

# Commercial and Industrial Facilities

When precipitation or potable water flows across asphalt, concrete or other outdoor surfaces, it picks up waste pollutants, and carries them to gutters, streets and storm drain inlets. These storm drains flow directly to our streams and lakes without treatment, creating conditions that inhibit the health of our waters for fishing, swimming, recreation, and the source water for human consumption. In addition, debris and other polluting substances can accumulate and clog our storm sewers, which cause backups and localized flooding.

Incorporating Proper Environmental Practices (PEPs) is an essential and proactive method of stormwater pollution prevention. Facility owners are encouraged and expected to understand, practice and educate their employees on the importance of stormwater pollution prevention. The following PEPs should be practiced and enforced in everyday operations:

### Spills & Leaks

- Use careful collection practices to keep outdoor areas free from spills and leaks.
- Keep spill kits and other absorbent materials available for cleaning up.
- Sweep and inspect parking lots regularly and spot clean when necessary.
- Protect storm drains by incorporating the use of vacuum booms/berms, portable containment products, weighted storm drain covers and absorbent materials to collect and protect.
- Conduct regular maintenance of sand/oil interceptors to prevent a sanitary sewer overflow from reaching the environment and storm sewer.
- If a spill occurs, control, contain and clean up immediately using dry cleanup practices. Clean up and dispose of dirty absorbent properly. If a spill reaches the storm drain system, notify the municipality where you are working.

### Outdoor Material Storage & Handling

- Cover, secure and provide secondary containment for materials and containers stored outside.
- Take precautions and protect storm drains, if present, when handling bulk liquid deliveries and during loading and unloading by covering down-gradient storm drain inlets.
- Contain and cover waste and material stockpiles.
- Protect storm drains from potential runoff during maintenance work or construction projects.
- Keep all drain valves in liquid bulk containers and secondary containment vessels locked in the closed position.

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## Dumpsters and Outdoor Waste Receptacles

- Regularly pick up litter and sweep outdoor areas to keep them free from garbage, litter, dirt and debris.
- Make sure waste receptacles are kept closed unless adding or removing waste.
- Make sure waste containers do not overflow and are emptied regularly.
- Do not place liquids or liquid-containing waste in an outdoor waste receptacle.
- Do not wash out waste receptacles outdoors unless wastewater is collected and discharged to an indoor sanitary sewer drain.

## Outdoor Washing, Rinsing, Collection & Disposal

- Prior to washing, locate and protect all down-gradient storm drains.
- Avoid using cleaning products that contain hazardous substances (e.g., hydrofluoric acid, muriatic acid, sodium hydroxide, bleach, etc.) that can turn wastewater into hazardous waste.
- Collect wastewater from power washing activities. If using a contracted service provider, make sure they are collecting and disposing of wastewater in accordance with both State and local regulation. (*Visit <http://www.ColoradoWaterPermits.com> for State Guidance on wastewater from Power Washing*).
- Incorporate the use of vacuum pumps, booms/berms, holding tanks, portable sump pumps; hoses, portable containment areas, weighted storm drain covers, and absorbent pads to contain and collect wash water and protect storm drains.
- Only wash vehicles and equipment inside in wash bays or over inside drains that connect to a sanitary sewer.
- Limit the use of potable water when rinsing dust off vehicles, and direct it to vegetation within your property where it can be used.
- Limit the application of sand/salt, deicer, fertilizer, and pesticides, and always follow the instructions on the label.
- Dispose of wastewater from pools, hot tubs, fire suppression, HVAC or boiler cleaning water, to a sanitary sewer drain, or in accordance with state guidelines and permits.

Questions? Contact:



City of Englewood Customer  
Service  
303-762-2635



Littleton/Englewood Wastewater  
Treatment Plant- Industrial  
Pretreatment Division 303-762-2600



City of Littleton  
Engineering & Utilities  
303-795-3865