Storm Water Management Program

Best Management Practices (BMP)

CSUF 12 – Utilities Maintenance

CSUF's storm water best management practices (BMP) apply to all facilities and activities at CSUF. This includes but is not limited to students, staff, administration, contractors, and visitors.

A. General

- Perform all excavation and construction required for maintenance in accordance with CSUF-5 BMPs for Small Construction Sites (less than one acre).
- Perform pavement repair in accordance with CSUF-11 Parking and Storage Areas Maintenance (Section C. Paving Repair).
- Perform all water and waste management in accordance with other applicable CSUF BMPs.

B. Water and Irrigation Systems Maintenance

- Employ procedures to reduce pollutants from discharges, such as soil erosion or washing of other materials that may be present in a building, on a street or sidewalk, etc. Planned discharges may include, fire hydrant testing, flushing water supply lines after new construction, flushing lines due to complaints of taste and odor, dewatering mains for maintenance work.
- Planned discharges can be applied to land as irrigation, discharge to the sanitary sewer with approval, or discharge to storm drain with measures in place to control sediment and trash.
- Unplanned discharges of potable water should be stopped as quickly as possible. Inspect flow path of water to identify erodible areas which may need to be repaired or protected and identify the potential for pollutants.

C. Sewer System Maintenance

- The sewer system must not be cross-connected with the storm drain system. Any such connections, if discovered, must be scheduled for immediate repair (termination and re-routing).
- Any unplanned sanitary sewer discharges must be immediately reported to Environmental Health & Safety (EHS) and any system break or other problem scheduled for immediate repair.

- Contain and divert any sewage spills, disinfectant and associated wash water away from storm drains. Remove spills with vacuum equipment and discharge to the sanitary sewer.

D. Storm System Maintenance

- The storm drain system will be maintained in order to prevent flooding conditions; and to minimize the discharge of storm water contaminants.
- Storm drain inlets will be periodically inspected to identify clogged, obstructed or damaged drains; and to ensure that storm drain markings are maintained in readable condition. Needed repairs or actions will be entered into Facilities Management Service Center work order system.
- Changes to the physical configuration of subsurface portions of the storm drain system (at minimum, addition or removal of inlets and conveyance lines) will be documented and provided to the Facilities Operations GEOSYS for the purposes of updating infrastructure maps.
- Advanced and low-impact development storm water management features, including but not limited to bioswales, bioinfiltration areas and detention/infiltration areas will be periodically inspected, maintained and as needed repaired 1) in accordance with any post-construction documentation and 2) in order to preserve their functionality in accordance with their design basis. Records of inspection and maintenance will be maintained by the responsible maintenance group.
- As advanced and low-impact development storm water management features represent Permit-required post-construction conditions, alterations may not be made to these features without the approval of the EHS office. (This does not include repairs to restore designed functionality.)