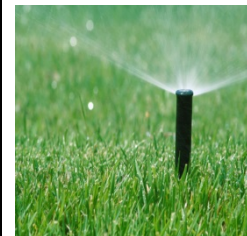


Landscape Maintenance



Pollutants of Concern:

- | | |
|--|--|
| <ul style="list-style-type: none"> • Trash & Debris • Metals • Bacteria • Total Residual Chlorine • Nutrients | <ul style="list-style-type: none"> • Sediment • Fertilizers • Pesticides • Dry weather flows |
|--|--|

Purpose:	To prevent or reduce the discharge of pollutants and vegetation from landscaped areas from going into storm drains.
Application:	All areas where landscaping activities occur on the Mission Bay Campus.
Practices:	<ol style="list-style-type: none"> 1. Monitor irrigation system to prevent non-storm water discharges. DO NOT over-irrigate. Reduce run times to prevent runoff if needed. 2. Include design featuring flow reducers or shutoff valves triggered by a pressure drop to control water loss in the event of broken sprinkler heads or lines. 3. Repair leaks in the irrigation system as soon as they are reported and correct within 72 hours. 4. Employ rain-triggered shutoff devices to prevent irrigation after precipitation. 5. Use erosion control measures on exposed soils such as: hydraulic, straw, or wood mulch; hydro seeding; soil binders; and rolled erosion control products. 6. Berm and cover stockpiled materials (e.g., dirt from trenching activities). Place stockpiled material away from storm water conveyance system inlets. 7. Performing mowing at optimal times. Mowing should not be performed if significant rain events are predicted. 8. DO NOT dispose of collected vegetation into the storm water conveyance system. 9. Material safety data sheets (MSDS) are to be followed for details regarding labeling, storage, handling, disposal, and cleanup of fertilizers and pesticides. 10. DO NOT apply fertilizers or pesticides prior to expected rain or in high winds and minimize off-target application (overspray). 11. Use nontoxic pesticides when possible. Avoid using copper-based pesticides. 12. Use hand or mechanical weeding methods where practical.
Frequency & Maintenance:	<ol style="list-style-type: none"> 1. Inspect and clean out storm water conveyance system before the start of the wet season (October 1st). Document inspections and resultant activities. 2. Monitor irrigation system at least once during the dry season (May – September) for discharges into the storm water conveyance system. Adjust irrigation system as needed. Document inspection. 3. Monitor areas prone to erosion at least once during the wet season and mitigate as necessary. Document inspection. 4. Regularly inspect landscaping equipment for leaks and repair as needed.
Training:	Facilities Services receives annual safety training which includes spill response procedures. UCSF staff who are located at the Mission Bay Campus and whose job duties may impact storm water are trained by EH&S in storm water pollution prevention and spill prevention, control, and cleanup.
Additional Information:	UC San Francisco's Storm Water Management Program: http://ehs.ucsf.edu/storm-water-management