

Department of Engineering
Tim Bryan, P.E., County Engineer

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MEMORANDUM

January 28, 2020

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E.
County Engineer

Re: Approval of the 2019 Annual Stormwater Report

The Engineering Department recommends that the Board approve the Annual Report for the county's MS4 Permit with MDEQ.

NPDES Phase II Stormwater Program 2019 Annual Report

**Prepared for:
Madison County, Mississippi**

**Submitted to:
The Mississippi Department of
Environmental Quality
Office of Pollution Control
Environmental Compliance and
Enforcement Division**

January 28, 2020



**ANNUAL REPORT FORM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM
(MS4) GENERAL PERMIT**



GENERAL PERMIT: MSRMS4 0 3 1 . This coverage number must be completed for the referenced MS4 or this form will be considered incomplete and will be returned. The coverage number can be found at the bottom left corner of your Certificate of Coverage.

This report covers MS4 Storm Water Management Program activities occurring during calendar year (type "X" in box next to year):

2009 (Year 1) 2010 (Year 2) 2011 (Year 3) 2012 (Year 4) 2019 (Year 5 – Repeat)

INSTRUCTIONS

Please use this form to satisfy the reporting requirements of ACT7, S-2 of the MS4 General Permit. Use of another form/format or failure to fully complete any section of this Annual Report Form may result in agency review delays or notifications of MS4 non-compliance. If a particular part or section is not applicable to your MS4, fill in as "N/A".

Coverage recipients are encouraged to utilize the electronic version of this form, which allows the data fields in the following tables to be expanded to contain all of the required information. The electronic form is available in the MS4 section of MDEQ's General Permits webpage at: http://www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral

The submittal of the fifth and final Annual Report (due no later than January 28, 2013) shall be deemed to be a notification of the MS4's intent to be covered by the subsequently issued MS4 General Permit, provided the Annual Report is signed by a principal executive officer or ranking elected official according to ACT9, T-5 of this permit.

Do **NOT** include any attachments **EXCEPT** for those specifically requested in this form. Supporting documentation for annual reports should be maintained with the SWMP and should be available for review during periodic MDEQ inspections and audits.

NOTE: 3-RING BINDERS WILL NOT BE ACCEPTED DUE TO LIMITED FILING SPACE AT MDEQ

MS4 INFORMATION

MS4 NAME: Madison County

MS4 MAILING ADDRESS: P.O. Box 608 CITY: Canton ZIP: 39046

MS4 COUNTY: Madison County

PRIMARY LOCAL CONTACT NAME (responsible for storm water program implementation): Tim Bryan, P.E.

CONTACT'S TITLE: County Engineer OFFICE PHONE: (601) 855-5670

E-MAIL ADDRESS (local contact): Tim.Bryan@madison-co.com

SECTION I: SUMMARY OF IMPLEMENTATION ACTIVITIES BY MINIMUM MEASURE AND BEST MANAGEMENT PRACTICE

ACT7, S-2 of the MS4 General Permit requires the coverage recipient is to annually summarize the progress made in implementing the conditions of the permit and the elements of the Storm Water Management Program (SWMP). Complete the following tables for each of the six SWMP minimum measures.

The **Comments** column should contain details regarding the steps that have been taken to implement the BMP. For those BMPs checked as not being in compliance, the **Comments** column should also contain an explanation for the non-compliance and an action plan/schedule for achieving compliance.

A. Public Education:

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Stormwater education for local citizens/developers /engineers & restaurant owners	The County will work hand in hand with local environmental and storm water protection agencies to provide literature and offer presentations and events to improve public awareness of storm water protection issues. The County will provide storm water protection education pamphlets/brochures at the entrances of local restaurants, offices, shops, and other public facilities that can be received by citizens. In addition, local governmental websites and news publications containing similar information will be used to educate the public. Topics may include water conservation practices, lawn and garden activities, proper disposal of household hazardous waste and trash management, and ways to become involved in the storm water program.	X		On-going	Madison County provided information and distributed. Informational flyers are located at local libraries, county buildings, and kiosks at local parks.	Tim Bryan / Madison County Engineering Department
Offer presentations and events to support storm water education for local schools	A minimum of 50% of all school children (grades 2-8) will be educated every 2 years on storm water pollution by providing them with handouts, posters, and live presentations; as well as other media. Topics may include water conservation practices, lawn and garden activities, proper disposal of household hazardous waste and trash management.	X		On-going	The County works with the Madison County Soil and Water Conservation District (MCSWCD) to achieve this goal.	MCSWCD / Tim Bryan / Madison County Engineering Department

SECTION I (continued):

B. Public Involvement:

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Hold public meetings to receive input on the implementation of the program	An annual public meeting will be held to inform the public, including local stakeholders such as developers, on storm water issues. Topics will include the progress of the program, and the following year's planned activities, in addition to the updating of any applicable ordinances.	X		Monthly	The Madison County Board of Supervisors hold bi-monthly meetings where concerned citizens can bring issues before the Board.	Consultant / Tim Bryan / Madison County Engineering Department
Regulate and enforce current ordinance(s) adopted by Madison County. Public input in compliance with/updating of ordinances.	As it is needed to update or develop new ordinances, as well as when implementation becomes an issue, public (including stakeholders such as developers) input will be sought.	X		Current Ordinance was adopted February 2013	Madison County has a current ordinance in place however Madison County is in the process of revising their ordinances and is scheduled to become official in 2020.	Scott Weeks / Tim Bryan / Madison County Engineering Department
Marking of storm drains, stream cleanup and monitoring	Volunteers (or County employees) will gather at regular intervals throughout the permit term to mark storm drains. Volunteers (or County employees) will gather at regular intervals throughout the permit term to clean local streams of debris. Volunteers (or County employees) will also monitor local streams for debris.	X		On-Going	Madison County Road Department (MCRD) employees clean local streams of debris at regular intervals throughout the permit term. MCRD employees also regularly monitor local streams for debris.	Tim Bryan / Madison County Engineering Department

SECTION I (continued):

C. Illicit Discharge Detection and Elimination:

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Storm drainage system map	Continue to develop and update storm drainage system map throughout the permit term.	X		On-going	The Madison County GIS department (Kay Little) enters and collects this information.	Scott Weeks / Tim Bryan / Madison County Engineering Department
Identify illicit connections through dry weather screening/elimination of illicit discharges.	Dry-weather surveys will be conducted to identify non-storm water flows. Once each year's survey is complete, areas with suspicious discharges will be inspected to detect suspected direct connections to the storm water system and identify areas where wastewater might be leaking into adjacent storm drainpipes. When an illegal connection is identified, the County governing body will inform the contractor in writing.	X		On-going 04/24/2019 & 11/08/2019	The Madison County Road Department performs this task. AllenES staff conducted dry weather screenings on 04/24/2019 and 11/08/2019 throughout the county to identify any illicit discharges or cross-connections.	Consultant / Tim Bryan / Madison County Engineering Department
Identify illegal dumping areas	Areas that have been identified by the County as having significant illegal dumping will be identified and signs will be posted stating possible fines for dumping refuse in these areas. County personnel will monitor the areas on a regular basis in order to enforce the measure.	X		On-going 04/24/2019 & 11/08/2019	Planning and zoning as well as code enforcement performs this task throughout the year. Additionally, AllenES staff conducted dry weather screenings on 04/24/2019 and 11/08/2019 to identify any illegal dumping areas.	Consultant / Scott Weeks / Tim Bryan / Madison County Engineering Department
Identify failing septic systems	Septic systems of homes and businesses will be inspected. Those homes and businesses that have systems identified as failing or suspected of failing in the future will be given recommendations on possible corrective actions.	X		On-going	CMC, Bear Creek, and the Pearl River Valley Water Supply District are the wastewater providers in the county. If MCRD employees notice a major issue they will contact a supervisor, so the proper entity can be notified to address the issue.	Scott Weeks / Tim Bryan / Madison County Engineering Department
Inform county employees, the public and businesses on illegal dumping	In coordination with the Public Education/Outreach and Public Involvement/Participation minimum measures, information will be passed along to the above-mentioned parties on the storm water-related hazards associated with illegal dumping and illicit discharges.	X		On-going	Signs will be placed at various, high trafficked creek crossings around the county.	Tim Bryan / Madison County Engineering Department

Ordinance	A County Ordinance has been adopted, prohibiting non-storm water discharges not allowed by the MS4 General Permit into the storm sewer system.	X		Current Ordinance was adopted March 2009	Madison County has a current ordinance in place however Madison County is in the process of revising their ordinances and is scheduled to become official in 2020.	Tim Bryan
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Provide the following information for illicit discharges detected within your MS4 during the reporting period for this Annual Report. Approximately 4 illicit discharges were detected by the County during routine inspections however 40 complaints were received for sediment in the roads.

SECTION I (continued):

D. Construction Site Storm Water Runoff Control:

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Training of County personnel and contractors	All County Road and Engineering Department personnel and contractors that have dealings with storm water related issues will continue to receive educational training on issues related to storm water management.	X		12/18/2019	Paul Lanning with Allen Engineering and Science gave a Presentation to Madison County Employees on 12/18/2019. Fifty-one (51) employees were in attendance. We also held an inspector training for county personnel who inspect active construction sites.	Consultant
Mandatory pre-construction meetings/review of construction plans	Upon submittal of construction plans for approval from the developer's engineers and contractors will be required to meet with County engineer or public works director in order to ensure awareness that they are required to follow storm water management practices, including erosion and sediment control measures. These plans will include consideration for any potential water quality impacts, which will also be reviewed. Also considered under this measure will be any concerns the public may voice relative to any construction activities.	X		On-going	Madison County Engineering Department conducts plan reviews and provides comments to the builders/contractors. The builders/contractors have to address Madison County's comments before the plans will be approved.	Tim Bryan / Madison County Engineering Department
Madison County issued Construction Site Storm Water Runoff Control Site Specific SWPPP	All construction will be required to submit a SWPPP / Erosion and Sediment Control (ESC) Plans prior to commencement of construction. This information will show the location and type of ESC BMPs, including silt fence, straw wattles, hay bales, etc.	X		On-going	The Planning and Zoning Department performs this task.	Scott Weeks / Tim Bryan / Madison County Engineering Department

<p>Periodic Inspections</p>	<p>Local County construction inspectors will fill out periodic inspection reports that have been adopted by the Board of Supervisors. Once completed, the County engineer will advise on any necessary actions that need to be taken and will review these inspection reports. Should any improvements be needed, the contractors will be required to do so within an allotted period of time, and an additional inspection will then be performed. All sites will be periodically inspected, regardless of nature of construction activity, topography, soil characteristics and receiving water quality.</p>	<p>X</p>		<p>On-going</p>	<p>Madison County Engineering Department and in-house inspectors perform this task.</p>	<p>Scott Weeks / Tim Bryan / Madison County Engineering Department</p>
<p>Ordinance</p>	<p>A County Ordinance has been adopted that requires erosion and sediment controls, including enforcement measures.</p>	<p>X</p>		<p>Current Ordinance was adopted February 2010</p>	<p>Madison County has a current ordinance in place however Madison County is in the process of revising their ordinances and is scheduled to become official in 2020.</p>	<p>Scott Weeks / Tim Bryan / Madison County Engineering Department</p>

Provide the following information for construction projects permitted within your MS4 during the reporting period for this Annual Report.

Project Category	Number of Projects	Number and Type of Inspections	Number and Type of Enforcement Actions Taken
Small Construction (1- 5 Acres)	15	Daily inspections during construction (Erosion Control, Roads, Storm drains, Utilities, Detention/Retention)	Number of enforcement actions was not captured by the County. Make sure all erosion control devices are installed and working.
Large Construction (> 5 Acres)	3	Daily inspections during construction (Erosion Control, Roads, Storm drains, Utilities, Detention/Retention)	Number of enforcement actions was not captured by the County. Make sure all erosion control devices are installed and working.

SECTION I (continued):

E. Post-Construction Storm Water Runoff Control:

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Develop a program to maintain structural BMPs	Madison County will maintain a record of the permits issued for development throughout the county. These records will be used to develop an inventory of significant sources and locations that will require monitoring and post-construction runoff control until which time adequate vegetation has been established to insure long-term sedimentation and erosion control.	X		On-going	The Madison County Engineering Department and the Planning & Zoning Department perform this task.	Scott Weeks / Tim Bryan / Madison County Engineering Department
Hold annual Post Construction Field Inspections until all Bonds or Letters of Credit are cleared by Madison County	Develop a database of all Letters of Credit or Bond currently on file with the County. Continue to update database as developments are filed with the County. Hold pre-construction and post-construction meetings to make the stakeholders aware of this requirement.	X		On-going	The Madison County Engineering Department and in-house inspectors maintain files.	Tim Bryan / Madison County Engineering Department
Regulate and enforce the adopted Ordinance in regard to Post Construction Runoff Control	Continue to regulate and enforce the ordinance adopted by the County governing post-construction runoff control. This ordinance includes appropriate structural and nonstructural BMPs approved for the control of storm water runoff. The County should consider any measures necessary to direct growth, protect sensitive areas, maintain or increase open space, provide water body buffers, minimization of impervious	X		On-going	The Madison County Engineering Department perform this task.	Tim Bryan / Madison County Engineering Department

	surfaces after development, minimization of directly connected impervious areas, etc.					
Education for developers/the public	Education on project designs that minimize water quality impacts will be incorporated into the Public Education/Outreach measure.	X		03/05/2019	The County co-sponsored a two (2) hour training seminar on March 5, 2019 at the Jackson Homebuilders Association building located in Ridgeland, Mississippi. Several local builders/developers/construction company representatives were in attendance.	Consultant
Assess Fee	Upon submittal of preliminary plat for approval, Madison County will continue to assess a fee to the developer/builder, which will be used for any necessary maintenance for permanent structural BMPs.	X		On-going	Fees are not assessed to the Developer or Builder for the sole purpose of BMP maintenance.	Scott Weeks / Tim Bryan / Madison County Engineering Department

SECTION I (continued):

F. Pollution Prevention/Good Housekeeping for Municipal Operations:

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Training of County personnel	Develop a pollution prevention workshop for all County employees responsible for grounds maintenance and landscaping at public facilities. Once per year, hold an additional workshop for new employees and crew managers. Topics will also include fleet and building maintenance, new construction, storm water system maintenance and other land disturbances. This will be done through the utilization of materials available from the EPA, the state or other organizations.	X		12/18/2019	Paul Lanning with Allen Engineering and Science gave a Presentation to Madison County Employees on 12/18/2019. Approximately 51 employees were in attendance.	Consultant
Improvements in County Operations	Identify possible improvements where needed in County operations, such as vehicle maintenance and washing, road and bridge maintenance, parking lot and street cleaning, spill prevention and response, hazardous materials storage, handling and disposal, and oil recycling. Specific controls for reducing the storm water impacts of these operations will be considered and adopted by the County, as well as methods to track and oversee maintenance activities, schedules and long-term inspection procedures in order to reduce pollutants to the MS4.	X		On-going/ 04/23/2019	In-house / Paul Lanning with Allen Engineering and Science conducted an environmental audit of the County Road Department Facility to determine if any improvements were needed. A report was created and submitted to the County for review	Consultant / Tim Bryan / Madison County Engineering Department

SECTION II: ASSESSMENT OF THE APPROPRIATENESS OF BMPs

ACT7, S-2(1) of the MS4 General Permit requires the coverage recipient to assess the appropriateness of its BMPs in achieving the identified measurable goals for each of the minimum control measures. List each BMP adopted by the MS4 and rate its appropriateness. For BMPs rated “Inappropriate” or “Minimally Appropriate”, the MS4 should outline proposed changes to the program in Section IV of this form to address the deficiencies.

NOTE: Use the following codes for Minimum Measure ID: Public Education – **PE**; Public Involvement – **PI**; Illicit Discharge Detection and Elimination – **ID**; Construction Site Runoff Control – **CS**; Post-Construction Storm Water Management – **PC**; Pollution Prevention/Good Housekeeping - **PP**

Minimum Measure ID	Best Management Practice	We Consider the Listed BMP Appropriate to the Following Degree			
		Inappropriate	Minimally Appropriate	Good	Superior
PE 1	Stormwater education for local citizens/developers/engineers & restaurant owners			X	
PE 2	Offer presentations and events to support storm water education for local schools			X	
PI 1	Hold public meetings to receive input on the implementation of the program			X	
PI 2	Regulate and enforce current ordinance(s) adopted by the Madison County. Public input in compliance with/updating of ordinances.				X
PI 3	Marking of storm drains, stream clean up and monitoring			X	
ID 1	Storm drainage system map				X
ID 2	Identify illicit connections through dry weather screening/elimination of illicit discharges.				X
ID 3	Identify illegal dumping areas			X	
ID 4	Identify failing septic systems			X	
ID 5	Inform county employees, the public and businesses on illegal dumping			X	
ID 6	Ordinance				X
CS 1	Training of County personnel and contractors				X
CS 2	Mandatory pre construction meetings/review of construction plans				X
CS 3	Madison County issued Construction Site Storm Water Runoff Control Permit			X	
CS 4	Periodic Inspections				X
CS 5	Ordinance				X
PC 1	Develop a program to maintain structural BMPs				X

SECTION III: SUMMARY OF STORM WATER ACTIVITIES PLANNED DURING THE NEXT REPORTING CYCLE

ACT7, S-2(3) of the MS4 General Permit requires the coverage recipient to summarize the storm water activities planned during the next reporting cycle of the permit term. The **Comments** column should contain details regarding the steps that will be taken to further implement the BMP.

NOTE: Use the following codes for Minimum Measure ID: Public Education – **PE**; Public Involvement – **PI**; Illicit Discharge Detection and Elimination – **ID**; Construction Site Runoff Control – **CS**; Post-Construction Storm Water Management – **PC**; Pollution Prevention/Good Housekeeping - **PP**

Minimum Measure ID	Best Management Practice	Measurable Goal	Comments	Responsible Individual (Name or Job Title)
PE 1	Materials for Direct Distribution	A newspaper insert will be drafted and published annually.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PE 2	Development and Presentation of Growth Readiness Training	One presentation annually	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
PE 3	Children’s Outreach Program	The Madison County Soil and Water Conservation District (MCSWCD) implement the stormwater curriculum in select schools within Madison County.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Madison County Soil and Water Conservation District
PE 4	Stormwater Website	Update website annually	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
PI 1	Stormwater Task Force Meetings	Hold a minimum of 2 meetings annually.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
PI 2	Participation in Annual Cleanup Events	Organize and host at least one annual cleanup event.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PI 3	Stream/Park Cleanup	Organize and host at least one volunteer stream/park clean-up event annually.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
ID 1	Ordinance Review	Evaluate, and if necessary, modify the existing ordinance.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
ID 2	County Employee Training - Illicit Discharges	Educate county employees on identifying and preventing illicit discharges within the County.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
ID 3	Outfall Mapping Program	The County will maintain an updated inventory and map showing any outfalls and revise and update as necessary.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant

ID 4	Dry-Weather Screening Inspections	The County will ensure dry-weather screening inspections occur and will document and address any illicit discharges noted during these inspections.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
CS 1	Ordinance Review	Enforcement of the County's E&S control ordinance on all applicable construction activities. The County will evaluate, and if necessary, modify the existing Soil Erosion and Sedimentation Control Ordinance as needed.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant / Planning and Zoning
CS 2	Contractor/Developer Training	The County will hold an annual training session for local developers and contractors. The County will keep track of stop work orders due to failing E&S practices.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
CS 3	Erosion and Sediment Control Standards	Review ordinances and update as necessary to highlight the updated MDEQ E&S document.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
CS 4	Site Plan Review Processes	Review all site plans per the approved local ordinances to ensure compliance.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
CS 5	Construction Site Inspections	Implement the approved construction site inspection procedures described in the SWMP. Construction site inspection will be conducted routinely on all active construction sites.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Building and Permits
CS 6	Inspection Staff Training	Educate County inspectors on identifying and preventing erosion and sediment control failures on construction sites.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
CS 7	County's Complaint Portal	Timely response and resolution to all citizen complaints related to E&S control violations. In most cases, the County will respond to complaints within 5 business days.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Planning and Zoning

PC 1	Post-Construction Ordinance Review	The County will periodically evaluate, and if necessary, modify the existing ordinance to best accomplish the goal of protecting receiving waters from the negative effects of urban stormwater runoff.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant / Planning and Zoning
PC 2	Post-Construction BMP Inventory	A complete and accurate inventory of all post-construction stormwater, both public and private, management structures within the jurisdiction. The County will update the inventory as new structures are added or existing structures are identified.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PC 3	Post-Construction Correspondence	A copy of the document sent to owners/operators as well as a record of who the document was sent to will be kept on file.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PC 4	Post-Construction Controls Maintenance Agreements	A copy of the document sent to owners/operators as well as a record of who the document was sent to will be kept on file. Total number of maintenance agreements will be provided in each annual report.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PC 5	Post-Construction Site Inspections	The County will provide documentation of the inspections conducted during the reporting period in each annual report, to include any compliance and/or enforcement activities resulting from inspections.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PC 6	Green Infrastructure/ Low Impact Development Structures	An accurate and up to date inventory of all GI/LID structures will be maintained at all times.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PC 7	Hydrology Standards	The County will require that all potential developers submit hydrology calculations with their designs.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager

PC 8	Design Standards	The County will require that all potential developers submit designs that conform to the County's Site Design Standards once they are established.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PP 1	Development of Spill Prevention and Response Plans	The County will prepare spill prevention and response plans and make sure the contents of the plan are followed by County employees.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
PP 2	Pollution Prevention Training for County Employees	Implement the employee training program specified in the SWMP.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager / Consultant
PP 3	Routine Maintenance	The county will conduct routine maintenance and housekeeping of public assets on a regular basis to ensure that these assets do not contribute to stormwater impairment. Routine maintenance and good housekeeping also ensure the safety of public employees and the general public.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PP 4	Waste Disposal	To track disposal of waste collected from the MS4 during the applicable plan year.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PP 5	New Flood Management Projects	The County will ensure that all proposed flood management projects are assessed for water quality impacts during the design phase.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PP 6	Existing Flood Management Projects	The County will conduct an assessment of 100% existing publicly-owned flood management projects for potential retrofitting to address water quality impacts in accordance with the procedures in the SWMP prior to the permit period.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager
PP 7	County Operations	Conduct inspections on 100% of the county facilities each year during the 5-year permit term.	Changed based on new Storm Water Management Plan	County Engineer/Road Manager

SECTION V: CONTROL MEASURES PLANNED/IMPLEMENTED TO ADDRESS WASTELOAD ALLOCATIONS

ACT7, S-2(12) of the MS4 General Permit requires the coverage recipient to document all control measures being planned or implemented that may address the Wasteload Allocations (WLA) provisions of a Total Maximum Daily Load (TMDL) established for impaired receiving stream segments within the MS4 (if it is found that the MS4 must implement specific WLA provisions of a TMDL). The general permit also requires the MS4 to include an implementation schedule for all planned controls.

Approved TMDL / Water Body Name / Pollutant of Concern	Best Management Practice	Wasteload Allocation Details	Implementation Schedule
Big Black River / ID – 107811 / pH (TMDL Priority – High)	The County will focus a portion of the Public Outreach BMPs on addressing this issue.	N/A	2019-2020
Hobuck Creek / ID – 105511 / Biological Impairment (TMDL Priority – Low)	The County will focus a portion of the Public Outreach BMPs on addressing this issue. Biological Impairment is most likely the result of sedimentation from new construction, agricultural practices, and/or clear cutting. Educational brochures will be created and distributed to the public.	N/A	2019-2020
Little Bear Creek / ID – 105712 / Biological Impairment (TMDL Priority – Low)	The County will focus a portion of the Public Outreach BMPs on addressing this issue. Biological Impairment is most likely the result of sedimentation from new construction, agricultural practices, and/or clear cutting. Educational brochures will be created and distributed to the public.	N/A	2019-2020
Persimmon Creek / ID – 106311 / Biological Impairment (TMDL Priority – Low)	The County will focus a portion of the Public Outreach BMPs on addressing this issue. Biological Impairment is most likely the result of sedimentation from new construction, agricultural practices, and/or clear cutting. Educational brochures will be created and distributed to the public.	N/A	2019-2020
Rambo Creek / ID – 103912 / Biological Impairment (TMDL Priority – Low)	The County will focus a portion of the Public Outreach BMPs on addressing this issue. Biological Impairment is most likely the result of sedimentation from new construction, agricultural practices, and/or clear cutting. Educational brochures will be created and distributed to the public.	N/A	2019-2020

SECTION VI: OTHER INFORMATION (type “X” in all boxes that apply)

- During this reporting period, the MS4 has collected and analyzed monitoring data as part of its SWMP implementation (attach copies).
- During this reporting period, the MS4 relied on another government agency to satisfy some of its permit obligations (attach description of the SWMP components being delegated and a copy of the legal agreement between the MS4 and the implementing entity).

SECTION VII: REPORT CERTIFICATION AND SIGNATURE

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I also certify that the MS4 for which I am responsible has in effect, an accurate and up to date MS4 Notice of Intent (NOI) and Storm Water Management Plan (SWMP). I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature¹

Gerald Steen

Printed Name

01/ /2020

Date

Board President

Title

¹This report shall be signed according to the ACT9, T-5 and T-6 of the MS4 General Permit.

**Please submit this form to: Chief, Environmental Compliance and Enforcement Division
MDEQ, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225**

Revision: 11/02/09