

## What is Stormwater Runoff?

Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, parking lots and streets prevent stormwater from naturally soaking into the ground. This increases the volume of water discharged which can cause flooding as well as increasing pollutants in our surface waters.



### Cannon River

Runoff collected by catch basins in our City streets discharges to the Cannon and Straight Rivers. Pollutants such as sand, gravel, leaves, grass clippings, and garbage discharges directly into rivers and lakes without treatment.



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Stormwater pollution prevention begins with you!

## Stormwater Quality

### Post-Construction Stormwater Management in New Development and Redevelopment



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## Post-Construction Stormwater Management

With the acceptance of the City of Faribault as a regulated stormwater discharger, it is required by the state and federal governments to develop and implement a Stormwater Pollution Prevention Program (SWPPP). The Program is designed to reduce stormwater pollution to the maximum extent practicable over the next five years.

One of the ways to accomplish this goal is through the promotion of Post-Construction Stormwater Management in New Development and Redevelopment. The best way to mitigate stormwater impacts from new developments is to use practices to treat, store, and infiltrate runoff onsite before it can affect water bodies downstream.



**Drainway**

Original drainway had severe erosion problem. Gully formed was over six feet deep and about six feet wide caused by increased amount of runoff from City expansion. Retrofitted in 2005 to slow down runoff velocity and minimize erosion.



**Sediment Plume in City Pond**

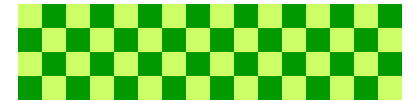
Annual inspections of City stormwater ponds reveal maintenance issues. Sediment plumes in ponds indicate possible erosion issues upstream. In this case the sediments are due to salting and sanding the roads over many years during winter operations. Sediments were cleaned out in Spring of 2007.

## City of Faribault's Post-Construction Stormwater Management Program

The City of Faribault's Post-Construction Stormwater Management Program will consist of many aspects including:

- Review of existing ordinances for adequacy. Evaluation and draft of new ordinance if needed.
- The City currently has a Surface Water Management Plan. Implementation of the Plan consists of retrofitting current developed areas to ensure the best possible water quality discharge from the City of Faribault's storm sewer systems and ensure new developments have proper permanent stormwater management.
- The Surface Water Management Plan also outlines strategies to implement structural and non-structural Best Management Practices (BMPs) like ponds, grit chambers, water quality manholes, street sweeping, etc.

- The City currently has and implements a long term operation and maintenance plan to make certain water quality structures are working according to design. This consists of inspections of the City storm sewer. Storm sewer structures are then rated according to structural integrity. Structures needing maintenance/ replacement or clean-out are put into the Work Order system and fixed accordingly.



For more information or questions on implementation timelines for Post-Construction Stormwater Management efforts see SWPPP or Surface Water Management Plan documents on the City Website @ [www.faribault.org](http://www.faribault.org), at City Hall or contact:

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