

General Requirements for All Construction Sites

Responsible Entity

The owner of a site of construction activity is responsible for compliance with the requirements of this Ordinance.

Waste Disposal

Solid waste, industrial waste, yard waste and any other pollutants or waste on any construction site must be controlled. Waste or recycling containers must be provided and maintained by the owner or contractor on construction sites where there is the potential for release of waste. Uncontained waste that may blow, wash or otherwise be released from the site is prohibited.

Ready-Mixed Concrete

Ready-mixed concrete, or any materials resulting from the cleaning of vehicles or equipment containing or used in transporting or applying ready-mixed concrete, must be contained on construction sites for proper disposal. Release of these materials is prohibited.

Erosion and Sediment Control

Best management practices must be implemented to prevent the release of sediment from construction sites. Disturbed areas must be minimized, disturbed soil must be managed and construction site entrances must be managed to prevent sediment tracking. Excessive sediment tracked onto public streets must be removed immediately.

Grading and Drainage Permit Requirements

Class 1 Grading and Drainage Permit

Any construction that will include the addition of an impervious surface area (i.e., streets, roof, patio or parking area or any combination thereof) greater than 500 square feet and less than 10,000 square feet requires a Class 1 Grading and Drainage Permit.

Class 2 Grading and Drainage Permit

A Class 2 construction will include the addition of an impervious surface area greater than or equal to 10,000 square feet and less than one acre (43,560 square feet).

Any land disturbing activity (i.e., clearing, grading, stripping, excavation, fill, or any combination thereof) that will affect an area greater than or equal to 10,000 square feet and less than one acre (43,560 square feet).

Any land disturbing activity that will exceed 100 cubic yards, but does not otherwise require a Class 3 Grading and Drainage Permit.

Any land disturbing activity on areas where the slopes exceed 7 percent (7%), but does not otherwise require a Class 3 Grading and Drainage Permit.

Class 3 Grading and Drainage Permit

Any construction that meets one of the following thresholds shall require a Class 3 Grading and Drainage Permit:

Any construction that will include the addition of an impervious surface area greater than one acre (43,560 square feet).

Any land disturbing activity (i.e., clearing, grading, stripping, excavation, fill, or any combination thereof) that will affect an area greater than one acre (43,560 square feet).

City of Rock Island

STORM WATER CONTROL PROGRAM



***Public Works Department
1309 Mill Street
Rock Island, IL 61201***

Phone: 309-732-2200

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www.rigov.org

Many people think that storm water is harmless and relatively pollution free. They are surprised to learn how much pollution is carried into rivers and lakes during a rainstorm. For example:

Suspended Solids

Storm water carries more than **double** the concentration of suspended solids allowed in the discharges from the Rock Island sewage treatment plants. The primary source of suspended solids in storm water is silt.

Metals

The lead concentration in storm water is **100 times greater** and the zinc concentration is **600 times higher** than what is allowed in the sewage treatment plant discharges. Even more startling, these metal concentrations are too high to be discharged **into** the sanitary sewer system.

Fecal Coliform

Fecal coliform is an indicator bacteria for the presence of human and animal waste. During the Mississippi River boating season, the discharge from the Rock Island sewage treatment plant is chlorinated to keep fecal coliform concentrations below 400 colonies per 100 milliliters. During rainstorms, the fecal coliform concentration in storm water runoff approached 15,000 colonies per 100 milliliters.

Rock Island and hundreds of other municipalities were recently required to begin addressing these storm water pollution issues by complying with new federal storm water management regulations commonly known as "Storm Water Phase II". The regulations are intended to protect precious water resources such as Lake Potter in Sunset Park (shown on the front of this brochure) from further storm water pollution.



The adoption of a comprehensive storm water management ordinance is one of the pivotal requirements for Storm Water Phase II. The Rock Island **Storm Water Control Ordinance** was adopted by the City Council on March 22, 2004.

The complete text of the ordinance is available on the City website at www.rigov.org or by contacting the Public Works Department at 732-2200. The ordinance contains an enormous amount of information and all but the most devoted readers are likely to lose interest and patience before finishing all 25,000 words. The following "executive summary" draws attention to some critical aspects that could affect you and your property.

You cannot change the path of surface water drainage or obstruct any watercourse without a Grading and Drainage Permit issued by the City.

Only uncontaminated storm water is allowed to flow in the storm drainage system. There are a few exceptions that might apply to your property including landscape irrigation water, water from foundation drains, air conditioning condensate, and water from individual car washing on residentially zoned property.

If an open drainage channel passes through your property, you must keep it free of trash, debris, excessive vegetation and other obstacles that would pollute, contaminate or retard the flow of water. In addition, you must maintain the channel to prevent or reduce the discharge of pollutants. This maintenance shall include sediment removal, bank erosion repairs, maintenance of vegetative cover and removal of debris from pipes and structures.

Pet waste must be disposed of as solid waste or sanitary sewage in a timely manner, to prevent discharge to the storm drainage system.

The **Storm Water Control Ordinance** imposes new requirements on land developers to minimize the negative impacts of new construction on downstream property owners. Construction site runoff will have to be controlled so that neighbors do not have to deal with silt problems such the one shown in this picture.

Developers may also have to install on-site storm water control facilities so that storm water runoff from completed developments does not exceed the pre-development runoff. Storm water control facilities such as detention basins, rain gardens and bio-swales will become common in Rock Island in the coming years.



If you have any questions about any of this information or other activities of the Public Works Department, please visit the City website (www.rigov.org) or contact us at....

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