

THE VILLAGE OF
COUNTRY CLUB, MO

MUNICIPAL SEPARATE
STORM SEWER SYSTEMS
(MS4)

STORMWATER MANAGEMENT
PLAN

2013

PERMIT #MO-R040080

RECEIVED

JUL 3 2013

WATER PROTECTION PROGRAM

VILLAGE OF COUNTRY CLUB

6601 North Belt Hwy.
Country Club, MO. 64506

Phone: 816-232-4621
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villageofcountryclubmo.org

Ruth Wallace
MDNR/ Water Prot. Program
Water Pollution Branch
PO Box 176
Jefferson City, MO 65102

RECEIVED

JUL 3 2013

WATER PROTECTION PROGRAM

Dear Ms. Wallace

Please find the enclosed 2013 Stormwater Management Plan, PERMIT # MO-R040080.
If you have further questions, please contact me.

Sincerely,



Julia M. Elder, MRCC
Village Clerk
Custodian of Records

INTRODUCTION

Purpose and Scope:

The purpose of the Village of Country Club, Missouri's Stormwater Management Plan is to develop and implement programs in order to minimize stormwater runoff throughout the incorporated area of the Village.

Village of Country Club General Information:

The Village of Country Club, located in Andrew County in northwest Missouri was incorporated in 1954. It is located at Latitude 39.8322 and Longitude 94.8216 with an elevation of 1,066 feet. The land area is approximately 3.91 square miles and there is a population of 2,499 according to the 2010 census.

The Village is governed by a Board of Trustees of five members that are elected. There are 3 full time employees a Police Chief, Police Officer and the city clerk.

Program Area 1
Public Education and Outreach on Stormwater Impacts

Permit requirement summarized:

Establish a program to distribute educational materials to the community and/or conduct outreach activities about the impacts of stormwater discharges on water bodies and the steps to reduce such impacts.

Minimum inclusions are:

- Target pollutants and sources the Public Education program will address
- Target audiences
- How to inform on targeted pollutants
- How to involve target audience in Stormwater Management Plan
- Outreach strategies
- How evaluate success?

Initial Decision Process and Public Involvement:

The Village of Country Club has been using available information from a local agency to reach their target audiences so far.

Outreach Strategy:

Target audiences for the public education program have been to date:

- Citizens (Homeowners)
- Developers and home builders
- Elected officials
- City staff.

These audiences were selected because informing them of and changing their behavior about stormwater will have a significant impact on stormwater quality.

Evaluation of success:

Success of the program to inform the public of stormwater impacts can be evaluated by tracking the number of citizen complaints about targeted pollutants.

During the next permit cycle:

The Village of Country Club will:

- Continue to target elementary students on the importance of water quality
- Continue to educate developers and home builders
- Continue to educate elected officials and City Staff.

The Village of Country Club will:

- Develop a Citizen Advisory Board to assist in selecting goals of the Stormwater Plan
- Use volunteers to help educate the public of goals

The Village of Country Club will:

- Review the Stormwater Plan at least once during the next permit cycle to keep the goals focused and attainable considering the limited staff and funding resources.

Program Area 2
Public Involvement/Participation

Permit requirement summarized:

Implement the public involvement/participation program and involve the public in development and oversight of stormwater related issues.

Minimum inclusions are:

- How public was involved in the development and submittal of application and the Stormwater Management Plan
- Target audiences including commercial, industrial, trade associations, environmental groups, homeowner associations and educational organizations
- Types of public involvement could include:
 - Citizen Representatives on stormwater management panel
 - Public hearings
 - Citizen volunteers
 - Involvement of the public in development of the program
- How to evaluate success?

After an audit in July 12, 2013, this area was deemed to be somewhat adequate.

During the next permit cycle, the Village of Country Club will:

- Solicit input from citizens of the Village on their thoughts on stormwater quality, thereby creating citizen involvement/volunteers/public hearings/panel
- Continue with established programs that have targeted elementary aged children with the importance of stormwater quality
- Evaluate established programs to ensure that they are kept relevant and that new information is incorporated when possible
- Attempt to establish information sharing with other governmental agencies in the stormwater program

The Village of Country Club will also review this Stormwater Management Plan at least once during the next permitting cycle to keep the goals focused and attainable considering the limited staff and funding resources.

**Program Area 3
Illicit Discharge and Elimination**

Permit requirement summarized:

Required of the NS4 entity is the development, implementation and enforcement of a program to detect and eliminate discharges by:

- Create a map with locations of outfalls noted.
- Pass ordinances to regulate non-stormwater discharges with enforcement procedures and actions included
- Create a plan to detect and address non-stormwater discharges to the system
- Locate priority problem areas and keep a list of those problems and actions on them
- Show how discharges are tracked and how to eliminate such discharges
- Ordinances that outline actions and fines
- How to inform the public and coordinate with Program Area 1 and Program Area 2

With the completion of construction of the new wastewater treatment plant (MO-0136051) and subsequent placement on line of that plant in April, 2013 it has become an important issue to locate and deal with priority problems in the collection system. The collection system has been mapped and that map is included. Due to the small size of the service area it is possible to find and address problems quickly and efficiently.

Stormwater issues are addressed in the Stormwater Ordinance that is now in effect in the Village. It is available on the Village website, www.villageofcountryclubmo.org.

Due to the small service area and the elected representatives it is possible to keep citizens well informed of any actions or fines that may come into play.

During the next permit cycle the Village will:

- Create a written tracking program for problem collection areas.
- Actively research the stormwater outfalls that are listed in the application
- Continue with established programs and review them to keep them relevant to laws
- Review ordinances to keep them relevant
- Review the Stormwater Management Plan at least once during the permitting cycle and keep it as current and relevant as possible considering the limited staff and funding available.

*The permit
is to map
stormwater
outfalls
and
outfalls*

Program Area 4
Construction Site Stormwater Control

Permit requirement summarized:

This Program Area requires an enforcement program for runoff control at construction sites.

Minimum inclusions:

- Ordinances that show erosion control requirements; any sanctions for non-compliance ; and requirements to control construction site waste
- Review of all pre-construction site plans
- Methods to receive and consider input from the public
- Procedure to prioritize and inspect construction sites
- A plan to ensure compliance including stop work orders, fines or bond requirements
- Method to evaluate the success?

Located on the Village of Country Club's website is a copy of the Stormwater Ordinance, www.villageofcountryclub.org. Due to the limited amount of construction in the largely "bedroom" community, construction is closely monitored. Besides the elected officials being available to their constituents, there are provisions to receive phone calls and to send electronic communications to the Village office if an issue is noticed.

In the next permitting cycle the Village of Country Club will:

- Through the elected official process, get public input for what citizens consider important to their town.
- Review and/or implement ordinances to address construction site stormwater and waste management and ways to ensure the compliance with those ordinances.
- The Village of Country Club is planning to hire a full time building inspector which will facilitate inspections and locating problem areas.
- The Village will review this Stormwater Management Plan at least once during the next permitting cycle to ensure it is relevant and current to the needs of the community taking into consideration the limited staff and availability of funding.

**Program Area 5
Post Construction Stormwater Management
In New Development and Redevelopment**

Permit requirement summarized:

Establishment of a program to address water quality on a new development or re-development area greater than an acre that discharges to an MS4 utility.

Minimum inclusions:

- How to minimize water quality impacts
- Ordinance development
- How to enforce such a program in the long term
- How to deal with wetlands; keep or increase open spaces; provide buffers
- Try to redevelop Brownfield sites
- Educate developers and the public by introducing best management practices that could include promoting parking lot infiltration; grassed swales; bioretention cells; cisterns; green roofs and planter boxes.
- How to evaluate the success of this Program Area?

During the next permitting cycle the Village will:

- Through the elected official process determine what is important to the citizens of the town for controlling stormwater quality and management.
- Develop ordinances to implement stormwater quality and management by encouraging “green infrastructure” when dealing with contractors and developers.
- Include in such ordinances the procedure to keep this program in place for the long term.
- Review this Stormwater Management Plan at least once during the permitting cycle to ensure it is kept relevant and up to date while considering the limited staff and funding available.

not adequate

**Program Area 6
Pollution Prevention/Good Housekeeping
For Municipal Operations**

Permit requirement summarized:

Establish operations and maintenance programs to prevent and/or reduce pollutant runoff from municipal operations.

Minimum inclusions:

- List of municipal operations impacted by the O&M program
- How to control/eliminate discharges from streets, maintenance and storage yards, shop areas, salt storage areas.
- How waste is disposed of
- Training for employees while making it a part of public information and illicit discharge information, Areas 1, 2, and 3.
- How to measure success?

During the next permitting cycle the Village will:

- Ensure that all contracted entities for municipal operations will address the requirements of the Stormwater Management Plan for the Village of Country Club.
- Continue with contract operation policies that meet or exceed the requirements of a stormwater management plan such as taking Village vehicles to offsite businesses for maintenance, selective use of salting of roadways during snowfalls and other such policies already in place.
- Through the elected official process make sure that all citizens are aware of the importance of watching and reporting so stormwater quality will not be compromised.
- The Village will review the stormwater plan at least once during the reporting cycle to ensure it is kept relevant and progress is being made while taking into consideration the limited staff and funding available.