### BMP B04: Preventative Maintenance

#### Pollutants of Concern:
- Oil & Grease
- Vehicle Fluids
- Equipment Fluids

#### Purpose:
To prevent or reduce the discharge of pollutants from shuttles, vehicles, or equipment from going into storm drains

#### Application:
Equipment, vehicle, and shuttle maintenance operations

#### Practices:
1. Conduct equipment and vehicle maintenance indoors whenever possible
2. Visually inspect shuttles, vehicles, equipment, or systems which may malfunction and cause spills, leaks, or other situations / conditions that could lead to contamination of storm water runoff
3. Promptly repair or replace defective equipment found during inspection and/or testing
4. Replace worn parts prior to failure
5. Keep spare parts for equipment that needs frequent repair
6. Train employees on proper spill response procedures in accordance with BMP A02.

#### Frequency & Maintenance:
1. Regularly inspect equipment, shuttles, and vehicles for leaks. Repair or replace leaking components as needed.
2. During regularly scheduled work activities involving equipment that could leak outside, inspect identified equipment and implement preventative maintenance as needed.
3. Maintain spill response material (e.g., spill kit) in a location that is easy to access and is known to personnel. Inspect spill kit provisions on a regular basis and replace as needed

#### Training:
Maintenance, shops, trades, and theater staff that perform outdoor work activities that could contribute pollutants to the campus storm water system must take the "Annual Shop & Studio Environmental Compliance & Hazard Awareness Training" which includes storm water pollution prevention; spill prevention, control, and cleanup; SDSs; and hazardous materials and waste management.

#### Additional Information:
- UC San Diego’s Storm Water Management Program: [http://stormwater.ucsd.edu](http://stormwater.ucsd.edu)
- Refer to BMP-B03 for Equipment, Vehicle, and Ship Maintenance
- Refer to BMP-A02 for spill prevention, control, and cleanup procedures.