

Farmington City

Storm Water Management Program

Permit # UTR090006

Submitted to:

State of Utah

Department of Environmental Quality

Division of Water Quality

Submitted by:

Farmington City

160 S Main

Farmington, UT 84025

November, 2010

Purpose

Farmington City's Storm Water Management Program (SWMP) is intended to give direction to the City in satisfying Federal and State water quality requirements as set forth under the National Pollutant Discharge Elimination System (NPDES) and Utah Pollutant Discharge Elimination System (UPDES) permits. The purpose of the SWMP is to establish a program which will effectively limit the discharge of pollutants from the Farmington City storm drainage system to the maximum extent practicable (MEP).

In an effort to prevent harmful pollutants from being carried by storm water runoff into local water bodies, this program outlines the implementation of controls in specific areas. The six minimum control measures addressed under the UPDES permit are:

1. Public Education and Outreach on Storm Water Impacts
2. Public Involvement/Participation
3. Illicit Discharge Detection and Elimination (IDDE)
4. Construction Site Storm Water Runoff Control
5. Long-Term Storm Water Management in Development and Re-Development (Post-Construction Storm Water Management)
6. Pollution Prevention and Good Housekeeping for Municipal Operations

The SWMP includes the following information for each of the six minimum control measures:

- The Best Management Practices (BMPs) that the City will implement.
- The measurable goals for each of the BMPs.
- The persons/positions responsible for implementing or coordinating the BMPs.
- A rationale for how and why each of the BMPs and measurable goals for the program was selected.

Legal Authority

Federal

In 1972 Congress enacted the Clean Water Act (CWA). The primary purpose for this federal statute is to protect the nation's waters. The objective of the Act is the total elimination of the discharge of pollutants into the nation's waters. The NPDES is a provision of the CWA. This provision prohibits discharge of pollutants into waters of the United States unless a special permit is issued by the Environmental Protection Agency (EPA), a state, or another delegated agency. As authorized by the CWA, the NPDES permit program controls water pollution by regulating point sources that discharge into waters of the United States. Point sources are discreet conveyances such as pipes or man-made ditches.

Phase II of the NPDES permit program focuses on Small Municipal Separate Storm Sewer Systems (MS4s). The regulated entities must obtain coverage under an NPDES

storm water permit and implement a SWMP. The main objective of the program is to control point source pollution in urbanized areas to the maximum extent practicable.

State

The State Department of Environmental Quality (DEQ) administers the NPDES permit program in the State of Utah. The State has a General Permit. The DEQ issues UPDES permits under the State's General Permit.

County

Each of the 15 cities in Davis County files for separate permits. Although Farmington City has been issued a separate permit, the City works jointly with the Davis County Storm Water Coalition and Davis County to facilitate a program addressing the first three minimum control measures:

1. Public Education and Outreach on Storm Water Impacts
2. Public Involvement/Participation
3. Illicit Connection and Illicit Discharge Detection and Elimination

Components of the County's program include public education, mapping, and training among joint partners in the County.

City

Farmington is located in Davis County. The population of the community is estimated to be 15,000. The majority of the land use in the City is residential. There are some agricultural areas, and little commercial, although there is a large commercial development (approximately 60 acres) currently under construction.

Farmington City will implement management practices that will effectively limit the discharge of pollutants from the storm drainage system, protect water quality, and satisfy the appropriate water quality requirements of the *Utah Water Quality Act*. The City has established legal authority to control discharges to and from the storm drainage system through a combination of statute, ordinance, permit, contract or order.

Management and oversight of the Farmington City Storm Water Management Program is funded by the Farmington City Storm Water Utility. The Farmington City SWMP is coordinated by the Storm Water Official.

SWMP Review and Modification

Farmington City will participate in an annual review of the SWMP. In conjunction with that review, an annual report will be prepared and submitted to the State. Any changes or modifications will be described and submitted. This review will include the following:

- A status review of the program implementation and compliance with the schedule of compliance contained in the SWMP
- A review of any revision or change of BMPs in the reporting year and assessment of the change or revision for effectiveness
- An overall assessment of the goals and direction of the SWMP and effectiveness of BMPs

An annual report will be submitted using the report form provided on the Division of Water Quality's (Division) website.

The SWMP may be modified in compliance with the following:

- Changes adding (but not subtracting) components, controls, or requirements to the SWMP may be made at any time upon written notification to the Division.
- Changes replacing an ineffective or unfeasible BMP specifically identified in the SWMP with an alternate BMP may be adopted at any time, provide the analysis is clearly outlined and subsequently approved by the Division. An analysis shall include:
 1. An explanation of why the BMP is ineffective or infeasible.
 2. Expectations or report on the effectiveness of the replacement BMP.
 3. An analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced, or has achieved those goals.
- Change requests or notification must be made in writing and signed as required.