

Appendix C

BMP Selection Process

The purpose of this appendix is to illustrate the process of selecting BMPs for an example fixed facility. Information necessary for this process includes use of the results from the inventory (Appendix A) and assessment (Appendix B) processes.

The BMPs listed in the example checklist below are the required measures to control the discharge of pollutants to the stormwater drainage system for the activities identified during the assessment process (Appendix B). The BMPs listed include both those that were currently being implemented at the site as well as recommended BMPs based on the facility assessment. The BMP fact sheets presented in Section 3 should be used to identify recommended BMPs for municipal operations, however, note that not all BMPs listed in the fact sheets may be applicable to a given facility. You are encouraged to employ additional BMPs if they will control pollutants in an effective manner.

Facility Name:____ County Yard____ Site Address: __1200 Pine Rd., Anaheim
Contact Name:____ Ron Jones____ Phone: __ (111) 222-3333____

APPLICABLE BMPs

A. VEHICLE AND EQUIPMENT FUELING (Fact Sheet SC-3)

Current

- Employees trained in proper fueling and cleanup procedures.
- “Shut-off” valves installed on nozzles.
- “Topping off” of fuel tanks is discouraged.
- Adsorbent materials used on spills as opposed to hosing down.
- Drains labeled within the facility boundary, by stencil to indicate whether they flow to an oil/water separator, directly to the sewer, or to a storm drain.
- Fueling area designed to prevent storm water runoff and spills.
- Fueling area covered with an overhanging roof structure.

Recommended

- Spot clean" leaks and drips routinely. Leaks are not cleaned up until the absorbent is picked up and disposed of properly.
- Install covered spill kits next to fueling area.

B. VEHICLE AND EQUIPMENT WASHING/STEAM CLEANING (Fact Sheet SC-4)

Current

- Vehicles and equipment are washed at an off-site commercial washing location whenever possible.
- On-site washing area is clearly marked as a wash area.
- Signs are posted stating that only washing is allowed in wash area and that discharges to the storm drain are prohibited.
- Trash containers are provided in wash area.
- A map of on-site storm drain locations exists to avoid discharges to the storm drain system.

Recommended

- Use biodegradable, phosphate-free detergents for washing vehicles as appropriate.
- Consider washing vehicle equipment inside the building to control the targeted constituents by directing them to the sanitary sewer.

C. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR (Fact Sheet SC-5)

Current

- Idle equipment is stored under cover.
- Drip pans are used for leaking vehicle/equipment.
- Vehicle maintenance area is designed to prevent storm water pollution (area contains berming and appropriate drainage routing).
- Signs are painted on storm drain inlets to indicate that they are not to receive liquid or solid wastes.
- The work area is covered to limit exposure to the rain.

Recommended

- Avoid hosing down your work areas; use dry sweeping.
- Post signs at sinks to remind employees not to pour hazardous wastes down drains.
- Clean yard storm drain inlets(s) regularly and especially after large storms.

D. OUTDOOR LOADING/UNLOADING OF MATERIALS (Fact Sheet SC-6) N/A

E. OUTDOOR CONTAINER STORAGE OF LIQUIDS (Fact Sheet SC-7) N/A

F. OUTDOOR PROCESS EQUIPMENT OPERATIONS AND MAINTENANCE (Fact Sheet SC-8) N/A

G. OUTDOOR STORAGE OF RAW MATERIALS (Fact Sheet SC-9)

Current

- Materials are stored inside when feasible.
- All outside storage areas are covered with a roof or enclosed to prevent stormwater contact.
- Outdoor storage containers are kept in good condition.
- Lids are secured on waste barrels and containers.
- Drums are stored in a secure area where unauthorized persons cannot gain access.

Recommended

- All materials stored outside should have some type of secondary containment system in case of spills or leaks.

H. WASTE HANDLING AND DISPOSAL (Fact Sheet SC-10) N/A

I. BUILDING AND GROUNDS MAINTENANCE (Fact Sheet SC-11) N/A

J. PARKING/STORAGE AREA MAINTENANCE (Fact Sheet SC-12)

Current

- Parking and storage areas are kept clean and orderly.
- Site is designed to allow sheet runoff to flow into biofilters (vegetated strip and swale) and/or infiltration devices.
- Rooftop drains are arranged to prevent drainage directly onto paved surfaces. Lot is designed to include semi-permeable hardscape.

Recommended

- Remove debris in a timely fashion.
- Utilize sand filters or oleophilic collectors for oily waste in low concentrations.

K. OVER WATER ACTIVITIES N/A

L. OTHER (describe):

