storm drains • Perform on or toward grassy areas
Chemicals (e.g., Solvents)	<ul style="list-style-type: none"> • Ensure hazardous materials are properly labeled, stored, and disposed • Follow UH Manoa Hazardous Materials Management Program
Paint	<ul style="list-style-type: none"> • Never rinse used paint brushes near storm drains • Report any observed occurrences

Please contact Stacie Cheramie, UH Environmental Compliance Officer, at 956-9173 or cheramie@hawaii.edu if you have any questions, concerns, or wish to report any storm drain violations.