

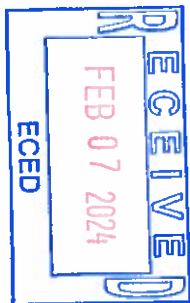


2023 City of Jackson's
Municipal Separate Storm Sewer System (MS4)
Permit Number MSS049786

Prepared for:
Mississippi Department of Environmental Quality

Prepared by:
City of Jackson, Mississippi

January 28, 2024





Office of the Mayor

200 South President Street
Post Office Box 17
Jackson, Mississippi 39205-0017

Chokwe Antar Lumumba
Mayor of the City of Jackson

January 28, 2024

Ruth Recinos, P.E., Stormwater Branch Manager
Office of Pollution Control
Environmental Permit Division
515 East Amite Street
P.O. Box 2261
Jackson, Mississippi 39225

RE: City of Jackson's 2023 MS4 Annual Report

Dear Ms. Recinos:

The City of Jackson submits with this letter the 2023 Annual Report for the City of Jackson's Municipal Separate Storm Sewer System (MS4), Permit No. MSS049786.

Sincerely,

Chokwe Antar Lumumba, Mayor

Cc: Robert Lee, P.E., Engineering Division Manager
Terry Williamson, Esq. Consent Decree Manager

**ANNUAL REPORT FORM
CITY OF JACKSON
MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
PERMIT NO. MSS049786**



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

2023 (Year 12)

2024 (Year 13)

2025 (Year 14)

2026 (Year 15)
(see page 17)

2027 (Year 16)

INSTRUCTIONS

Please use this form to satisfy the reporting requirements of ACT6, ACT7 and ACT9 of the MS4 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.

The City is 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 Year 4 Annual Report (due no later than January 28, 2015) shall be deemed to be the principal reapplication document, provided the Annual Report is signed by a principal executive officer or ranking elected official according to ACT10 of Permit No.MSS049786.

Do **NOT** include any attachments **EXCEPT** for those specifically requested in this form or in the MS4 permit. Examples of specifically requested attachments include monitoring results and summaries of water quality standards violations. Supporting documentation for annual reports should be maintained with the SWMP and should be available for review during periodic MDEQ inspections and audits.

ALL BMPs OF EACH MINIMUM MEASURE MUST BE LISTED IN THE ORDER THEY APPEAR IN THE PERMIT.

MS4 INFORMATION

MS4 NAME: City of Jackson

MS4 MAILING ADDRESS: 219 South President Street

CITY: Jackson

ZIP: 39205

MS4 COUNTY: Hinds Countv

PRIMARY LOCAL CONTACT NAME (responsible for storm water program implementation): Chokwe Antar Lumumba

CONTACT'S TITLE: Mayor

OFFICE PHONE: (601) 960-1084

E-MAIL ADDRESS (local contact): calumumba@city.jackson.ms.us

SECTION I: SUMMARY OF ACT6 BEST MANAGEMENT PRACTICES, MEASURABLE GOALS AND IMPLEMENTATION SCHEDULES

The City must 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			
Distribute Educational Brochures to Targeted Audiences	(A) The City will distribute 300 Storm water Education brochures each year.	X		Annually	Over 450 brochures and pamphlets have been produced and distributed, site plan review meetings (Contractors, Homeowners, Restaurant owners, Landscapers, community clean up events (Great American Cleanup, Pearl River Creek Sweep and door to door placement during storm drain marking activities have been held during 2023 to implement the public education program requirement to targeted audiences.	Public Works Dept. (Storm Water Management Program Staff)
Stormwater Education Through Public Meetings	(B) The City will make presentations to each precinct at least once per year.	X		Ongoing	The City has made presentations in all wards at least three times this year. Special events, C.O.P.S and town hall meetings.	Public Works Dept. (Storm Water Management Program Staff)
Stormwater Website	(C) City employees will review the website and provide necessary updates on an annual basis.	X		Annually	The City's Storm Water Webpage is https://www.jacksonms.gov/stormwater/ Our website provides an overview of the Storm Water Management Program, our Mission and our Storm Water Ordinance.	Public Works Dept. (Storm Water Management Program Staff)
Employee Stormwater Training	(D) Training for employees implementing the program will be conducted annually to ensure they are current on City regulations and pollution prevention methods.	X		Annually	Training has been received by multiple city departments with training given by MDOT and NPDES.	Public Works Dept. (Storm Water Management Program Staff)

Submit Annual Report to MDEQ

(E) The City shall submit an Annual Report in the approved format to MDEQ by the 28th day of each January for the previous calendar year. The report shall include the status of the City's efforts in meeting each measurable goal of this minimum measure listed above.

Measurable Goal	Current Status	Target	Responsible Party	Timeline
1. Reduce greenhouse gas emissions by 10% by 2015.
2. Increase recycling rates to 65% by 2015.
3. Increase energy efficiency in city buildings by 20% by 2015.
4. Increase the use of renewable energy to 15% by 2015.
5. Increase the number of trees planted in the city to 10,000 by 2015.
6. Increase the number of people using public transit to 10% by 2015.
7. Increase the number of people using bicycles to 5% by 2015.
8. Increase the number of people using walking to 10% by 2015.
9. Increase the number of people using carpooling to 5% by 2015.
10. Increase the number of people using public transit to 10% by 2015.

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			
Complaint Reporting (311) System	(A) The City will review and update the 311 section of its website annually.	X		August 2023	The 311 System was updated on the storm water complaint and inspection section.	Public Works Dept. (SWMP Staff) Constituent Services
Storm Drain Marking and Marker Replacement	(B) (C) A minimum of 60 previously unmarked drains shall be marked per year. Inspect approximately 2,200 storm drains marked in previous years and install new markers to replace those that are missing or illegible.	X		Annually	Storm drain markers/stencils was placed on unmarked drains throughout the City of Jackson during 2023 there was a total of 73 markers/stencils placed. These were done by city staff and volunteers during neighborhood cleanups, and anti-litter cleanup projects The Great American Cleanup, Earth Day and MLK Day. We collaborated with Keep Jackson Beautiful with our Storm Drain Marking Program to promote more participation in the program. https://www.keepjacksonbeautiful.com/stormdrains	Public Works Dept. (Storm Water Management Program Staff)
Participate in Community Events	(D) The City and its staff members shall annually sponsor or participate in at least 10 community events related to storm water quality ranging from major events to neighborhood association meetings and community cleanups.	X		Ongoing	The City of Jackson sponsored and participated in various community events, clean ups, creek cleanups and neighborhood cleanup. The City participates through our C.O.P.S. meetings, town hall, neighborhood association meetings, special events and stakeholder events like Pearl River Keeper Creek Sweep 2023.	Public Works Dept. (Storm Water Management Program Staff)
Operate and Promote Environmental Service Center (ESC)	(E) The City will annually hold steady or increase the amount of material recycled by the ESC.	X		Annually	The City continues to offer and promote its Environmental Service Center (ESC). The City promotes recycle and reuse as it offers resalable paint to its constituents. The ESC has recycled 274 drums of hazardous material from 1832 residents.	Public Works Dept. (Storm Water Management Program Staff)
Submit Annual Report to MDEQ	(F) The City shall submit an Annual Report in the approved format to MDEQ by the 28th day of each January for the previous calendar year. The report shall include the status of the City's efforts in meeting each measurable goal of this minimum measure listed above.					

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			
Outfall Inspection and Screening	(A) Dry weather screening of all stream segments on MDEQ's 303(d) list and on identified priority areas results in rapid and effective detection of illicit discharge sources.		X	Annually	The City did not conduct these inspections or screenings during 2023. Due to staffing limitations. The City will seek assistance with this bmp.	Public Works Department
Illicit Discharge Detection and Inspection	(D)(E) The City will respond rapidly to detections and complaints, and increase its effectiveness in detecting, controlling, and containing illicit discharges.	X		Ongoing	The City has responded to and eliminated illicit discharges found or reported. There was a total of 328 investigations done with 326 eliminated. There was (1) one investigation closed and (1) one pending for 2023.	Public Works Dept. JXNWater/ Solid Waste Division Storm Water Management Program Staff
Update Storm Sewer Maps	(B) Storm sewer system maps will remain current, resulting in increased efficiency in inspection and detection procedures.	X		Annually	The City's storm maps are up to date.	Public Works Dept. Storm Water Management Program Staff
Water Quality Sampling of Discharges in Priority Areas	(G) Sampling and water quality analysis will allow the City to determine the source of illicit discharge.		X	Annually	The City did not conduct these inspections during 2023. Due to staffing limitations. The City will seek assistance with this bmp.	Public Works Dept.
Develop benchmark Levels for Analytical Monitoring	(H) The City will have improved criteria to identify and respond to threats to local water quality.	X		Ongoing	The City works in conjunction with the federal mandated 3 rd party administrator (JXNWater) to assist with SSO's and our water treatment system to help identify and alleviate threat to local waters. The City also inspects the city's R.O.Ws. This is also done during the inspections process.	Public Works Dept. JXNWater
City Inspector Training	(I) All City of Jackson inspectors shall be training in proper illicit discharge detection procedures before beginning to conduct field inspections.	X		January 2, 2023, July 11, 2023 and July 13, 2023	Certified Storm Water Inspector Training certifications were received through NPDES, MDOT, EPA websites. All inspectors are certified for 5 years.	Storm Water Management Program Staff

Continue the City-Wide Emergency Program	(J) Responds to chemical spills and leaks should be immediate and properly clean.	X		Ongoing	The City continues to work along with Hinds County and the MEMA, (fire, police and emergency management) to continue its response with the program that is in place.	Fire Dept. Police Dept. Public Works Dept.
Solid Waste Collections at Special Events	(K)(L)(M)(N) Garbage is collected on a routine basis by Waste Management and activities are managed by the Solid Waste Division. The measurable goal is to ensure regular and consistent solid waste collection and to reduce the amount of waste entering landfills through the ESC, Recycling, and composting by 20%.	X		Ongoing	The City's Solid Waste Division monitors consistent waste removal from its right of ways through its inspection program. A less than 24-hour turnaround, resolving constituent complaints through its 311 system. The City also provides educational brochures and encourages usage of its ESC through cleanups, public events and meetings. The City offers this service to everyone in the Jackson metro area to ensure it offers its constituents a centralized location to dispose of their hazardous waste properly.	Public Works Dept. Solid Waste Division Storm Water Management Program Staff
Submit Annual Report to MDEQ	(F) The City shall submit an Annual Report in the approved format to MDEQ by the 28th day of each January for the previous calendar year. This report shall include the status of the City's efforts in meeting the every measurable goal of the minimum measure listed above.					

Provide the following information for illicit discharges detected within your MS4 during the reporting period for this Annual Report.

Number of Illicit Discharges Detected: 328

Number of Illicit Discharges Eliminated: 326

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			
Site Plan Review Processes	(B) The City will ensure all permitted projects undergo Site Plan Review to determine the level of effort necessary to protect subject sites and adjacent properties from stormwater discharges.	X		Annually	The City requires contractors to provide a copy of a N.O.I. and/or Certificate of Permit filed with MDEQ, SWPPP and Erosion & Sediment Control plan listing all BMPs that will be utilized and their placement on said plans	Public Works Dept. Planning and Development Dept. SWMP Staff
Conduct Storm Water Permitting Activities	(C) The City will ensure that all disturbed greater than one acre but less than five acres are issued a Stormwater Permit and that applicant offers proof of MDEQ permit coverage for sites disturbing more than five acres.	X		Annually	The City does this through its site plan review process.	Public Works Dept. Planning and Development Dept. SWMP Staff
Construction Site Stormwater Inspections	(E)(iii) The City shall inspect all projects at site closure to ensure all graded areas have reached final stabilization and temporary control measures are removed.	X		Annually	The City does this through its post construction phase to ensure all approved bmp's being utilized are functioning properly and temporary one are removed.	Public Works Dept. Planning and Development Dept. SWMP Staff
Inspection Staff Training	(G) All personnel that review stormwater management plans will be trained in proper procedures within the first year of beginning the job.	X		January 2, 2023, July 11, 2023, and July 13, 2023	All personnel that review and approve storm water management plans are all trained and certified.	Public Works Dept. Planning and Development Dept. Storm Water Management Program Staff
Annual Review of Stormwater Ordinances	(i) The City's ordinances regulating stormwater activities are current and reflect trends in stormwater management and enforcement.	X		Annually	The City has its Storm Water Ordinance in place and up to date.	Public Works Dept.
Submit Annual Report to MDEQ	(K) The City shall submit an Annual Report in the approved format to MDEQ by the 28th day of each January for the previous calendar year. The report shall include the status of the City's efforts in meeting each measurable goal of this minimum measure listed above.					

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)	105	122 /Site Inspections	0
Large Construction (> 5 Acres)	3	7/Site Inspections	0

SECTION I (continued):

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

Best Management Practice	Measurable Goal	In Compliance?		Date Completed (If not, date to be completed)	Comments	Responsible Individual (Name or Job Title)
		Yes	No			
Post-Construction Maintenance Responsibility	(C) Each permitted post construction management practice in the City of Jackson will be recorded, and documentation of the maintenance responsibility for that practice will be kept on file.		X	Daily	The City is working to increase its workforce to eradicate noncompliance from reoccurring.	Public Works Dept. (Storm Water Management Program Staff)
Proper Design and Installation of BMPs	(E) Address questions and concerns regarding BMP design in Site Plan Review meetings and provide guidance to contractors and developers that ensures final installation occurs correctly.	X		Ongoing	The City ensures that everyone that takes part in the site plan review process receives storm water educational pamphlets relating to proper installation of BMPs. The City's OPENGOV platform is utilized to correspond with contractors and developers. Our CSI's are also available during the inspection process to access and educate.	Public Works Dept. (Storm Water Management Program Staff)
Enforce Penalties for Non-Compliance	(iv) Employ the City's Stop Work Order process to enforce the City of Jackson's Storm water Quality Protection ordinance.	X		Ongoing	The City issued (1) Stop Work Order during 2023. The City enforces this procedure to ensure compliance.	Public Works Dept. (Storm Water Management Program Staff)
Enforce Landscaping Ordinance	(F) The landscaping ordinance shall include and encourage new non- structural BMPs, such as protection of sensitive areas	X		Ongoing	The Landscaping Ordinance is inforce during the site plan review process.	Public Works Dept. Planning and Development Dept. SWMP Team
Structural Control/ BMP Inspection Protocols	(I)Ensure that the City's ordinances regulating storm water activates are current and reflect the most recent trends in storm water management and enforcement.	X		Ongoing	The City is current on training and changes that are passed down by the government	Public Works Dept. (Storm Water Management Program Staff)
Submit Annual Report to MDEQ	(K) The City shall submit an Annual Report in the approved format to MDEQ by the 28th day of each January for the previous calendar year. The report shall include the status of the City's efforts in meeting each measurable goal of this minimum measure listed above.					

SECTION I (continued):

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.)
6701 Richmond Grove Road, Jackson, MS, Trisler Properties, LLC	Detention Pond
1090 McDowell Road, Jackson, MS/ Hinds County Jail	Detention Pond

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			
Develop Operation and Maintenance (O&M) Program	Prevent or reduce pollutant runoff from the City of Jackson's operations, with emphasis on obstructive debris, pesticides, herbicides, fertilizers and landscape debris.	X		Ongoing	Municipal facilities have received an updated SWPPP.	Public Works Dept. (Storm Water Management Program Staff)
Implement BMP's and Municipal Facilities	Obtain proper permits for City facilities. Train City staff to improve housekeeping practices and serve as the front line against storm water pollution.	X		Ongoing	The City continues to promote our pollution prevention and spill response plans.	Public Works Dept. (Storm Water Management Program Staff)
Maintain and Update SWPPP for Municipal Garage	The City of Jackson's Municipal Garage will implement good housekeeping standards for regular maintenance, spill cleanup and disposal to minimize the potential for pollutants to discharge into local waters.	X		Ongoing	The SWPPP for the Municipal Garage had been updated.	Public Works Dept. (Storm Water Management Program Staff)

SECTION III: MONITORING, WATER QUALITY STANDARDS, UNIDENTIFIED WATERBODIES AND EXPENDITURES AND BUDGETS

During this reporting period, has the City collected and analyzed monitoring data as part of the SWMP implementation? YES NO
 If yes, attach copies of the analytical results.

During this reporting period, has the City determined that a water quality standard has been violated? YES NO
 If yes, attach a summary of the date, parameter, nearest sampling station, waterbody and how discovered.

During this reporting period, have any previously unidentified waterbodies receiving storm water discharges been identified? YES NO
 If yes, please identify the waterbody and location.

Please complete the following table to demonstrate that the City's annual budget reflects the projected expenditures for program implementation.

Forecast Year	Annual Projected Expenditures for Forecast Year (dollars)	Budget for Forecast Year (dollars)
2024	\$192,801.00	\$192,801.00

SECTION IV: 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 Storm Water Management Program (SWMP). I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



 Authorized Signature (according to ACT10 of the Permit)

Chokwe Antar Lumumba

 Printed Name

January 28, 2024

 Date

Mayor

 Title

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

