

STORMWATER POLLUTION CONTROL FOR INDUSTRIAL FACILITIES



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TRAINING

The purpose of stormwater training is to teach personnel about stormwater management, potential sources of contaminants, and Best Management Practices (BMP's). Training should provide all personnel with a thorough understanding of Stormwater Pollution Prevention, to include BMP's, practices for preventing discharge and procedures for responding quickly and properly .

RECORD KEEPING

Keeping records of spills, leaks, and other discharges can help a facility run more efficiently.

Typical items that should be recorded include layout of the facility, drainage pattern, routine inspections, reported spills, leaks or other discharges.



**If it's on the ground
it's in your water**

What is Stormwater?

Storm water includes all forms of precipitation (rain, snow hail, etc.). Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Why is stormwater a problem?

Stormwater carries debris, chemicals, dirt, and other pollutants that flow into storm sewer systems or directly into streams, rivers and lakes!

In 1972 Congress passed the Clean Water Act (CWA) in an attempt to eliminate pollution from the nation's waters (streams, rivers, lakes, etc.) To monitor discharges into the waters, industries had to apply for a National Pollutant Discharge Elimination System (NPDES) Permit. The NPDES Permit requires industries to follow rules, regulations, and standards for controlling pollution in their discharge.

It is important for personnel to know that the discharge of pollutants from work areas, either directly or indirectly, into the storm drain, or into surrounding water bodies, is prohibited by state and federal law.

BEST MANAGEMENT PRACTICES

BMP's are guidelines that are designed to help protect water quality.

BMP's are divided into two categories:

Structural



Non-structural



The following are recommended to control storm water pollution from industrial sites.

WORK SITE BMP's

1. Locate storm drains on site. If there is a potential for a spill, protect the storm drain.
2. Perform automotive projects in a controlled area.
3. Dry sweep areas instead of hosing.
4. **NEVER** pour anything down storm drains.
5. Do not store materials near storm drains.

PREVENTING SPILLS AND LEAKS

1. Keep spill kit with absorbent materials on site.
2. Always use a drip pan.
3. Empty drip pans into labeled, sealed containers, before they are full.
4. Maintain regular inspection and repair for all equipment.
5. Transfer used fluids to a designated waste storage area as soon as possible.



GOOD HOUSEKEEPING AND STORAGE

1. Materials such as vehicle parts, fuels, solvents, batteries and oils should be stored off the ground and in areas where they will not be exposed to rain water.
2. Use secondary containment where spills are likely to occur.
3. Keep storage containers labeled and tightly closed.
4. Keep work areas neat and organized.
5. Perform periodic inspection of site.
6. Maintain your Storm Water Pollution Prevention Plan (SWPPP).

