

Jasper County, Missouri
Storm Water Management Plan
Small MS4 Permit MO-R040048

DRAFT 06-16-16

THIRD PERMIT TERM
ANNUAL REPORT
JUNE 2015 - JUNE 2016

JASPER COUNTY, MISSOURI
PHASE 2 STORM WATER MANAGEMENT PLAN
THIRD PERMIT TERM – YEAR 3 (2015 - 2016)
ANNUAL STATUS REPORT

The county has completed Year Three (June 2015 – June 2016) of the third permit term for the program.

The county works in conjunction with the city of Joplin on press releases, TV interviews, public service announcements, newspaper articles, webpage and training for county staff.

Joplin has implemented a recycling program for household hazardous waste which is available to county residents.

The county maintains a website: www.jaspercounty.org. The County Health Department webpage contains education information on the environmental services the county provides. There is an on-line complaint form on the Health Department's webpage to allow citizens to register a complaint about illicit connections or illegal dumping activities.

Poster and brochures have been placed at the courthouse and the county Health Dept. for people to view and obtain. The posters show construction best management practices. PDFs of the poster and brochures are also available for viewing on the Storm Water Management Page of the county's website.

The county maintains a countywide GIS map including parcel mapping. The areas regulated by the county under the storm water ordinance are included as an overlay to make tracking construction activities and plan coordination easier between the different county departments. The map is used for administration and tracking of storm water permits, inspections and outfall locations.

The county maintains an active stream monitoring program with sampling site measuring E-Coli levels in Turkey Creek, Center Creek and Spring River watersheds. Measurements are taken during the months of May through October.

The county participates in the Spring River Watershed Partnership.

The county issues building permits for construction for on-site waste water treatment systems and conducts inspections during construction. The county also performs inspections of restaurants and other food service operations.

The county continues to work with the city of Joplin for assistance in completing some of the permit obligations for public education, public involvement as well as coordinating training exercises for county employees.

County health department staff participated in several public education and outreach activities during the past 12 months. Those included the following:

August 8, 2015, 8:00 a.m. to 3:00 p.m. The county staffed a booth at the Shoal Creek Water Festival at Wildcat Park in Joplin, MO. There were 3 employees in attendance who talked about water quality protection including the importance of rain gardens and rain barrels. Brochures with this information was given out as well.

March 25, 2016, 1:00 p.m. to 5:00 p.m. The county staffed a booth at the Healthy Kids Day held at the Fair Acres Family Y in Carthage, MO. There were 3 employees in attendance and they explained water quality protection and the importance of keeping the watershed clean. Information regarding rain gardens and rain barrels was handed out as well as 6 septic assistance applications.

April 22, 2016, 10:00 a.m. to 2:00 p.m. The county staffed a booth at the Green Fling Event held at the Leggett and Platt corporate offices in Carthage, MO. There were 2 employees in attendance and they spoke about water quality protection and how rain gardens and rain barrels can help. Information about rain gardens and rain barrels was distributed, also applications for the septic assistance program was given out.

April 22, 2016, 9:00 a.m. to 1:00 p.m. The county staffed a booth at the Missouri Southern State University Earth Day event. The Environmental Supervisor, Steve McKarus, gave a presentation regarding water quality. There were 4 employees in attendance and they handed out information regarding rain barrels and rain gardens.

June 11, 2016, 8:00 a.m. to 12:00 p.m. The county staffed a booth at the Kids Fishing Day event held at Kellogg Lake in Carthage, MO. There were 6 employees and 1 volunteer at the event. The booth educated people about rain water runoff, non-point source pollution, watershed address, rain barrel and rain garden information. Brochures regarding rain barrels and rain gardens were handed out as well as some septic assistance applications. There were 180 children who came through the booth.

December 15, 2015 a demo rain garden was installed at Fair Acres Sports Complex. Signage describing plants and the purpose of a rain garden was also installed.

Through the cost share program from our 319 Grant, funded by the DNR, there have been 7 septic tanks pumped and 9 septic systems replace or repaired between 6/13/2015 and 6/12/2016. The total cost to date is \$4,818.00 for tank pumping and \$49,041.00 for repair and replacement of septic systems.

COMPLETED ACTIVITY SCHEDULE
THIRD PERMIT TERM
YEAR THREE (2015-2016)

MCM#1

Maintain supply of Storm Water brochures at Health Department and Courthouse to distribute to public

Issue Press Releases concerning Storm Water Issues {In cooperation with City of Joplin} Advertise

Disposal of Household Hazardous wastes {In cooperation with City of Joplin}

MCM#2

Illicit Connection / Illegal Dumping Notification system by e-mail or phone calls

Advertise Household Hazardous Waste Collection {In cooperation with City of Joplin}

Participate in the Spring River Watershed Partnership.

MCM#3

Maintain Outfall / Storm Drainage System Map. Conducted dry weather screening for several outfalls last summer.

Distribute brochure on proper disposal of waste and hazards of illicit discharges {In cooperation with City of Joplin}

Issue Building Permits for on-site wastewater treatment systems

Perform inspections for restaurants and other food service operations

MCM#4

Review Site Plans and permits for construction Projects

Conduct inspections of permitted construction sites within jurisdictions

Advertise through webpage for citizens to register complaints concerning construction projects

Promote training sessions for developers and staff {In cooperation with City of Joplin}

MCM#S

Review Site Plans and permits for construction Projects

Conduct inspections of active construction sites within jurisdictions

Advertise through webpage for citizens to register complaints concerning construction projects

Promote training sessions for developers and staff (In cooperation with City of Joplin)

MCM#G

Review flood plain development applications for water quality impacts

Advertise training session for staff on proper methods for pollution prevention (In cooperation with City of Joplin)

PROPOSED ACTIVITY SCHEDULE
THIRD PERMIT TERM
YEAR FOUR (2016-2017)

MCM#1

Maintain Storm Water Program on Health Dept. webpage

Maintain supply of Storm Water brochures at Health Department and Courthouse to distribute to public

Issue Press Releases concerning Storm Water Issues (In cooperation with City of Joplin)

Advertise Disposal of Household Hazardous wastes (In cooperation with City of Joplin)

MCM#2

Illicit Connection / Illegal Dumping Notification system by e-mail or phone calls

Advertise Household Hazardous Waste Collection (In cooperation with City of Joplin)

Participate in the Spring River Watershed Partnership

Develop questionnaire and conduct on-line survey for testing public's knowledge of storm water issues.

MCM#3

Maintain Outfall / Storm Drainage System Map

Distribute brochure on proper disposal of waste and hazards of illicit discharges (In cooperation with City of Joplin)

Issue Building Permits for on-site wastewater treatment systems

Perform inspections for restaurants and other food service operations

MCM#4

Review Site Plans and permits for construction Projects

Conduct inspections of permitted construction sites within jurisdictions

Advertise through webpage for citizens to register complaints concerning construction projects

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Review flood plain development applications for water quality impacts

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