BOARD OF SUPERVISORS

MADISON COUNTY, MISSISSIPPI

Department of Engineering Tim Bryan, P.E., PTOE, County Engineer 3137 South Liberty Street, Canton, MS 39046 Office (601) 855-5582 FAX (601) 859-5857

MEMORANDUM

January 27, 2025

To: Casey Brannon, 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., PTOE

County Engineer

Re: 2024 Annual Report of NPDES Phase II Stormwater Program

Allen Engineering and Science

The Engineering Department is requesting the Board accept the 2024 Annual Report of the NPDES Phase II Stormwater Program for Madison County as prepared by Allen Engineering and Science. It is also requested that the Board authorize Board President to sign the document and submit it to MDEQ.

NPDES Phase II Stormwater Program 2024 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, 2024





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



GENERAL PERMIT: MSRMS4 $\frac{0}{1}$ $\frac{3}{1}$. This coverage number must be completed The coverage number can be found at the bottom left corner of your Certificate of Coverage.	for the referenced MS4 or this form will	be considered incomplete and will be returned.									
This report covers MS4 Storm Water Management Program activities occurring during calendar year (type "X" in box next to year):											
2021 (Year 1) 2022 (Year 2) 2023 (Year 3) X 2024 (Year 4) 2025 (Year 5 – Repeat)											
INSTRUC	TIONS										
Please use this form to satisfy the reporting requirements of ACT7, S-2 of the MS4 General Pe Report Form may result in agency review delays or notifications of MS4 non-compliance. If a											
Coverage recipients are encouraged to utilize the electronic version of this form, which allows information. The electronic form is available in the MS4 section of MDEQ's General Permits											
The submittal of the fifth and final Annual Report (due no later than January 28, 2013) shall l MS4 General Permit, provided the Annual Report is signed by a principal executive officer or											
Do <u>NOT</u> include any attachments <u>EXCEPT</u> for those specifically requested in this form. Supposhould be available for review during periodic MDEQ inspections and audits.	orting documentation for annual reports	should be maintained with the SWMP and									
NOTE: 3-RING BINDERS WILL NOT BE ACCEPTE	D DUE TO LIMITED FILING SPACE A	T MDEQ									
MS4 INFOR	MATION										
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): Timothy.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? Yes No		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
BMP #1 Materials for Direct Distribution	A newspaper/magazine insert will be drafted and published annually	X		06/19/2024	On Wednesday, June 19, 2024, Michael Simmons ran a news story in the Madison County Journal titled "Drainage issues plaguing Deerfield". The article brought attention to new home construction causing drainage issues to existing homeowners in nearby subdivisions. This issue was also brought before the Board of Supervisors. Solutions were put into place to address the drainage issues. The County also has various documents on the county website at https://www.madison-co.com/county-departments/road-department/storm-water-info for the public to view.	County Engineer
BMP #2 Development and Presentation of Growth Readiness Training	Qualified County staff or qualified consultant will conduct one presentation annually to the Board of Supervisors	X		11/04/2024	Paul Lanning, RLA with Allen Engineering and Science gave a presentation to the Board of Supervisors on November 4, 2024, at 9:00 am. Stormwater issues were presented and discussed.	County Engineer / Consultant

BMP #3 Children's Outreach Program	Work with the Madison County Soil and Water Conservation District to continue implementing stormwater programs in select schools within the County	X	Throughout the 2024 Plan Year	The County works with the Madison County Soil and Water Conservation District (MCSWCD) to achieve this goal.	County Engineer / Madison County Soil and Water Conservation District
BMP #4 Stormwater Website	Update website annually	X	12/30/2024	The County has a Storm Water Informational page on the County's website (https://www.madison-co.com/county-departments/road-department/storm-water-info). No changes were needed this year.	County Engineer / Consultant

SECTION I (continued): B. Public Involvement:

Best Management Practice	Measurable Goal	In Com	pliance?	Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
BMP #1 Storm Water Task Force Meetings	Hold a minimum of two (2) meetings annually	X		Semi-Annually (04/04/2024 and 9/11/2024)	The County holds routine meetings where stormwater issues are discussed while more specific meetings were held on April 4 and September 11 of the 2024 plan year.	County Engineer / Consultant
BMP #2 Participation in Annual Cleanup Events	Organize and host at least one annual cleanup event	X		03/23/2024	Madison County partnered with the City of Madison and City of Ridgeland to hold the Household Hazardous Waste Day on Saturday March 23, 2024. The event was held at Madison Central High School and ran from 8:00 a.m. until 12:00 a.m. The event was free to residents of Ridgeland, Madison and Madison County.	County Engineer
Stream/Park Cleanup	Organize and host at least one volunteer stream/park clean-up event annually	Х		Throughout the 2024 Plan Year	Madison County partnered with the Madison County Detention Facility who provided inmates to help cleanup County parks such as Am Rogers Park located in Canton.	Parks Director / Consultant

C. Illicit Discharge Detection and Elimination:

	rge Detection and Elimination:					
Best Management	Measurable Goal	In Com	pliance?	Date Completed (If not, date to be	Comments	Responsible Individual
Practice	Wiedsur ubie Gour	Yes	No	completed)	Comments	(Name or Job Title)
BMP #1 Ordinance Review	The County will review the ordinance annually to evaluate the success of the existing ordinance.	X		2025	In 2022 a DRAFT Illicit Discharge Ordinance was prepared. In 2025 the County plans to update the Subdivision Regulation Ordinance and the Illicit Discharge language will be included to meet this requirement. Once the Subdivision Regulations are finalized, the ordinance will go before the Board of Supervisors for Approval.	County Engineer / Consultant
BMP #2 County Employee Training - Illicit Discharge	Annually educate County employees on identifying and preventing illicit discharges within the County.	X		12/11/2023	The County held a training session on December 11, 2023 highlighting stormwater issues for forty-three (43) employees. This training presentation covered Illicit discharges, SWPPP components and SPCC elements. The County will conduct this training towards the end of 2025, once the new Storm Water General Permit is issued to ensure the most up-to-date guidance is presented.	County Engineer / Consultant
BMP #3 Outfall Mapping Program	The County will maintain a map showing outfalls related to major streams.	X		Throughout the 2024 Plan Year	The Madison County GIS department enters and collects this information.	County Engineer / Consultant
BMP #4 Dry-Weather Screening Inspections	The County will conduct semi-annual dry weather screening inspections as well as informal inspections throughout the reporting year and will document and address any illicit discharges noted during these inspections.	X		Throughout the 2024 Plan Year 04/04/2024 & 11/25/2024	The Madison County Road Department performs this task throughout the year. AllenES staff conducted dry weather screenings on 04/04/2024 and 11/25/2024 throughout the county to identify any illicit discharges.	County Engineer / Consultant

Provide the following information for illicit discharges detected within your MS4 during the reporting period for this Annual Report. Approximately <u>0</u> illicit discharges were detected by the County during routine inspections. However, <u>20</u> complaints were received for sediment in the roads.

D. Construction Site Storm Water Runoff Control:

Best Management Practice	Measurable Goal	In Comp Yes	oliance? No	Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
BMP #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 annually.	X		Annually	The Madison County Engineering Department perform this task.	County Engineer / Consultant / Planning and Zoning
BMP #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.	Х		10/23/2024	The County held a joint contractor/developer training on 10/23/2024 from 9:00 am to 11:00 am at the City of Ridgeland's City Hall. The training was held in conjunction with numerous City's in the Jackson Metro Area. A total of nineteen (19) contractors / developers / consultants attended the training.	County Engineer / Consultant
BMP #3 Erosion and Sediment Control Standards	Review Erosion and Sediment Control standards and update, as necessary, to highlight the updated MDEQ E&S document.	X		Annually	The Madison County Engineering Department perform this task.	County Engineer / Consultant
BMP #4 Site Plan Review Processes	Conduct site plan review on applicable site plans to ensure compliance with the approved County ordinances.	X		Throughout the 2024 Plan Year	Madison County Engineering Department conducts plan reviews and provides comments to the builders/contractors. The builders/contractors must address Madison County's comments before the plans will be approved.	County Engineer / Building and Permits

BMP #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.	X	Throughout the 2024 Plan Year	Madison County Engineering Department and in-house inspectors perform this task throughout the year on active construction sites.	County Engineer / Building and Permits
BMP #6 Inspection Staff Training	Educate County inspectors on identifying and preventing erosion and sediment control failures on construction sites.	X	Last training held on 12/11/2023	The County held a training session on December 11, 2023 for seven (7) employees at the County Road Department. Inspection procedures for construction sites and best management practices were covered. Also, changes to the Large Construction Permit were covered and discussed. The staff has been trained for numerous years on these topics. The County will conduct this training towards the end of 2025, once the new Storm Water General Permit is issued to ensure the most up-to-date guidance is presented.	County Engineer / Consultant
BMP #7 County's Complaint Portal	Respond to all citizen complaints related to E&S control violations. In most cases, the County will respond to complaints within two (2) weeks.	X	Throughout the 2024 plan year.	The County received 20 complaints during the 2024 plan year. 20 complaints were resolved within (2) weeks.	County Engineer / Road Manager / Planning and Zoning

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)	<u>25</u>	Daily inspections during construction (Erosion Control, Roads, Storm drains, Utilities, Detention/Retention)	The County ensures all erosion control devices are installed and working. No official enforcement actions were issued by the County although verbal warnings were issued but these warning are not captured by the County. All contractors/developers are notified should an erosion and control measure not be up to code and are required to bring said measure up to code prior to work/inspections to continue.
Large Construction (> 5 Acres)	7	Daily inspections during construction (Erosion Control, Roads, Storm drains, Utilities, Detention/Retention)	The County ensures all erosion control devices are installed and working. No official enforcement actions were issued by the County although verbal warnings were issued but these warning are not captured by the County. All contractors/developers are notified should an erosion and control measure not be up to code and are required to bring said measure up to code prior to work/inspections to continue.

E. Post-Construction Storm Water Runoff Control:

Best Management		In Comp		Date Completed (If not, date to		Responsible Individual
Practice	Measurable Goal	Yes	No	be completed)	Comments	(Name or Job Title)
BMP #1 Post- Construction Ordinance Review	The County will annually evaluate, and if necessary, modify the existing ordinance to best accomplish the goal of maintaining post-construction BMP's and protecting receiving waters from the negative effects of urban stormwater runoff.	X		On-going	The Madison County Engineering Department perform this task.	County Engineer / Planning and Zoning / Consultant
BMP #2 Post- Construction BMP Inventory	An inventory of all post- construction stormwater management structures, both public and private, within the county limits. The County will update the inventory as new structures are added or existing structures are identified.	Х		Throughout the 2024 plan year.	The County has mapped the inventory of known post-construction BMP's in GIS and updates the database as new infrastructure is added or as existing structures are identified.	County Engineer
BMP #3 Post- Construction Correspondence	Send owners/operators of Post-Construction BMPs a copy of the document in order to ensure responsible parties are aware of the maintenance needs. 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.	X		Throughout the 2024 Plan Year	The County has provided a maintenance guide, in the form of an informative 7-page packet, on the County's website at https://www.madison-co.com/county-departments/road-department/storm-water-info . Additionally, the County Engineer sent the maintenance guide to the head of the Madison County Homeowner's Association who distributed the packet to the various HOA's in the County.	County Engineer
BMP #4 Post- Construction Site Inspections	The County will inspect post- construction sites on county- owned property and will require, through ordinance, owners of post-construction BMPs on private property to inspect said controls on an annual basis.	Х		Annually	The Madison County Engineering Department perform this task.	County Engineer

BMP #5 Design Standards	The County will develop the site design standard manual	X	2024 Plan Year	A rough draft of the design standard document has been prepared but has not been finalized at this time. The County/AllenES consultant is waiting on the reissuance of the MS4 General Permit by MDEQ to ensure the design standard	County Engineer
				is in alignment with the new Permit.	

E. Post-Construction Storm Water Management in New Development and Redevelopment (continued):

Provide the location and type of post-construction management practices installed at new development and redevelopment projects within your MS4 during the reporting period for this Annual Report. Location description should include the subdivision/project name, along with a physical address, latitude/longitude coordinates or site directions.

Location of Post-Construction Management Practice	Type of Management Practice (i.e., detention basin, manufactured system, etc.)
Yandell Farms of Sheffield, Part	Detention Basin / 32.51658°, -90.018314°
Madisonville, Phase 1	Detention Basin

SECTION I (continued): F. Pollution Prevention/Good Housekeeping for Municipal Operations:

Best Management		In Comp	oliance?	Date Completed (If not, date to		Responsible Individual
Practice	Measurable Goal	Yes	No	be completed)	Comments	(Name or Job Title)
BMP #1 Spill Prevention and Response Plans	The County will develop/revise spill prevention and response plans and make sure the contents of the plan are followed by County employees	X		2022	The county prepared a Stormwater Pollution Prevention Plan (SWPPP) for the Road Department Facility during the 2022 plan year.	County Engineer / Road Manager
BMP #2 Pollution Prevention Training for County Employees	Conduct the employee training program specified in the SWMP.	X		Last training held on 12/11/2023	The County held a training session on December 11, 2023 highlighting stormwater issues for forty-three (43) employees. This training presentation covered Illicit discharges, SWPPP components and SPCC elements. The staff has been trained for numerous years on these topics.	Consultant / Tim Bryan / Madison County Engineering Department
BMP #3 Routine Maintenance	The County will conduct routine maintenance activities of public infrastructure to ensure that these infrastructure elements do not contribute to stormwater pollution.	X		Monthly during the 2024 Plan Year	The road department conducted routine maintenance of the stormwater conveyance systems and public road infrastructure throughout the County during 2023.	County Engineer / Road Manager
BMP #4 Waste Disposal	Track waste collected and disposed from the MS4 during the applicable plan year.	X		Throughout the 2024 plan year.	The County collected and disposed of approximately 843 tons of waste during 2024. Waste Management collected 18,505.49 tons of waste during 2024.	County Engineer
BMP #5 New Flood Management Projects	The County will review all proposed flood management projects during the design phase to assess the project for potential water quality impacts.	X		Throughout the 2024 plan year.	The County contracted with Waggoneer Engineering who conducted a Comprehensive County Wide Drainage Study that identified several projects/needs throughout the County in	County Engineer
BMP #6 Existing Flood Management Projects	The County will assess two (2) existing County-owned flood management projects per year for the potential for retrofitting each site to better address water quality impacts for the 5-year permitting cycle.	Х		Throughout the 2024 plan year.	2021. From this study, the county has received federal funding in the amount of 23.5 million dollars to implement stormwater improvement projects throughout the county. The County worked on the following Stormwater/Drainage Improvement projects during 2024:	County Engineer
BMP #7 County Operations	Conduct inspections of each county facility each year during the 5-year permit term	X		04/04/2024	Paul Lanning, RLA, with Allen Engineering and Science conducted an inspection of the Road Department Facility on April 4, 2024, and submitted a report to the County for review.	County Engineer

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		We Consider the Listed BMP Appropriate to the Following Degree			
Measure			Minimally		
ID	Best Management Practice	Inappropriate	Appropriate	Good	Superior
PE 1	Materials for Direct Distribution		•	X	•
PE 2	Development and Presentation of Growth Readiness Training			X	
PE 3	Children's Outreach Program			X	
PE 4	Stormwater Website			X	
PI 1	Storm Water Task Force Meetings			X	
PI 2	Participation in Annual Cleanup Events				X
PI 3	Stream/Park Cleanup			X	
ID 1	Ordinance Review				X
ID 2	County Employee Training – Illicit Discharges				X
ID 3	Outfall Mapping Program			X	
ID 4	Dry Weather Screening Inspections				X
CS 1	Ordinance Review			X	
CS 2	Contractor/Developer Training				X
CS 3	Erosion and Sediment Control Standards			X	
CS 4	Site Plan Review Processes				X
CS 5	Construction Site Inspections				X
CS 6	Inspection Staff Training				X
CS 7	County's Complaint Portal			X	
PC 1	Post-Construction Ordinance Review			X	
PC 2	Post-Construction BMP Inventory			X	
PC 3	Post-Construction Correspondence			X	
PC 4	Post-Construction Site Inspections			X	
PC 5	Design Standards			X	

Minimum		We Consider the Listed BMP Appropriate to the Following Degree			
Measure			Minimally		
ID	Best Management Practice	Inappropriate	Appropriate	Good	Superior
PP 1	Development of Spill Prevention and Response Plans		-	X	-
PP 2	Pollution Prevention Training for County Employees				X
PP 3	Routine Maintenance			X	
PP 4	Waste Disposal			X	
PP 5	New Flood Management Projects			X	
PP 6	Existing Flood Management Projects			X	
PP 7	County Operations				X
		1			i

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)
12	Z COO I ZUMA SOMO ON Z Z WOODO	TITOWAL WATER COMP		(1,0000 01 000 11010)

SECTION IV: PROPOSED CHANGES TO THE STORM WATER MANAGEMENT PROGRAM

ACT7, S-2(4) and (5) of the MS4 General Permit require the coverage recipient to report proposed changes to BMPs or identified measurable goals that apply to the SWMP program elements. The MS4 should also include changes to address any BMPs listed as "Inappropriate" or "Minimally Appropriate" in Section II or this form.

The **Comments** column should contain details regarding the measurable goals to implement the BMP, a schedule of implementation and an indication if this is a new BMP being proposed.

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	Previous Measurable Goal	Proposed New Measurable Goal	Comments	Responsible Individual (Name or Job Title)

SECTION V: CONTROL MEASURES PLANNED/IMPLEMENTED TO ADDESS 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		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	2024-2025
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	2024-2025
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	2024-2025
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	2024-2025
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	2024-2025

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).			

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ttachments were prepared under my direction or supervision in accordance with a ly gathered and evaluated the information submitted. Based on my inquiry of the ons responsible for gathering the information, the information submitted is, to the nplete. I also certify that the MS4 for which I am responsible has in effect, an Storm Water Management Plan (SWMP). I am aware that there are significant ossibility of fine and imprisonment for knowing violations.
01 / / 2025
Date
Board President
t

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