Waste Handling and Disposal SOP-33.0

Description of SOP:

Improper storage and handling of solid wastes can allow toxic compounds, oil and greases, heavy metals, nutrients, suspended solids, and other pollutants to enter stormwater runoff.

Purpose of SOP:

The following procedures are for the use of waste handling and disposal to reduce the discharges of pollutants to the stormwater and Arroyo Colorado.

Suggested Protocols:

General

- Cover storage containers with leak proof lids or some other means. If waste is not in containers, cover all waste piles with plastic tarps and prevent stormwater runoff with a berm. Waste containers and piles must be covered except when in use
- Use drip pans or absorbent materials whenever grease containers are emptied by vacuum trucks or other means. Grease cannot be left on the ground. Collected grease must be properly disposed of as garbage.
- Check storage containers weekly for leaks and to ensure lids are on tightly. Replace any that are leaking, corroded, or otherwise deteriorating
- Sweep and clean the storage area regularly. If it is paved, do not hose down the area to a storm drain
- Transfer waste from damaged containers into safe containers
- Dispose of rinse and wash water from cleaning waste containers into a sanitary sewer if allowed by the local sewer authority. Do not discharge wash water to the street or storm drain.
- Take special care when loading or unloading waste to minimize losses.

Controlling Litter

- Post “No Littering” signs
- Provide sufficient number of litter receptacles for the facility
- Clean out and cover litter receptacles frequently to prevent spillage

Waste Collection

- Keep waste collection areas clean
- Inspect solid waste containers for structural damage or leaks regularly. Repair or replace damage containers as necessary
- Secure solid waste containers; containers must be closed tightly when not in use
- Place waste containers under cover if possible
- Do not fill waste containers with washout water or any other liquid

- Ensure that only appropriate solid wastes are added to the solid waste container. Certain wastes such as hazardous wastes may not be disposed of in solid waste containers
- Do not mix waste; this can cause a chemical reaction, make recycling impossible, and complicate disposal

Good Housekeeping

- Use all of the product before disposing if the container
- Keep the waste management area clean at all times by sweeping and cleaning spills immediately
- Use dry methods when possible (e.g. sweeping, using absorbents) when cleaning around dumpster areas. If water must be used after sweeping, using absorbents, collect water and discharge through grease interceptors or sanitary sewer drains.
- Stencil storm drains on the facility property with prohibitive message regarding waste disposal

Chemical/Hazardous Waste

- Select designated hazardous waste collection area on-site
- Store hazardous materials and wastes in covered containers protected from vandalism, and compliance with fire and hazardous waste codes
- Place hazardous waste containers in secondary containment
- Make sure that hazardous waste is collected, removed, and disposed of only at authorized disposal areas.

Run on/Runoff Prevention

- Prevent stormwater run on from entering the waste management area by enclosing the area or building a berm around the area
- Prevent the waste materials from directly contacting rain
- Cover waste piles with temporary covering materials such as reinforced tarpaulin, polyethylene, polyurethane, polypropylene or hypalon.
- Cover the area with a permanent roof if feasible.
- Cover dumpsters to prevent rain from washing waste out of holes or cracks in the bottom of the dumpster
- Move the activity indoor after ensuring all safety concerns such as fire hazard and ventilation are addressed.

Training:

- Train crews in proper use of pollution prevention measures and proper disposal methods
- Train employees in proper hazardous waste management
- All employees shall understand stormwater discharge prohibitions, wastewater discharge requirements, and the best management practices (BMPs).
- A training log/sign-in sheet will be used to document training
- Employees will be familiar with the sites spill control plan and/or proper spill cleanup procedures

Spill Response and Prevention:

- Refer to SOP 11.0 Spill Prevention, Control, and Cleanup
- Have spill cleanup materials readily available and in a known location
- Clean up spills immediately and use dry methods (absorbents)
- Properly dispose of spill cleanup material (absorbents)
- Collected waste shall be disposed of properly