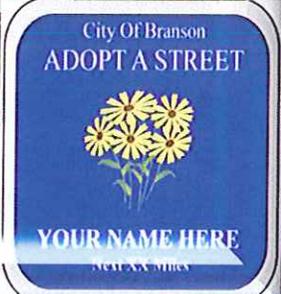


NPDES Phase II

Stormwater Annual Report

Municipal Separate Storm Sewer System

June 2014—June 2015



PRESENTED BY:

CITY OF BRANSON, MISSOURI

JULY 2015



MO Form 780-1846 (Stormwater Annual Report – Small MS4s Permits)

Table of Contents

Executive Summary

MCM #1 – Public Education

- Public Education Efforts
- Overall Compliance with Permit Conditions
- Stormwater Activities Planned for Next Reporting Cycle

MCM #2 – Public Participation/Involvement

- Public Involvement Efforts
- Overall Compliance with Permit Conditions
- Stormwater Activities Planned for Next Reporting Cycle

MCM #3 – Illicit Discharge Detection and Elimination

- Illicit Discharge Detection and Elimination Efforts
- Overall Compliance with Permit Conditions
- Results of Information Collected and Analyzed During Reporting Cycle
- Stormwater Activities Planned for Next Reporting Cycle

MCM #4 – Construction Site Stormwater Runoff Control

- Construction Site Runoff Control Efforts
- Overall Compliance with Permit Conditions
- Stormwater Activities Planned for Next Reporting Cycle
- Summary of the Number of Inspections

MCM #5 – Post Construction

- Post-Construction Runoff Control Efforts
- Overall Compliance with Permit Conditions
- Stormwater Activities Planned for Next Reporting Cycle

MCM #6 – Good Housekeeping for Municipal Operations

- Good Housekeeping Efforts
- Overall Compliance with Permit Conditions
- Results of Information Collected and Analyzed During Reporting Period
- Stormwater Activities Planned for Next Reporting Cycle

MO Form 780-2049 (Stormwater Annual Report – Small MS4s Permits Addendum – Water Quality Program Assessment)



Executive Summary:

The City of Branson applied for its first Municipal Separate Storm Sewer Permit in 2013. The City Engineer/Public Works Director is responsible for implementing the stormwater program. At this time, the City's stormwater program is primarily funded through the transportation fund.

The stormwater management plan was developed by city staff with input from a consultant and a citizen task force and was adopted by city ordinance by the Branson Board of Aldermen on April 9, 2013. This plan was submitted with the application for a permit on May 9, 2013. The City utilizes this plan as a guidance document to work towards compliance with all six minimum control measures. No program elements within the Stormwater Management Plan are being modified at this time.

The purpose of this report is to provide information related to the efforts of the City of Branson to reduce non-point source pollution through public education and participation, illicit discharge detection and elimination, construction site runoff control, post-construction runoff control and good housekeeping in municipal operations. It is the City's intent to be as compliant as possible with the state and federal requirements set forth under NPDES Phase II. A summary table is enclosed which outlines the MCM's completed this first year of the permit.

The City of Branson views the stormwater management plan as an opportunity to expand on a vision for clean water within our jurisdiction. We recognize that this stormwater management plan is a starting point for effective non-point source pollution reduction and our residents and community leaders are committed to being proactive in protecting our water resources as we place great value on the water resources in our care.



Minimum Control Measure #1 – Public Education

Summary: The City of Branson has continued to build its public education program through distribution of educational materials to the community, the city website, and conducting outreach activities. The focus of these efforts is to educate the public with activities discussing the impact of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in storm water runoff.

Public Education Efforts

- Biennial Business and Community Survey was updated to include questions regarding stormwater issues and sent to citizens for response.
- Created and distributed four educational brochures for distribution to the public at City Hall, Public Works, Recycle Center and Utilities Department. Enhanced Facebook page to include water quality posts.
- Added 6 links to the city stormwater web page that is available to public, contractors, developers and builders. Now includes the city’s MS4 plan, MS4 annual report, and a map of the Table Rock Lake watershed.
- Created webpage on Branson’s Adopt-A-Street program, to reduce floatables. Informative cards (below) handed out at Earth Day and available at city hall and on website.



KEEP BRANSON BEAUTIFUL ADOPT A STREET!

**You can HELP THE ENVIRONMENT:
JOIN BRANSON'S ADOPT A STREET PROGRAM**

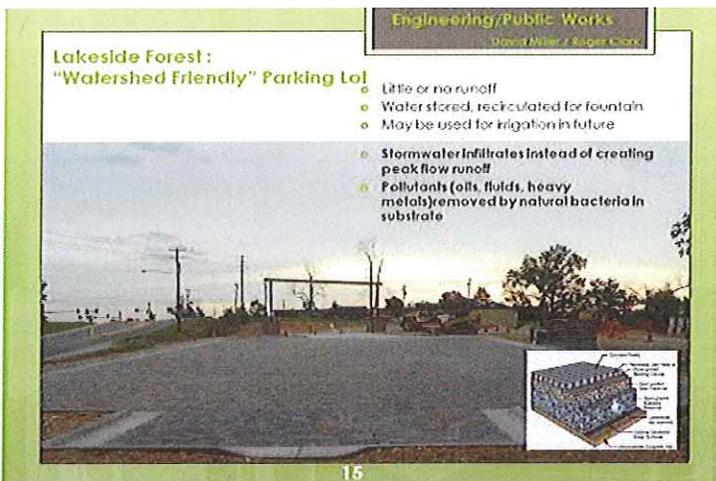
⇒ Individuals, organizations, groups, or families welcome
⇒ Commit to cleanups 3 times a year
⇒ City provides all supplies. You provide time and volunteers.

Rewarded with Your Own
Adopt a Street Sign

Find us on Facebook
@Envirobranson

For more information contact: Ashley in Public Works
417-243-2725
ahayst@bransonmo.gov

- Collected and disposed of 4.66 tons of household chemicals at the city's household collection facility.
- Developed city watershed map and placed on city's website <http://www.bransonmo.gov/documentcenter/view/503>
- Continual updates to stormwater web page as needed or as materials become available.
- Completed the installation of a watershed-friendly parking lot at Lakeside forest. This can be used for future demonstrations.



- Provided citizens with materials to install 30 storm drain decals and 310 corresponding handouts. This brings our total to 669 storm drains marked by 195 volunteers, and 3,122 handouts distributed to homes/businesses.

How do household chemicals affect our water?

Did You Know...
When you dispose of paint, cleaners or anything else down a storm drain or street gutter, it goes directly to the stream or lake nearest you.

**Soap is for dishes
...Not for fishes**

Remember:
Never pour anything down a curb or storm drain that you wouldn't pour in a river.

HCC Collection Facility
601 Compton Dr., Branson, Missouri
Located at the Branson Recycle Center
Open to all Taney County Residents
BY APPOINTMENT ONLY
Call 417-377-8559

417-337-8559
www.bransonmo.gov

Branson Environment And Recycle

**Household Chemical Collections:
The Water Connection**

Open By Appointment Only
Call 417-337-8559

601 Compton Dr.
Branson, Missouri
Across from Community Center



No SWMP elements have been changed or refined since permit application. All measurable goals have been met.

Overall Compliance with Permit Conditions:

The Best Management Practices (BMP's) in the City's Stormwater Management Plan (SWMP) seem to be effective for local population.

The City continues to make progress towards achieving the goal of reducing the discharge pollutants to the Maximum Extent Practicable (MEP). We have begun to make the public more aware of stormwater quality issues.

Stormwater Activities Planned During Next Reporting Cycle:

- Post "Healthy Lawns, Healthy Water" (MARC) video link to social media and website. Update existing educational materials on household hazardous waste disposal for distribution to public.
- Continue to update stormwater web page.
- Continue promotion of safe disposal of household chemicals at the Household Collection Facility.

No changes are proposed to MCM #1's BMP's or measurable goals.



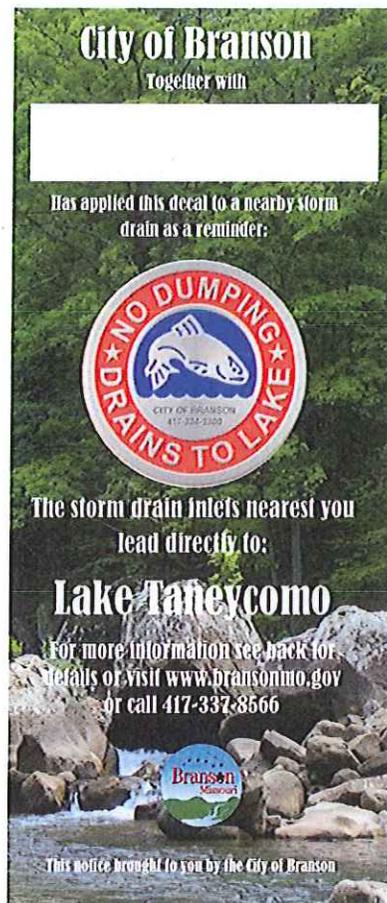
Minimum Control Measure #2 – Public Participation & Involvement

Summary: The City of Branson has actively involved the public in the development and implementation of the stormwater program.

The Stormwater Division of the Engineering Department has a strong relationship with the Public Relations Department as well as local newspapers and radio stations. We have had individuals, families and groups such as the Boy Scouts take on specific tasks of laying permeable pavers and storm drain markers.

Public Involvement Efforts:

- Processed a total of 20,765 vehicles through the city’s recycle center and safely disposed of 4.6 tons of household chemicals.
- Organized a total of 47 participants in marking 30 storm drains. These volunteers also handed out 310 brochures on “The Water Connection and Household Hazardous Waste,” as well as the door hanger below:



Storm water is not treated before being discharged to area rivers and streams. Storm water can carry these pollutants down gutters, sidewalks, and streets, into nearby storm drains, then directly into streams.

- Paint
- Pesticides/Fertilizers
- Motor Oil
- Litter/Cigarette Butts
- Solvent/Degreaser
- Detergent
- Antifreeze/Transmission Fluid
- Pet Waste
- Concrete/Mortar
- Cooking Grease
- Yard Waste (leaves, clippings)

NEVER pour anything down a curb or storm drain that you would not pour in a lake or stream.

Household Chemical Collections
Branson Recycle Center
 601 Compton Drive
 417-337-8566

Yard Waste
Hansen's Tree Service
 Reeds Spring & Ozark
 417-337-5462

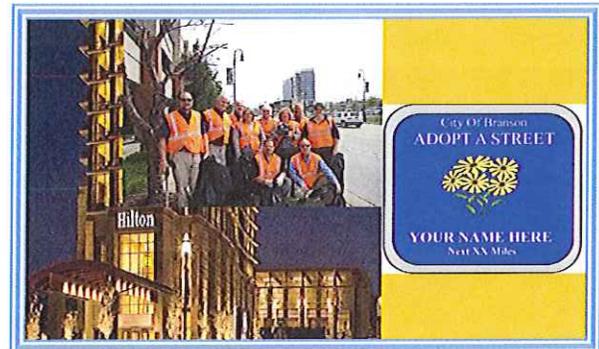
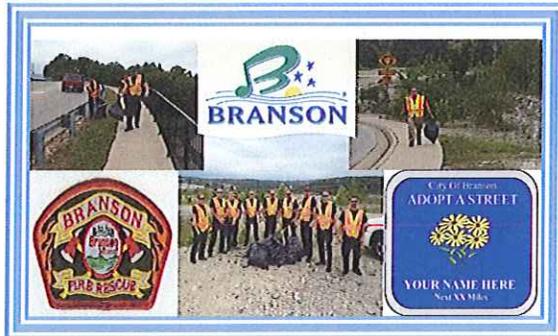
Sunny Hills Nursery
 Kirbyville
 417-339-4437

 Branson Environment and Recycle

 @EnviroBranson



- Organized and distributed 310 informational door hangers to businesses and neighborhoods.
- Encouraged participation and organized the Adopt-a-Street program wherein we trained 27 participants and removal of 35 full trash bags.



- Maintained ten pet waste stations in city parks and at Branson Landing. Pet waste pick up signs have been posted throughout all of the City parks and trails reminding residents and visitors to pick up after their pets.



- Promote Table Rock Lake Water Quality, Inc.
- Biennial Business and Community Survey was updated to include questions regarding stormwater issues and sent to citizens for response.
- Participated in a community wide clean up with a total of 50 volunteers who filled 2 – thirty yard dumpsters and disposed of 19 tires.

No SWMP elements have been changed or refined since permit application. All measurable goals have been met.

Overall Compliance with Permit Conditions:

The City of Branson is complying with permit conditions relating to Public Participation and Involvement. Residents can utilize the “Citizen’s Comment” and “Public Hearing” portion of the City Council and Planning and Zoning meetings as well as post a citizen concern on the city’s website.

Whenever a development is proposed in the City, public hearings are held at the Planning & Zoning



meetings. The Planning and Zoning Commission is a volunteer board who are appointed by City Council. They review and approve all developments coming into the city and include in their discussion stormwater and other issues prior to approval of the development. Once approved by Planning & Zoning, their recommendation is forwarded to City Council for final approval where residents have another opportunity to provide questions or comments.

Stormwater Activities Planned During Next Reporting Cycle:

- Continue encouraging use of the city's recycle center to dispose of household chemicals and recyclable materials through promotion on Facebook and city website.
- Publicize participation in an annual storm drain marking event.
- Encourage groups and citizens to participate in the Adopt-a-Street program through the city website and social media.
- Continue distributing 100 "Dump No Waste, Drains to Stream" door hangers to city businesses and developments annually.
- Continue maintaining pet waste stations.
- Post the Lake Taneycomo Watershed Plan to the City's website upon completion.
- Co-Sponsor a community-wide lake cleanup with a partnering organization.

No changes are proposed to MCM#2 BMP's or measurable goals.



Minimum Control Measure #3 – Illicit Discharge Detection and Elimination

Summary: The City of Branson is striving to develop, implement and enforce a program to detect and eliminate illicit discharges into the MS4.

Illicit Discharge Detection and Elimination Efforts:

- City ordinances prohibiting non-stormwater discharges into storm sewer system presented to Council for consideration.
- The GIS mapping division continues to map all recently constructed stormwater piping and has completed mapping of the remainder of the city storm sewer system. Currently, Branson has approximately 204,036 feet or 38.6 miles of storm sewer infrastructure mapped throughout the City limits.
- Trained 30 city employees from the Engineering, Public Works, Fire, Police, Parks, Utilities and Planning Departments concerning stormwater education by showing the “Rain Check Stormwater Pollution Prevention” for MS4s video.

No SWMP elements have been changed or refined since permit application. All measurable goals were met. No changes are proposed for MCM #3 BMP’s or its measurable goals.

Overall Compliance with Permit Conditions:

Branson is complying with permit conditions relating to Illicit Discharge Detection and Elimination. Our GIS stormwater map is being updated continuously to show stormwater discharge points. This map currently shows all developments within the city limits. Construction sites are monitored more closely by Construction Project Managers in the Engineering Department and Building Inspectors.

Results of Information Collected and Analyzed During Reporting Period:

- Marked 30 storm drains and distributed 310 door hangers with illicit discharge related information.

Stormwater Activities Planned During Next Reporting Cycle:

- Continue mapping of storm sewer system.
- Establish a website-based reporting tool for illegal discharges/stormwater reporting and develop a response and reporting system to track complaints.
- Develop an Outfall Monitoring and Dry Weather Screening Plan.
- Continue stormwater education and training to 20% of city employees in Engineering, Public Works, Fire, Police, Parks, Utilities and Planning Departments.
- Spill response policy implemented by Fire Department.



Minimum Control Measure #4 – Construction Site Stormwater Runoff Control

Summary: Branson is striving to develop, implement and enforce a program to reduce pollutants in stormwater runoff from construction activities that result in disturbance of greater than one acre.

Construction Site Runoff Control Efforts:

- Construction plans for commercial construction were reviewed.
- Staff inspected construction sites and enforced construction site runoff control.
- Reviewed model construction site runoff control ordinances.

No SWMP elements have been changed or refined since permit application. All measurable goals were met.

Overall Compliance with Permit Conditions:

Branson has been compliant with the continued implementation of construction site runoff controls by means of regulatory requirements and on-site inspections. There are also measures in place that require developers to submit a site improvement plan which addresses sediment and erosion control. We also reference the MDNR Protecting Water Quality Manual as a guide for site runoff control to engineers, developers and contractors. Other processes that need mentioned prior to construction commencing are that there are several plan review and planning and zoning processes that developers and builders must follow. All subdivision developments must be approved by the Planning & Zoning Commission via plat approval. Upon approval, they are forwarded to City Council for approval and recording. On individual lots and developments the developer/builder must submit their plans to the Engineering Department for review and approval of the stormwater aspects of their project. The project cannot move forward until the Engineering Department gives final for construction. Sites involving land disturbance activities over one acre in size are not approved until they are approved by MDNR, when applicable.

Stormwater Activities Planned During Next Reporting Cycle:

- Draft ordinance authorizing stormwater runoff plan review, inspection, enforcement and ability to impose fees or penalties.
- Continue to educate public, employees, contractors and developers regarding requirements for construction site runoff control.
- Document all inspections and enforcement actions.

Summary of the Number of Inspections:

- City staff reviewed nineteen residential and commercial building permit applications to ensure stormwater quantity and control was addressed.

No changes are proposed for MCM#4 BMP's or measurable goals.



Minimum Control Measure #5 – Post-Construction

Summary: Branson is striving to develop, implement and enforce a program to address stormwater runoff from development and redevelopment projects that disturb greater than one acre. Various BMP's are used to control siltation and erosion of development areas until such time as vegetation can be re-established. The City of Branson requires all developments to meet stormwater detention or retention requirements to help minimize the impacts of flooding, post-construction runoff, including runoff from increased impervious areas created by the development.

Post-Construction Runoff Control Efforts:

- Evaluated 19 plans submitted to Open for Business team (formerly Administrative Review Team) encouraging stormwater runoff control BMPs.
- Prepared a model ordinance designed to regulate and enforce post-construction strategies in new and redevelopment projects.
- Evaluated potential non-structural BMP ordinances such as codes, policies, green parking lots, swales, open space requirements or stream buffers.
- Presented a draft stream buffer plan for review by other city departments.

No SWMP elements have been changed or refined since permit application. All measurable goals were met.

Overall Compliance with Permit Conditions:

The BMPs in the City's SWMP seem to be effective for local population, appear to address some of the city's larger potential pollution sources and have integrated well with local management procedures. Branson continues to make the public as well as private development more aware of stormwater quality issues as they relate to the post-construction environment. Plan review continues to recommend post construction methods for projects coming into the City as well as for capital improvement projects funded by the City.

Stormwater Activities Planned During Next Reporting Cycle:

- Legal counsel will review the recommended non-structural BMP ordinance.
- Modify the Design Criteria for Public Improvement Projects to include BMP's for stormwater control.
- Select educational materials on watershed protection to provide to engineering firms and developers. Materials will be selected and disseminated through the Administrative Review Team (Open for Business) by the end of the fourth year of the permit. Materials will also be posted on City website.
- Legal counsel to continue review and make recommendations for ordinance to regulate and enforce post-construction strategies for new and redevelopment projects.
- Establish a website-based reporting tool for illegal discharges and develop a response and reporting system to track complaints.
- Review the city's existing zoning ordinance to consider incorporating appropriate amendments to the zoning code to provide more green space and buffer zones. The amendments will address maximum impervious surface requirements.



- Present report for funding mechanisms for review by Board of Alderman.
- Legal counsel will review any proposed amendments to the city's zoning ordinance regarding planned development and overlay zones.
- Evaluate alternatives to address operation and maintenance for stormwater BMPs and incorporate into stormwater ordinance.

No changes are proposed for MCM #5 BMP's or measurable goals.

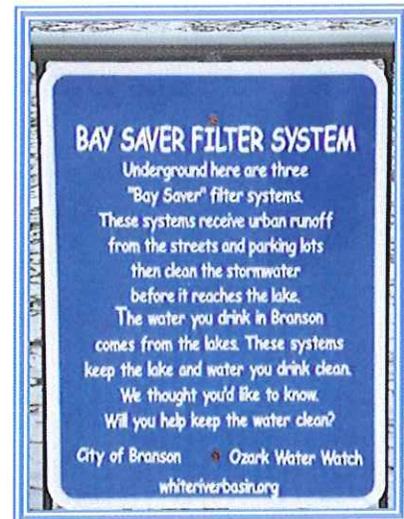


Minimum Control Measure #6 – Good Housekeeping for Municipal Operations

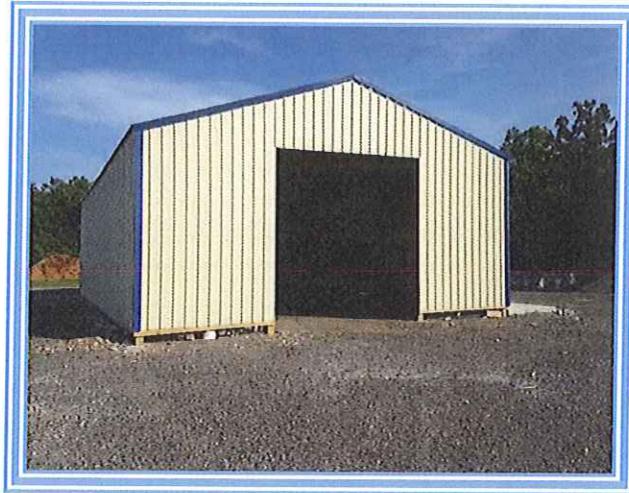
Summary: Branson is striving to develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

Good Housekeeping Efforts:

- 30 roads adopted for Adopt-a-Street program.
- BaySaver units scheduled during dry periods/summer months but hasn't been feasible thus far due to weather conditions.
- Continual street sweeping to reduce floatables – 46 miles this reporting cycle.
- Trained 30 city employees from the Fire Department concerning stormwater education by showing the "Rain Check Stormwater Pollution Prevention" for MS4s video.
- Used oil recycling – ongoing.
- Continued vehicle maintenance BMPs – new fuel systems installed, washing discharged to sanitary sewer, maintenance under cover.
- Continued salt storage under cover
- Continued removal of trash, salt and gravel debris from city right-of-way.
- Continued discussion of stormwater issues at monthly MS4 team meetings and at weekly Open for Business meetings.
- Continued use and promotion of non-coal tar sealants on parking lots or city streets.
- The Fire Department responds on average close to 200 motor vehicle accidents annually. Often times these accidents cause spills of motor fluids including engine oil, transmission fluid, brake fluid, and radiator fluid. The fire typically manages these fluid spills with SPHAG SORB, an environmentally safe industrial absorbent. This year the Fire Department was awarded a "Splat Mat" kit which is a deployable splash pool that slides under vehicles to catch fluids. Once the SPHAG SORB is applied to the Splat Mat, the materials become environmentally safe and can be disposed of properly.



- Built parks department pole barn to cover parks department equipment, fertilizers and solvents.



No SWMP elements have been changed or refined since permit application. All measurable goals were met. No changes are proposed for MCM #6 BMP's or measurable goals.

Overall Compliance with Permit Conditions:

Branson's BMP's seem to be effective for local population, and have integrated well with local management procedures. Branson continues to make progress towards reducing the discharge of pollutants and have begun to make staff in all departments more aware of stormwater quality issues as they relate to municipal operations. Our Parks Department uses covers on materials such as mulch and topsoil to prevent unnecessary runoff. We continue to evaluate and improve our salt storage for snow removal operations. We have a covered area and tarps and bins in place over our outside storage which is monitored and maintained on a regular basis. Pollution prevention and good housekeeping measures are one function of each of our employees' job. This is a daily, on-going routine and employees are reminded to be aware of our own operation and maintenance practices to help and ensure a reduction in the amounts and types of wastes that collect on our streets, parking lots and maintenance areas. City staff also maintains compliance with contractors and developers sites by the enforcement of existing codes and ordinances that assist with prevention.

Results of Information Collected and Analyzed During Reporting Period:

- Approximately 41 miles of city streets swept.
- Inlets/catch basins are inspected periodically and cleaned as needed.
- Used oil converted from waste to energy at three city facilities.
- 35 bags of trash removed from city right-of-way
- Attendance at StormCon (North American Surface Water Quality Conference & Exposition in August, 2014 in Portland, Oregon. Attended sessions on sediment and erosion control practices, current techniques for meeting stormwater compliance challenges.
- Developed an operation and maintenance program for consideration by various city departments.



- 30 employees trained with Rain Check Stormwater Pollution Prevention” for MS4s video..

Stormwater Activities Planned During Next Reporting Cycle:

- Continue promotion of Adopt-a-Street program.
- Annual cleaning of BaySaver units.
- Weekly street sweeping to reduce floatables.
- Continued stormwater training of city employees.
- Operation and maintenance program fully implemented.
- Identify any outside training opportunities for staff and send appropriate representatives.

City of Branson Best Management Practices by Year

Year	MCM	BMP Goal Selected	Measurement Method	Responsibility	% Complete	Comments
ALL	MCM 1	Existing educational materials will be identified and appropriate subjects selected for distribution. The City's existing social media pages will be enhanced to engage the public.	Materials assembled.	Engineering	100%	City Facebook page renamed to Branson Recycle and Environment
	MCM 1	Stormwater web page will be updated as an educational tool. Related and supportive websites will be linked.	# links to related websites	Engineering	100%	10 web links posted
	MCM 1	Promote and Co-sponsor an annual Ozarks Water Watch Week with other organizational partners. Water Watch Week is a series of programs designed to engage citizens in water oriented activities that highlight the importance of water quality.	# of events during Water Watch Week	Engineering	100%	Water Watch Week Discontinued by Partner Organization,
	MCM 1	Promote safe disposal of household chemicals at the Household Collection Facility using the "Household Chemical Collections: The Water Connection" brochure at the Household Collection Facility	# brochures distributed, # tons collected	Engineering	100%	4.66 Tons were disposed of through HHW collection, 310 brochures distributed
	MCM 2	Citizens will be encouraged to use the City's recycling center to dispose of household chemicals & recyclable materials.	# vehicles accessing recycle center, # tons of chemicals disposed	Public Works	100%	20,765 vehicles processed thru recycle center drop off
	MCM 2	A community-wide lake cleanup will be organized by a partnering organization and co-sponsored by the City of Branson.	# of participants & waste volume	Engineering	100%	50 volunteers 2 (30 yard) dumpsters 19 tires
	MCM 2	Groups will be organized to participate in an annual storm drain marking event.	# of participants; # storm drains marked;	Engineering	100%	47 citizens participated, 30 storm drains marked
	MCM 2	Groups will be encouraged to participate in the adopt-a-street program through the City website and social media.	# participants	Public Works	100%	27 participants - 35 bags of trash removed

City of Branson Best Management Practices by Year

Year	MCM	BMP Goal Selected	Measurement Method	Responsibility	% Complete	Comments
	MCM 2	Community groups will be provided with supplies and maps for distribution of 100 "Dump No Waste, Drains to Stream" doorhangers at businesses and communities.	# distributed	Engineering	100%	310 "Dump No Waste Drains to Stream" brochures distributed
	MCM 2	Ten pet waste stations will be maintained in city parks and at Branson Landing.	Total # pet waste stations maintained	Parks	100%	On-going
	MCM 5	Utilize the Administrative Review Team (ART) process to encourage stormwater runoff control BMP's.	# Plans evaluated by Administrative Review Team	ART	100%	19 sets of plans reviewed
	MCM 6	"Adopt-A-Street" program promoted through press release to reduce floatables.	# participants	Public Works	100	27
	MCM6	Annual Cleaning of BaySaver Units.	# units cleaned	Public Works	50	We have found that cleaning of the bay savers is not feasible during the wet periods (Early spring and late fall/winter months) Numerous underground springs have made this next to impossible. Therefore the units will be cleaned during the dry periods/summer months. And if there are dry periods during the spring or fall months they will be cleaned an additional time.
ALL						

City of Branson Best Management Practices by Year

Year	MCM	BMP Goal Selected	Measurement Method	Responsibility	% Complete	Comments
YEAR 2	MCM 6	Street sweeping to reduce floatables.	# of cleanings per year	Public Works	100%	Street Sweeper has made 10 complete circuits through out the city street system. This includes additional sweeping of 15 lane miles of Highway 76 Country Blvd in between the Missouri Department of Transportaion sweeping at least once a week.
	MCM 1	The biennial Business and Community Survey will be updated to include questions regarding stormwater issues.	Survey distributed and # of responses	Human Resources	100%	Results collected
	MCM 2	The biennial Business and Community Survey will be updated to include questions regarding stormwater issues.	Survey distributed and # responses	Human Resources	100%	Results collected
	MCM 3	Complete additional 20% of mapping of total storm sewer system.	# Elements mapped	GIS, Public Works	100%	Complete
	MCM 3	City ordinance prohibiting non-stormwater discharges into storm sewer system presented to Council for consideration.	Ordinance enacted	Board of Aldermen	100%	Ordinance in process of being adopted

City of Branson Best Management Practices by Year

Year	MCM	BMP Goal Selected	Measurement Method	Responsibility	% Complete	Comments
YEAR 2						
	MCM 3	Provide stormwater education/training to 20% of employees in Engineering, Public Works, Fire, Police, Parks Utilities & Planning Depts.	# Employees trained	Public Works	100%	30 employees trained in BMP's
	MCM 4	Review of model construction site runoff control ordinances.	Review completed	Public Works, Planning	100%	Multiple ordinances reviewed
	MCM 5	Prepare a model ordinance designed to regulate and enforce post-construction strategies in new and redevelopment projects.	Review completed	Engineering/ Consultant/ Legal/\$\$\$	100%	Draft complete and distributed to other departments
	MCM 5	Evaluate potential non-structural BMP ordinances such as codes, policies, green parking lots, swales, open space requirements, or stream buffers.	Evaluation performed	Engineering, Public Works and Planning	100%	Evaluation complete
	MCM 5	Present a draft stream buffer plan for review by other city departments.	Draft completed	Engineering/ Public Works and Planning	100%	Draft complete and distributed to other departments
	MCM 5	A neighborhood newsletter will include articles on stormwater and water quality topics.	Newsletter developed and distributed	Planning		No longer distributed
	MCM 6	Development of an operation and maintenance program will be completed by various City Departments.	Program developed	All Depts.	100	City Public Works/Garage continues to maintain vehicles.
	MCM 6	20% of city parks, fire, police, public works, planning, utilities and engineering employees will be trained in stormwater BMPs.	# Employees trained	Engineering	100	30 employees trained in BMP's 100 employees total all years
YEAR 3	MCM 1	Post "Healthy Lawns, Healthy Waters" (MARC) video to social media and website.	Link(s) posted	Engineering		

City of Branson Best Management Practices by Year

Year	MCM	BMP Goal Selected	Measurement Method	Responsibility	% Complete	Comments
YEAR 3	MCM 3	Establish a website-based reporting tool for illegal discharges/stormwater reporting and develop a response and reporting system to track complaints.	System developed	Public Works		
	MCM 3	Develop an Outfall Monitoring and Dry Weather Screening Plan.	Plan developed	Public Works		
	MCM 3	Outfall mapping of Roark Creek proper/tertiary channels (i.e. identify stormwater outfalls vs. tributaries).	Length of stream mapped	GIS, Public Works		
	MCM 3	Complete final 20% mapping of storm sewer system.	Mapping completed	GIS, Public Works		
	MCM 3	Provide stormwater education/training to 20% of city employees in Engineering, Public Works, Fire, Police, Planning, Utilities and Parks Depts.	# Employees trained	Public Works		
MCM 4	Draft ordinance authorizing stormwater runoff plan review, inspection, enforcement and ability to impose fees or penalties.	Ordinance drafted and distributed	Public Works, Planning			
MCM 5	Legal counsel will review the recommended non-structural BMP ordinance.	Review completed	Legal Counsel			
MCM 5	Modify the Design Criteria for Public Improvement Projects to include BMP's for stormwater control.	Design Criteria modified	Engineering			
MCM 5	Select educational materials on watershed protection to provide to engineering firms and developers. Materials will be selected and disseminated through the Administrative Review Team (ART) by the end of the fourth year of the permit. Materials will also be posted on city website.	Materials disseminated & posted to website	Engineering/ Public Works			

City of Branson Best Management Practices by Year

Year	MCM	BMP Goal Selected	Measurement Method	Responsibility	% Complete	Comments
YEAR 3	MCM 5	Legal counsel to continue review and make recommendations for ordinance to regulate and enforce post-construction strategies for new and redevelopment projects.	Legal review completed	Legal Counsel		
	MCM 5	Establish a website-based reporting tool for illegal discharges and develop a response and reporting system to track complaints.	Reporting form posted to website	Engineering/ Public Works		
	MCM 5	Review the city's existing zoning ordinance to consider incorporating appropriate amendments to the zoning code to provide more green space and buffer zones. The amendments will address maximum impervious surface requirements.	Review completed	Planning		
	MCM 5	Present report for funding mechanisms for review by Board of Alderman.	Presentation to Board	Engineering		
	MCM 5	Legal counsel will review any proposed amendments to the City's zoning ordinance regarding planned development and overlay zones.	Review completed	Legal Counsel		
	MCM 5	Evaluate alternatives to address operation and maintenance for stormwater BMPs and incorporate into stormwater ordinance.	Evaluation completed	Engineering/ Public Works		
MCM 6	Adoption of operation & maintenance program.	O&M program adopted	Public Works			
MCM 6	20% of city parks, police, fire, utilities, public works, planning and engineering employees will be trained in stormwater BMPs.	# Employees trained	Public Works			