Industrial & Commercial Facility Inspections
NPDES Stormwater Training
Mitigating Water Quality Impacts from Industrial Commercial Sites

Training provided to municipal staff involved in industrial and commercial facility inspections and compliance activities focuses on the following:

1. Regulatory framework and the Municipal Storm Sewer System (MS4) Permit requirements
2. Impacts that runoff from industrial and commercial facilities can have on receiving waters
3. General categories of constituents of concern associated with industrial commercial facilities
    a. Bacteria
    b. Nutrients
    c. Oil & Grease
    d. Pathogens
    e. Pesticides
    f. Sediment
    g. Trash
4. Best Management Practices (BMPs) that should be implemented to ensure the pollutants of concern are addressed
    a. Erosion Control
    b. Sediment Control
    c. Source Control
    d. Spill Control
    e. Structural Control
    f. Treatment Control

Core messages are provided below to highlight the key concepts and responsibilities that staff should understand to support effective implementation of MS4 permit requirements.

Message I: Industrial facilities with outdoor industrial activities exposed to stormwater may require permit coverage and must prevent unauthorized non-stormwater discharges.

Message II: BMPs such as covering materials and protecting loading and unloading areas help minimize pollutant exposure to stormwater.

Message III: Facilities should maintain inspection records, training records, and other compliance documentation to demonstrate stormwater compliance.

Message IV: Wash water entering a storm drain is considered an illicit discharge and is prohibited unless specifically authorized.

Message V: Stormwater Pollution Prevention Plan (SWPPP) identifies potential pollutant sources, describes the BMPs used to prevent stormwater pollution, and documents procedures necessary to support permit compliance.

Message VI: Proper materials management and waste management practices, including covered storage, spill prevention, and proper waste disposal, help minimize pollutant exposure to stormwater and support permit compliance.