

**IOWA DEPARTMENT OF NATURAL RESOURCES  
PHASE 2 STORM WATER PERMIT REQUIREMENTS**

The Permit issued to the City of West Des Moines requires that the City develop and maintain the following programs:

- Public Education and Outreach – Develop informational brochures to distribute to all of the residents and businesses that provide information related to storm water impacts on water quality and measures that can be implemented to reduce water quality degradation from storm water. A new brochure is to be developed and distributed every two years.
- Develop and adopt an Illicit Discharge Prohibition Ordinance that prohibits anything other than storm water from being discharged to receiving waters.
- Develop an Illicit Discharge and Elimination Program to identify and eliminate all illicit discharges. The program must include annual inspection of dry weather outfalls which discharge to water bodies, procedures to identify the sources of the dry weather flows, and procedures for disconnecting illicit connections. Records are to be maintained of the inspections performed, the results of the inspections, and measures taken to identify and, when appropriate, eliminate the sources of dry weather flows.
- Develop and maintain a current storm sewer and drainage map that reflects all public drainage outlets, culverts, and drainage ways.
- Develop a Construction Site Runoff Control Ordinance that requires proper soil erosion and sediment control from construction activities on public and/or private property.
- Develop a Construction Site Review and Inspection Program which includes periodic inspection of private construction sites.
- Develop and adopt a Post-Construction Site Runoff Control Policy Ordinance which addresses the control of runoff from building activities after construction has been completed.
- Establish procedures and acceptance criteria for review of post-construction runoff controls for construction sites.
- Develop a program for inspection of runoff control devices and structures.
- Develop a watershed assessment program and comprehensive land use plan which outlines measures to be implemented to reduce flooding, reduce erosion in ditches

and streams, improve water quality, and reduce degradation of habitat for fish and wildlife.

- Develop a program for inspecting, maintaining, and cleaning the public storm water drainage systems and culverts.
- Develop a pesticide and fertilizer management program to reduce pollutant discharge associated with storage, application, and disposal of pesticides and fertilizers from municipal operations.
- Develop a program for training municipal employees regarding practices to reduce pollutants in storm water.
- Develop and implement Best Management Practices at City facilities to reduce pollutants in storm water from these facilities.
- On construction projects that are owned or operated by the City, develop a construction site inspection program that requires inspections at least every 7 days and within 2 business days of a 0.5 inch or greater rainfall event.
- Prepare an annual report for the Iowa Department of Natural Resources summarizing activities undertaken during the year regarding compliance with the permit.