



April 30, 2022

Chief, Environmental Enforcement Section  
Environment and Natural Resources Division  
U.S. Department of Justice  
Box 7611 Ben Franklin Station  
Washington, D.C. 20044-7611  
Re: DOJ No. 90-5-1-1-09841

Brad Ammons  
Environmental Engineer  
Clean Water Enforcement Branch  
Municipal and Industrial Enforcement  
U.S. EPA Region 4  
61 Forsyth Street, SW  
Atlanta, GA 30303

Karl Fingerhood  
Environmental Enforcement Section  
U.S. Department of Justice  
Box 7611 Ben Franklin Station  
Washington, D.C. 20044-7611

Michelle Clark, P.E., BCBE  
Office of Pollution Control  
Environmental Compliance & Enforcement Div.  
P.O. Box 2261  
Jackson, MS 39225-2261

Re: City of Jackson, Mississippi, EPA Consent Decree  
Quarterly Report #36

Dear Lady and Gentlemen:

Please find enclosed the Jackson Consent Decree Quarterly Report #36.

Should you have any questions, or need additional information, please contact me at your earliest convenience.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Jorge".

Jennifer Jorge, Ph.D.  
Program Manager

Enclosure

cc: Honorable Chokwe Antar Lumumba, Mayor  
Marlin King, Director, Public Works Department  
Catoria P. Martin, City Attorney  
Louis P. Wright, Sr., Chief Administrative Officer  
Mary Carter, Deputy Director of Public Works Department  
Terry Williamson, Legal Counsel, Public Works Department  
Public Depository, Eudora Welty Public Library



*The City of*  
**JACKSON**

**QUARTERLY  
REPORT NO. 36**

JANUARY 2022 THROUGH MARCH 2022

Department of Public Works  
Consent Decree Program

*City of Jackson*  
*Wastewater Infrastructure Redevelopment*  
*Program*

**Quarterly Report No. 36**  
**January 2022 through March 2022**

April 30, 2022

**Prepared for:**

City of Jackson  
Department of Public Works  
P.O. Box 17  
Jackson, MS 39205-0017

**Prepared by:**

**WEI/AJA, LLC**  
**143-A LeFleurs Square**  
**Jackson, MS 39211**

# City of Jackson, Mississippi

## Quarterly Report No. 36

### January 2022 through March 2022

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



CPM

Chokwe Antar Lumumba  
Mayor

4/29/2022

Date

Marlin King, Director  
Department of Public Works

Date

# Quarterly Report No. 36

## January 2022 through March 2022

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## **1.0 Introduction**

### **1.1 Consent Decree Overview**

On March 1, 2013, the U.S. District Court for the Southern District of Mississippi entered a Consent Decree (CD) agreed to by the City of Jackson, Mississippi (City), U.S. Environmental Protection Agency (EPA), and the Mississippi Department of Environmental Quality (MDEQ) regarding the City's wastewater collection and treatment system.

One of the ongoing requirements of the EPA Consent Decree is to submit periodic reports to demonstrate continuing compliance. The specific reporting requirements can be found in Section IX ¶ 57 of the Consent Decree. A copy of the Consent Decree, as well as previous reports, can be found on the City of Jackson website, <https://www.jacksonms.gov/departments/public-works-department/> "Waste Water Consent Decree" link in the Document Library. The website can also be accessed directly at <http://www.cojcd.org/>.

### **1.2 Authority to Promulgate**

WEI/AJA, LLC was retained in October 2020 to assist the City in addressing the requirements of the Consent Decree under a Program Management contract. Accordingly, the Program Management team compiled this Quarterly Report from information provided by the City and its contractors to fulfill the requirements of Section IX ¶ 57 (a) set forth in the CD.

The listing and graphical summaries of the SSOs and prohibited bypasses for January 2022 – March 2022 are presented in Section 2 of this report.

## 2.0 Summary of SSOs and Prohibited Bypasses

SSOs are divided into three elements of the wastewater system: the collection system, pump stations, and West Bank Interceptor. Prohibited bypasses at the Savanna Street Wastewater Treatment Facility (SSWWTF), in periods when they occur, are listed in Section 2.4 of this report.

### 2.1 Collection System SSOs

**Table 1** lists SSOs in the collection system from January 2022 through March 2022. Each day of a multiple day event is considered as a separate SSO, in accordance with the Consent Decree.

**Figure 1** shows SSO events by month, as a result of the following reported causes:

Grease    Roots    Solids    Collapsed Pipe    PS Failure    Excessive Flow    Other

Some SSO events had multiple causes. In these instances, each cause was assigned a fractional value, adding up to one (1) for each event.

**Figure 2** shows percentages of collection system SSOs for the quarter by cause.

**Figure 3** shows total volume of collection system SSOs for each month.

**Figure 4** shows total duration of collection system SSOs for each month.

Seventy-two (72) events that occurred at seventy-two (72) locations on private property were reported in this period. The cause of these seventy-two (72) events was determined to be problems on the private laterals and the crews notified residents. Forty (40) of these private property events are ongoing as of the date of this report. These events were reported to MDEQ and are included in this report.

Sixty-two (62) of the private property events occurred at cleanouts in this period. Thirty-two (32) of these events were caused by problems in the City's sewer system and are included in this report.

There were one hundred and forty-two (142) events for which the duration was not determined because the cause, such as collapsed pipe, has not been resolved or no SSO was ongoing but there was evidence of a previous overflow. Eighty-eight (88) of these unresolved events were reported to be caused by grease, roots, or solids. Lack of qualified personnel and equipment has hampered the city's ability to timely resolve routine maintenance issues causing SSOs.

"Previous SSO Follow up" is an SSO for which the cause, i.e. collapsed pipe, excessive flow, etc., was not resolved at the time of the first report and a crew was following up to see if an SSO was occurring until a repair could be made. Once the cause has been resolved, the total durations can be determined and reported. Volumes reported for these events are determined from periodic follow up inspections until the cause has been resolved.

There were five (5) events for which the cause was undetermined, and these will be further investigated. Of these, there were two (2) events where the SSO had stopped before the chasers arrived, and three (3) events where the location will need further investigation in order to

determine the cause. There were seven (7) events for which the estimated volume was not reported. Proper SSO reporting has been covered in two training sessions within this reporting period, and will continue to be covered in future training sessions for the Sewer Maintenance personnel within the Public Works Department.



**Table 1**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
10/18/2019		N Mill St/Livingston St	Constructed Bypass	Ongoing Unresolved	Not Reported	No	NA	0.00	Bypass Pump Failure
12/1/2021		1523 Westhaven Blvd	Ground Surface (defective pipe underground)	Ongoing Unresolved	446,400	Yes	Lynch	0.00	Collapsed Pipe
12/1/2021		510 Briarcliff Cir	Ground Surface (defective pipe underground)	Ongoing Unresolved	2,232,000	Yes	Cany	0.00	Collapsed Pipe
4/29/2020	7:22 PM	354 Iroquois Ave	Constructed Bypass	Ongoing Unresolved	Not Reported	No	NA	0.00	Collapsed Pipe
6/1/2021		5346 Jamaica Dr	Manhole	Ongoing Unresolved	8,820,000	Yes	Hanging Moss	0.00	Collapsed Pipe
11/1/2021		219 Princeton St	Manhole	Ongoing Unresolved	2,649,600	Yes	Lynch	0.00	Collapsed Pipe
12/17/2021	7:53 AM	3317 Rickay Dr	Manhole	Ongoing Unresolved	27,600	Yes	Cany	0.00	Collapsed Pipe
12/1/2021	2:50 PM	2002 Robinson Rd	Ground Surface (defective pipe underground)	Ongoing Unresolved	446,400	Yes	Lynch	0.00	Collapsed Pipe
12/27/2021	8:07 AM	3320 Fleetwood Dr	Ground Surface (defective pipe underground)	31.88	1,000	Yes	Cany	0.00	Collapsed Pipe
4/7/2021		1515 Maria Dr	Manhole	Ongoing Unresolved	6,480,000	No	NA	0.00	Collapsed Pipe
6/4/2021		1849 Parkridge	Collapsed Pipe	Ongoing Unresolved	5,227,200	Yes	Eastover	0.00	Collapsed Pipe
12/18/2021	10:22 AM	3070 Woodside Dr	Ground Surface (defective pipe underground)	Ongoing Unresolved	45,000	Yes	Cany	0.00	Collapsed Pipe
12/26/2022	10:10 AM	3826 Redbud Rd	Ground Surface (defective pipe underground)	Ongoing Unresolved	370	No	NA	0.00	Collapsed Pipe
12/27/2021	8:10 AM	172 East Woodcrest Dr	Manhole	3.67	500	Yes	Cany	0.00	Collapsed Pipe
1/2/2022	10:15 AM	550 Naples Rd	Ground Surface (defective pipe underground)	Ongoing Unresolved	60,000	Yes	Eubanks	0.19	Solids

**Table 1 cont.**  
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Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
1/2/2022	1:20 PM	630 Meadowbrook Rd	Ground Surface (defective pipe underground)	Ongoing Unresolved	60,000	Yes	Eubanks	0.19	Solids
1/2/2022	2:10 PM	1709 Peachtree St	Ground Surface (defective pipe underground)	Ongoing Unresolved	300	No	NA	0.19	Solids
1/4/2022	1:00 PM	102 Cedarhurst	Cleanout	Ongoing Unresolved	760	Yes	Eubanks	0.00	Grease
1/5/2022	2:50 PM	McWillie Cir/Garvin St	Manhole	0.67	300	Yes	Hanging Moss	0.00	Grease
1/6/2022	7:45 PM	366 Cedars of Lebanon Rd	Manhole	Ongoing Unresolved	1,300	Yes	Hanging Moss	0.03	Solids/Collapsed Pipe
1/6/2022	8:05 PM	619 Forest Ave	Other	0.43	15	No	NA	0.03	Bypass Pump
1/6/2022	4:05 PM	2324 Breckenridge Rd	Manhole	0.45	26,000	Yes	Hardy	0.06	Excessive Flow
1/6/2022	10:15 AM	3986 Berkley Dr	Other	0.67	30	No	NA	0.00	Grease
1/11/2022	1:10 PM	1009 Stuart St	Manhole	Ongoing Unresolved	525	Yes	Hardy	0.00	Grease
1/11/2022	10:10 AM	George Washington Dr/Van Buren Rd	Manhole	1.83	20	Yes	Bogue Chitto	0.00	Grease
1/13/2022	6:46 PM	215 Dunbar St	Cleanout	Ongoing Unresolved	570	No	NA	0.00	Excessive Flow
1/13/2022	2:15 PM	645 Ellis Ave	Manhole	1.42	50	Yes	Lynch	0.00	Grease
1/14/2022	9:05 AM	1311 W Pearl St	Manhole	Ongoing Unresolved	500	Yes	Lynch	0.00	Grease
1/14/2022	2:10 PM	910 Monroe St	Manhole	1.25	25	Yes	Belhaven	0.00	Undetermined
1/14/2022	11:15 AM	McTyre Ave/Livingston St	Manhole	1.00	50	Yes	Town	0.00	Grease
1/15/2022	12:20 PM	54 Woodridge Pl	Cleanout	0.52	15	No	NA	0.41	Solids
1/15/2022	11:55 AM	4 Crestwood Pl	Ground Surface (defective pipe underground)	Ongoing Unresolved	510	Yes	Purple	0.41	Grease/Collapsed Pipe

**Table 1 cont.**  
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Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
1/15/2022	3:22 PM	167 Wildwood Cir	Cleanout	Ongoing Unresolved	255	No	NA	0.46	Collapsed Pipe
1/15/2022	9:18 AM	1224 Fairmont Ave	Manhole	Ongoing Unresolved	1,700	No	NA	0.43	Grease
1/15/2022	11:15 AM	1540 Kimwood Cir	Other	0.25	15	No	NA	0.43	Undetermined
1/18/2022	10:15 AM	1034 Meadow Heights Dr	Manhole	2.37	25	No	NA	0.00	Grease
1/18/2022	6:48 PM	4539 Will-O-Wood Blvd	Cleanout	Ongoing Unresolved	210	No	NA	0.00	Solids
1/18/2022	6:10 PM	1027 Woody Dr	Manhole	Ongoing Unresolved	560	No	NA	0.00	Grease, Solids
1/18/2022	10:10 AM	1026 Meadow Heights Dr	Manhole	Ongoing Unresolved	1,225	Yes	Eubanks	0.00	Grease
1/19/2022	12:05 PM	5846 Clubview Dr	Manhole	Ongoing Unresolved	6,200	Yes	Purple	0.99	Collapsed Pipe
1/19/2022	7:10 PM	1013 Trinity St	Ground Surface (defective pipe underground)	Ongoing Unresolved	650	No	NA	1.13	Grease, Collapsed Pipe
1/19/2022	6:40 PM	2430 Bailey Ave	Manhole	Ongoing Unresolved	650	No	NA	1.13	Grease
1/20/2022	9:05 AM	816 Monterey St	Ground Surface (defective pipe underground)	Ongoing Unresolved	48,000	Yes	Three Mile	0.58	Collapsed Pipe
1/20/2022	7:43 AM	1034 Meadow Heights Dr	Cleanout	0.38	150	No	NA	0.69	Solids
1/20/2022	1:33 PM	1264 Wooddell Dr	Cleanout	Ongoing Unresolved	3,600	No	NA	0.58	Grease
1/20/2022	5:20 PM	3353 Martin Luther King Dr	Cleanout	Ongoing Unresolved	600	No	NA	0.57	Grease
1/20/2022	10:50 AM	336 E Bell St	Ground Surface (defective pipe underground)	Ongoing Unresolved	3,600	No	NA	0.69	Solids

**Table 1 cont.**  
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Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
1/20/2022	10:15 AM	1017 J. R. Lynch St	Manhole	Ongoing Unresolved	60,000	Yes	Town	0.66	Solids
1/20/2022	2:25 PM	1027 Madison St	Cleanout	0.63	100	No	NA	0.66	Roots
1/20/2022	11:53 PM	429 Houston Ave	Manhole	Ongoing Unresolved	240	No	NA	0.66	Solids
1/21/2022	1:26 PM	1158 Macon St	Cleanout	Ongoing Unresolved	1,100	No	NA	0.00	Grease
1/21/2022	1:00 PM	1240 Rosehill Cir	Manhole	Ongoing Unresolved	275	Yes	Belhaven	0.00	Collapsed Pipe
1/21/2022	2:30 PM	1423 Woody Dr	Cleanout	Ongoing Unresolved	5,700	No	NA	0.00	Grease
1/23/2022	9:20 AM	500 N Canton Club Cir	Manhole	Ongoing Unresolved	900	Yes	Purple	0.00	Solids
1/24/2022	11:15 AM	1909 Catalina Dr	Cleanout	Ongoing Unresolved	400	Yes	Three Mile	0.13	Grease
1/24/2022	10:19 AM	3227 Charleston Dr	Manhole	0.52	775	Yes	Cany	0.13	Grease
1/24/2022	12:20 PM	823 Primos Ave	Manhole	Ongoing Unresolved	50	No	NA	0.10	Grease
1/25/2022	9:10 AM	W Porter St/Handy Ave	Manhole	0.33	25	Yes	Lynch	0.04	Grease
1/25/2022	11:00 AM	5122 Canton Heights Dr	Manhole	1.50	50	Yes	Hanging Moss	0.22	Grease
1/25/2022	7:05 PM	350 Meadowbrook Rd	Cleanout	Ongoing Unresolved	350	No	NA	0.24	Grease
1/25/2022	1:18 PM	3438 Bailey Ave	Manhole	1.65	100	No	NA	0.24	Collapsed Pipe
1/25/2022	11:05 AM	5140 Canton Heights Dr	Manhole	1.42	175	Yes	Hanging Moss	0.22	Grease
1/27/2022	6:26 PM	5420 I-55 Frontage Rd	Manhole	Ongoing Unresolved	250	No	NA	0.00	Grease, Solids
1/27/2022	7:45 PM	2843 Randolph St	Cleanout	Ongoing Unresolved	150	Yes	Hanging Moss	0.00	Grease
1/28/2022	1:10 PM	1034 Meadow Heights Dr	Cleanout	1.00	30	No	NA	0.00	Grease
1/28/2022	10:40 AM	946 Combs St	Cleanout	Ongoing Unresolved	200	No	NA	0.00	Solids, Collapsed Pipe

**Table 1 cont.**  
**City of Jackson, Mississippi**  
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Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
1/28/2022	1:45 PM	112 Glen Erin St	Manhole	Ongoing Unresolved	1,200	No	NA	0.00	Collapsed Pipe
1/29/2022	2:50 PM	500 N Canton Club Cir	Manhole	0.67	300	No	NA	0.00	Collapsed Pipe
1/29/2022	12:20 PM	Forest Ave/Watkins Dr	Manhole	1.83	18,600	No	NA	0.00	Collapsed Pipe
2/23/2022	8:15 AM	3995 Terry Rd	Other	2.18	150	No	NA	0.28	Collapsed Pipe
2/11/2022	11:37 AM	2566 Williams Ave	Cleanout	3.23	7,200	Yes	Town	0.39	Grease
2/8/2022	10:25 AM	4539 Will O Wood Blvd	Cleanout	1.17	7,200	No	NA	0.00	Excessive Flow
2/1/2022	1:36 PM	1224 Fairmont Ave	Manhole	144.90	700	No	NA	0.00	Grease
2/10/2022	5:43 PM	242 Pimlico Dr	Cleanout	Ongoing Unresolved	19,000	No	NA	0.56	Grease, Solids
2/1/2022	4:23 PM	Monterey St	Manhole	Ongoing Unresolved	100,000	No	NA	0.58	Collapsed Pipe, Solids
2/1/2022	10:35 AM	Houston Ave/Latimer Ave	Manhole	24.08	14,400	No	NA	0.66	Grease
2/7/2022	6:10 PM	504 Cooper Rd	Cleanout	Ongoing Unresolved	158,400	No	NA	0.15	Solids
2/1/2022	8:28 AM	5420 I-55 Frontage Rd	Manhole	219.02	750	Yes	Hanging Moss	0.00	Grease
2/2/2022	11:50 AM	928 Woody Dr	Manhole	1.20	7,200	Yes	Cany	0.00	Grease
2/7/2022	9:29 AM	2838 Kings Rd	Cleanout	Ongoing Unresolved	158,400	No	NA	0.00	Grease
2/3/2022	2:53 PM	2840 Robinson Rd	Other	Ongoing Unresolved	5,200	No	NA	0.00	Collapsed Pipe
2/1/2022	10:46 AM	238 Princeton St	Manhole	Ongoing Unresolved	223,200	No	NA	0.00	Grease
2/14/2022	4:15 PM	552 W Northside Dr	Cleanout	0.07	10	No	NA	0.00	Solids
2/9/2022	8:10 PM	1225 Blair St	Cleanout	Ongoing Unresolved	650	No	NA	0.12	Grease, Solids
2/18/2022	10:47 AM	4202 Oakmont Dr	Manhole	1.50	75	Yes	Lynch	0.00	Grease
2/7/2022	7:33 PM	515 Buena Vista Ave	Ground Surface (defective pipe underground)	Ongoing Unresolved	660	Yes	Lynch	0.00	Collapsed Pipe

**Table 1 cont.**  
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Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
2/7/2022	10:32 AM	217 Galvez St	Cleanout	Ongoing Unresolved	158,400	Yes	Lynch	0.00	Undetermined
2/21/2022	12:00 PM	407 S Prentiss St	Cleanout	0.13	30	No	NA	0.57	Solids
2/7/2022	5:15 PM	3189 Monticello Dr	Ground Surface (defective pipe underground)	Ongoing Unresolved	1,584,000	No	NA	0.00	Grease, Solids
2/8/2022	9:40 AM	Medgar Evers Blvd	Manhole	0.58	7,200	Yes	Town	0.00	Grease
2/15/2022	3:15 PM	1226 Glen Erin St	Ground Surface (defective pipe underground)	Ongoing Unresolved	420	No	NA	0.00	Collapsed Pipe
2/8/2022	1:45 PM	2939 Oakmont Dr	Cleanout	Ongoing Unresolved	151,200	No	NA	0.00	Excessive Flow
2/10/2022	6:53 PM	120 Roosevelt	Ground Surface (defective pipe underground)	Ongoing Unresolved	190	No	NA	0.00	Solids
2/9/2022	6:50 PM	320 Barnes St	Cleanout	0.35	10	No	NA	0.00	Solids
2/8/2022	2:10 PM	1636 Pear Orchard Pl	Manhole	25.23	14,400	No	NA	0.00	Grease
2/15/2022	8:56 AM	3951 Old Canton Rd	Ground Surface (defective pipe underground)	Ongoing Unresolved	210	No	NA	0.00	Solids
2/12/2022	1:43 PM	1277 Scots Glen	Cleanout	Ongoing Unresolved	850	No	NA	0.00	Solids
2/12/2022	9:55 AM	571 Beasley Rd	Cleanout	50.80	200	Yes	Town	0.00	Grease
2/12/2022	5:20 PM	913 Poplar Blvd	Cleanout	Ongoing Unresolved	850	No	NA	0.00	Solids
2/1/2022	11:14 AM	520 N Canton Club Cir	Manhole	240.32	76,300	No	NA	0.00	Collapsed Pipe
2/10/2022	9:08 AM	4202 Oakmont Dr	Manhole	48.80	13,200	No	NA	0.00	Solids
2/15/2022	4:15 PM	573 Hillandale Dr	Cleanout	0.73	30	No	NA	0.00	Solids



Table 1 cont.  
 City of Jackson, Mississippi  
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 Collection System SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
2/15/2022	11:55 AM	320 Magnolia St	Cleanout	Ongoing Unresolved	2,100	No	NA	0.00	Grease
2/17/2022	3:45 PM	1327 Dansby St	Cleanout	Ongoing Unresolved	240	No	NA	0.00	Solids
2/15/2022	11:05 AM	I-20 Frontage Rd/Ellis Ave	Ground Surface (defective pipe underground)	3.82	50	No	NA	0.00	Collapsed Pipe
2/1/2022	11:34 AM	1017 J.R. Lynch St	Manhole	315.93	76,950	No	NA	0.00	Grease
2/17/2022	11:19 AM	4050 Crane Blvd	Manhole	2.02	7,200	Yes	Eubanks	0.00	Grease
2/7/2022	1:23 PM	1027 Madison St	Cleanout	192.27	7,300	No	NA	0.00	Collapsed Pipe
2/11/2022	9:04 AM	4369 Welota Dr	Manhole	98.55	29,300	Yes	Lynch	0.00	Solids
2/18/2022	7:40 PM	4150 Cedar St	Cleanout	Ongoing Unresolved	15	No	NA	0.00	Solids
12/1/2021	9:25 AM	1805 Meadowbrook Rd	Manhole	1.08	241,200	Yes	Eastover	0.00	Grease
2/17/2022	1:58 PM	2121 Oakmont Dr	Manhole	Ongoing Unresolved	36,000	Yes	Lynch	0.57	Grease, Solids
2/21/2022	12:58 PM	1101 W Pearl St	Cleanout	Ongoing Unresolved	240	No	NA	0.57	Solids
2/9/2022	10:20 AM	Forest Ave/Watkins Dr	Manhole	192.28	9,200	No	NA	1.09	Collapsed Pipe
2/17/2022	11:45 AM	520 N Canton Club Cir	Manhole	1.12	300	No	NA	1.06	Collapsed Pipe
2/17/2022	7:15 PM	6058 I-55 Frontage Rd	Cleanout	Ongoing Unresolved	600	No	NA	1.06	Solids
2/17/2022	8:25 PM	4604 Sunray Dr	Cleanout	Ongoing Unresolved	480	No	NA	1.09	Solids
2/18/2022	9:03 AM	1707 Florence Ave	Manhole	0.92	1,000	No	NA	0.00	Grease
2/23/2022	9:13 AM	3257 James Hill St	Cleanout	24.45	115	Yes	Eubanks	0.00	Grease
2/19/2022	11:00 AM	3325 Mayes St	Manhole	4.02	2,300	No	NA	0.00	Grease
2/21/2022	9:02 AM	1111 Winrose St	Cleanout	Ongoing Unresolved	1,400	Yes	Lynch	0.09	Grease
2/12/2022	12:42 PM	1712 Camellia Ln	Manhole	288.80	480	No	NA	0.24	Grease
2/24/2022	2:00 PM	4637 Churchhill Dr	Manhole	Ongoing Unresolved	300	Yes	Eastover	0.03	Grease, Solids

Table 1 cont.  
 City of Jackson, Mississippi  
 Quarterly Report No. 36 – January 2022 through March 2022  
 Collection System SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, inches	Reported Cause
2/24/2022	4:00 PM	601 Vandergriff St	Cleanout	0.18	20	No	NA	0.01	Solids
2/25/2022	7:05 PM	714 Eagle Ave	Other	Ongoing Unresolved	4,000	Yes	Eubanks	0.03	Collapsed Pipe
2/25/2022	5:40 PM	564 Witsell Rd	Cleanout	Ongoing Unresolved	120	No	NA	0.02	Solids
2/23/2022	12:06 PM	235 Lorenz Blvd	Manhole	Ongoing Unresolved	53,400	Yes	Town	0.02	Excessive Flow
2/25/2022	1:05 PM	201 Vandergriff St	Cleanout	1.08	7,200	No	NA	0.01	Grease
2/25/2022	8:30 PM	1225 St Ann St	Cleanout	Ongoing Unresolved	120	No	NA	0.04	Solids
2/24/2022	11:27 AM	3922 Bullard St	Manhole	24.97	360	No	NA	0.09	Grease
2/24/2022	12:10 AM	232 Englewood Blvd	Manhole	Ongoing Unresolved	300	Yes	Eubanks	0.09	Grease
2/25/2022	2:23 PM	2711 Saint Charles St	Cleanout	0.62	7,200	No	NA	0.05	Excessive Flow
2/26/2022	8:42 AM	237 Forest Ave	Cleanout	Ongoing Unresolved	120	Yes	Eubanks	0.00	Bypass Pump Failure
2/26/2022	2:30 PM	710 Benning Rd	Cleanout	Ongoing Unresolved	120	No	NA	0.00	Solids
2/26/2022	11:57 AM	311 Livingston St	Cleanout	0.75	20	Yes	Town	0.00	Solids
2/26/2022	12:51 PM	2504 Prosperity St	Cleanout	Ongoing Unresolved	1,320	No	NA	0.00	Solids
2/1/2022		1523 Westhaven Blvd	Ground Surface (defective pipe underground)	Ongoing Unresolved	1,144,800	Yes	Lynch	0.00	Collapsed Pipe
11/18/2021	8:08 PM	3775 Kings Hwy	Cleanout	0.03	Not Reported	No	NA	0.39	Solids
10/9/2021	1:00 PM	3127 Edmar Pl	Manhole	0.27	Not Reported	No	NA	0.00	Undetermined
2/1/2022		510 Briarcliff Cir	Ground Surface (defective pipe underground)	Ongoing Unresolved	2,124,000	Yes	Cany	0.25	Collapsed Pipe
3/2/2022	8:40 AM	242 Pimlico Pl	Cleanout	Ongoing Unresolved	9,000	No	NA	0.05	Grease
3/21/2022	4:00 PM	1540 Pittsburg St	Manhole	Ongoing Unresolved	2,616,000	Yes	Lynch	0.00	Solids
12/1/2021	12:30 PM	522 Marcus L Butler	Cleanout	Ongoing Unresolved	758,000	Yes	Lynch	0.63	Collapsed Pipe



**Table 1 cont.**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/1/2022		714 Eagle Ave	Other	Ongoing Unresolved	31,000	Yes	Eubanks	0.00	Collapsed Pipe
2/1/2022		1515 Maria Dr	Manhole	Ongoing Unresolved	2,534,400	Yes	Hardy	0.17	Collapsed Pipe
6/4/2021		1840 Meadowbrook Road	Other	Ongoing Unresolved	1,792,800	Yes	Eastover	0.00	Collapsed Pipe
3/28/2022	2:18 PM	1576 W Capitol St	Manhole	1.87	500	No	NA	0.00	Grease
3/22/2022	3:16 PM	1013 Trinity St	Ground Surface (defective pipe underground)	Ongoing Unresolved	500	No	NA	0.00	Grease/Solids
11/2/2021	10:25 AM	390 Commerce St	Manhole	Ongoing Unresolved	100	Yes	Town	0.01	Grease
11/12/2021	9:53 AM	3036 Longwood Dr	Manhole	Ongoing Unresolved	1,000	No	NA	0.00	Grease
10/4/2021	1:38 PM	219 Millsaps Ave	Manhole	1.88		No	NA	0.10	Collapsed Pipe
10/4/2021	9:45 AM	3529 Galloway Ave	Manhole	2.28	105	No	NA	0.10	Grease
12/1/2021	1:35 PM	3011 Autumn Pl	Manhole	25.83	1,040	No	NA	0.00	Grease
12/22/2021	9:00 AM	151 Lamar St	Manhole	8.00	1,000	No	NA	0.00	Collapsed Pipe
1/3/2022	2:50 PM	630 Meadowbrook Road	Ground Surface (defective pipe underground)	0.75	1,000	Yes	Eubanks	0.00	Excessive Flow
2/1/2022	4:23 PM	1423 Woody Dr	Cleanout	912.32	11,450	No	NA	0.00	Solids
3/24/2022	12:15 PM	1571 Vernon Cir	Cleanout	Ongoing Unresolved	600	No	NA	0.00	Grease
3/14/2022	11:23 AM	238 Princeton St	Manhole	Ongoing Unresolved	1,879,200	No	NA	0.00	Collapsed Pipe
3/16/2022	1:46 PM	32 Elaine St	Cleanout	Ongoing Unresolved	500	No	NA	0.00	Grease
2/5/2022	10:55 AM	2010 Lamar St	Manhole	Ongoing Unresolved		Yes	Town	0.00	Collapsed Pipe
3/7/2022	10:56 AM	4369 Welota Dr	Manhole / Cleanout	Ongoing Unresolved	2,500	Yes	Lynch	0.00	Grease/Solids
3/4/2022	11:30 AM	2925 Tara Road	Cleanout	0.25	15	No	NA	0.00	Solids
3/16/2022	6:01 PM	5435 Mimosa Dr	Cleanout	0.20	30	No	NA	0.00	Grease

**Table 1 cont.**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
2/28/2022	2:16 PM	1327 Dansby St	Cleanout	Ongoing Unresolved	230,400	No	NA	0.00	Grease
3/29/2022	11:16 AM	2008 Monaco St	Cleanout	Ongoing Unresolved	150	No	NA	0.00	Grease
3/25/2022	1:25 PM	1765 Dalton St	Cleanout	Ongoing Unresolved	4,900	No	NA	0.00	Grease
3/3/2022	10:30 AM	1101 W Pearl St	Cleanout	Ongoing Unresolved	7,250	No	NA	0.57	Grease
3/4/2022	7:50 PM	4130 Hanging Moss Road	Cleanout	Ongoing Unresolved	1,400	No	NA	0.07	Grease
3/19/2022	3:41 PM	331 Queen Catherine Lane	Cleanout	Ongoing Unresolved	650	No	NA	0.07	Solids
3/4/2022	12:03 PM	1549 Woody Dr	Cleanout	0.10	15	No	NA	0.29	Solids
3/24/2022	8:22 PM	426 Wilshire Ave	Cleanout	0.25	30	No	NA	0.00	Solids
3/25/2022	6:59 PM	3113 Woodview Dr	Cleanout	0.25	30	No	NA	0.29	Solids
3/2/2022	2:58 PM	226 Cedarhurst Dr	Cleanout	Ongoing Unresolved	1,500	No	NA	0.04	Collapsed Pipe
3/16/2022	2:32 PM	1762 Brecon Dr	Cleanout	Ongoing Unresolved	800	No	NA	0.04	Solids
3/22/2022	1:05 PM	140 Wildwood Cir	Cleanout	Ongoing Unresolved	800	No	NA	0.02	Solids
3/11/2022	12:46 PM	5406 I N Frontage Rd	Manhole	1.07	400	No	NA	0.00	Grease
3/2/2022	9:56 AM	3506 Hollywood Ave	Cleanout	0.90	300	No	NA	0.00	Grease
3/1/2022	7:13 PM	1602 Booker St	Ground Surface (defective pipe underground)	0.68	20	No	NA	0.00	Collapsed Pipe
3/15/2022	5:41 PM	1826 Lyncrest Ave	Cleanout	0.57	30	No	NA	0.00	Grease
3/3/2022	8:10 PM	932 Willow St	Cleanout	0.25	20	No	NA	0.00	Solids
3/3/2022	11:10 AM	900 Bellevue St	Manhole	1.58	150	Yes	Town	0.00	Undetermined
3/1/2022	9:47 AM	Monticello Dr	Ground Surface (defective pipe underground)	4.97	300	Yes	Cany	0.00	Grease
3/1/2022	9:42 AM	1240 Rosehill Cir	Manhole	0.47	300	No	NA	0.00	Collapsed Pipe
3/4/2022	11:00 AM	1445 Brinoy Dr	Cleanout	0.15	15	No	NA	0.00	Solids

**Table 1 cont.**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/2/2022	5:15 PM	840 Boling St	Other	Ongoing Unresolved	1,500	No	NA	0.00	Solids
3/8/2022	11:33 AM	1534 Maria Dr	Ground Surface (defective pipe underground)	Ongoing Unresolved	720	No	NA	0.00	Solids
3/3/2022	10:51 AM	5864 Old Canton Rd	Manhole	2.72	50	No	NA	0.00	Grease/Solids
3/4/2022	10:23 AM	375 E Ridgeway St	Cleanout	Ongoing Unresolved	1,400	No	NA	0.00	Grease
3/4/2022	12:18 PM	5420 IN Frontage Rd	Manhole	Ongoing Unresolved	28,000	Yes	Hanging Moss	0.00	Grease
3/4/2022	6:20 PM	212 Robinson Road	Cleanout	Ongoing Unresolved	1,400	No	NA	0.00	Solids
3/10/2022	8:42 AM	629 Fondren Pl	Manhole	2.53	300	Yes	Town	0.00	Grease
3/7/2022	7:01 PM	1745 Riverwood Dr	Manhole	Ongoing Unresolved	1,250	No	NA	0.00	Grease/Solids
3/1/2022	1:09 PM	3707 Liberty St	Ground Surface (defective pipe underground)	Ongoing Unresolved	10,100	Yes	Town	0.00	Collapsed Pipe
3/7/2022	2:02 PM	N State St/Meadowbrook Rd	Cleanout	Ongoing Unresolved	3,750	No	NA	0.00	Grease
3/9/2022	6:00 PM	3302 Ridgeland Dr	Cleanout	0.23	30	No	NA	0.00	Solids
3/23/2022	11:45 AM	1710 Pine St	Cleanout	Ongoing Unresolved	540	No	NA	0.02	Grease
3/18/2022	7:02 PM	1119 Mclean St	Cleanout	0.22	50	No	NA	4.31	Solids
3/16/2022	1:40 PM	4810 Maplewood Dr	Cleanout	0.23	30	No	NA	4.88	Solids
3/18/2022	5:40 PM	617 Magnolia Street	Cleanout	0.27	50	No	NA	4.31	Solids
3/11/2022	4:50 PM	1463 Woody Dr	Cleanout	Ongoing Unresolved	1,050	Yes	Cany	4.16	Solids
3/23/2022	5:45 PM	35 Castle Cv	Manhole	1.60	50	No	NA	4.16	Solids
3/10/2022	1:17 PM	1115 Winnrose St	Cleanout	Ongoing Unresolved	6,600	No	NA	4.37	Excessive Flow
3/17/2022	10:26 AM	555 S West St	Manhole	0.82	700	No	NA	4.31	Grease
3/9/2022	10:45 AM	800 Colonial Cir	Manhole	0.03	50	No	NA	0.00	Solids
3/9/2022	6:40 PM	Beatty St/S Gallatin St	Manhole	Ongoing Unresolved	2,300	No	NA	0.00	Grease/Solids

**Table 1 cont.**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/12/2022	2:21 PM	1215 High St	Cleanout	0.43	30	No	NA	0.01	Grease/Solids
3/29/2022	4:00 PM	210 Ferguson Dr	Manhole	Ongoing Unresolved	450	No	NA	0.00	Grease/Collapsed Pipe
3/7/2022	10:30 AM	903 Arbor Vista Blvd	Cleanout	Ongoing Unresolved	1,250	No	NA	0.01	Grease
3/16/2022	8:30 AM	1405 S Gallatin St	Manhole	Ongoing Unresolved	320	No	NA	0.01	Grease
3/1/2022	12:12 PM	120 Roosevelt St	Cleanout	216.52	310	No	NA	0.00	Solids
3/16/2022	7:00 PM	5917 Whitestone Road	Cleanout	0.42	30	No	NA	0.00	Solids
3/4/2022	10:17 AM	511 Forest Ave	Manhole	Ongoing Unresolved	11,200	No	NA	0.07	Grease/Collapsed Pipe
3/14/2022	3:45 PM	181 Treehaven Dr	Cleanout	0.90	585	No	NA	0.03	Grease
3/17/2022	12:02 PM	850 Jefferson St	Cleanout	3.38	2,000	No	NA	0.01	Grease
3/16/2022	10:40 AM	2685 I S Frontage Rd	Manhole	Ongoing Unresolved	16,000	Yes	Three Mile	0.03	Grease
3/16/2022	1:15 PM	243 Melbourne Road	Ground Surface (defective pipe underground)	Ongoing Unresolved	40,000	Yes	Eubanks	1.04	Collapsed Pipe
3/23/2022	3:42 PM	371 Hanging Moss Cir	Cleanout	0.67	30	No	NA	1.09	Solids
3/16/2022	11:02 AM	3702 Warner Ave	Manhole	Ongoing Unresolved	8,000	Yes	Town	1.09	Grease/Solids
3/16/2022	12:51 AM	2805 Terry Road	Manhole	12.90	1,000	No	NA	1.06	Grease
3/16/2022	4:01 PM	Forest Ave/Watkins Dr	Manhole	1.78	700	No	NA	0.00	Collapsed Pipe
3/24/2022	2:00 PM	2925 Terry Road	Manhole	1.17	1,000	Yes	Hardy	0.00	Grease
3/17/2022	9:52 AM	1915 Corley Ave	Cleanout	Ongoing Unresolved	1,500	Yes	Town	0.00	Excessive Flow
3/18/2022	1:38 PM	Edgewood Terrace Dr/Autumn Woods Dr	Manhole	Ongoing Unresolved	10,300	Yes	Hanging Moss	0.00	Grease
3/19/2022	10:30 AM	546 Club View Dr	Cleanout	Ongoing Unresolved	4,900	No	NA	1.32	Grease
3/18/2022	2:30 PM	3124 Tougaloo St	Ground Surface (defective pipe underground)	Ongoing Unresolved	14,000	Yes	Town	1.52	Collapsed Pipe
3/21/2022	11:00 AM	3616 Northhaven Dr	Cleanout	4.67	45	Yes	Eubanks	1.52	Grease
3/14/2022	8:44 AM	1712 Wilhurst St	Cleanout	Ongoing Unresolved	4,900	No	NA	0.00	Collapsed Pipe

**Table 1 cont.**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

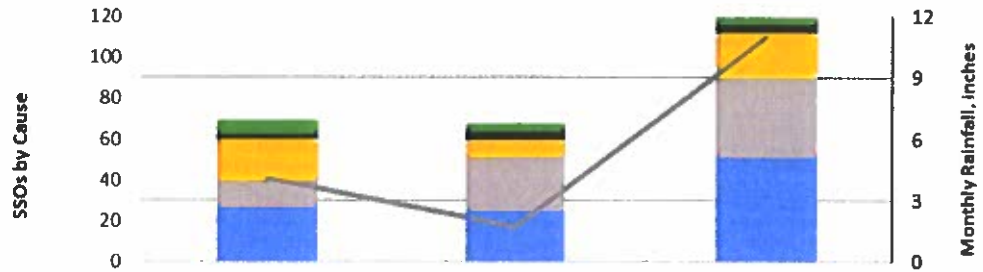
Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/9/2022	11:00 AM	232 Englewood St	Manhole	123.67	2,100	No	NA	0.02	Grease
3/21/2022	9:54 AM	4003 Warner Ave	Cleanout	Ongoing Unresolved	8,800	No	NA	0.00	Grease
3/24/2022	8:00 PM	951 Central St	Cleanout	Ongoing Unresolved	400	No	NA	0.00	Solids
3/29/2022	4:01 PM	3637 Valley Road	Cleanout	Ongoing Unresolved	150	No	NA	0.00	Solids
3/29/2022	3:01 PM	3421 Bailey Ave	Manhole	Ongoing Unresolved	900	No	NA	2.47	Solids
3/22/2022	12:08 PM	425 Beasley Rd	Cleanout	1.12	600	No	NA	2.47	Grease
3/22/2022	11:46 AM	4637 Churchill Dr	Manhole	Ongoing Unresolved	13,000	Yes	Eubanks	2.38	Grease
3/19/2022	10:16 AM	1041 Ellis Ave	Manhole	96.77	500	No	NA	0.00	Grease
2/1/2022	11:19 AM	955 Stuart St	Manhole	Ongoing Unresolved	22,750	No	NA	0.00	Collapsed Pipe
3/29/2022	11:20 AM	3368 Bailey Ave	Not Stated	1.05		No	NA	0.02	Grease
3/26/2022	1:30 PM	1032 Spangler St	Manhole	Ongoing Unresolved	180	No	NA	0.00	Grease/Solids
3/26/2022	2:08 PM	936 Morningside St	Manhole	Ongoing Unresolved	300	No	NA	0.00	Solids
3/31/2022	5:59 PM	126 Handford Pl	Cleanout	0.20	30	No	NA	0.00	Solids
3/17/2022	12:25 PM	4110 Cedar St	Cleanout	Ongoing Unresolved	720	No	NA	0.00	Grease
3/31/2022	6:25 PM	4202 Oakmont Dr	Manhole	Ongoing Unresolved	50	No	NA	0.00	Solids
3/26/2022	12:49 PM	1508 Breton St	Manhole	1.20	350	No	NA	0.00	Roots
3/14/2022	10:35 AM	232 Princeton St	Manhole	Ongoing Unresolved	1,296,000	No	NA	0.00	Excessive Flow
2/1/2022		219 Princeton St	Manhole	Ongoing Unresolved	2,080,800	Yes	Lynch	0.00	Collapsed Pipe
3/1/2022	2:10 PM	5406 IN Frontage Rd	Manhole	1.05	200	No	NA	0.00	Solids
2/28/2022	8:15 PM	3506 Hollywood Ave	Cleanout	Ongoing Unresolved	960	No	NA	0.00	Solids
3/7/2022	12:37 PM	629 Fondren Pl	Manhole	1.38	200	Yes	Town	0.00	Grease
3/12/2022	2:29 PM	Forest Ave/Watkins Dr	Manhole	1.10	400	No	NA	0.00	Collapsed Pipe
3/2/2022	12:20 PM	Forest Ave/Watkins Dr	Manhole	0.80	1,000	No	NA	0.00	Collapsed Pipe
3/21/2022	11:00 AM	3644 Northaven Dr	Cleanout	4.67	50	Yes	Eubanks	1.52	Grease

**Table 1 cont.**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Collection System SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/21/2022	11:00 AM	3632 Northhaven Dr	Cleanout	4.67	50	Yes	Eubanks	1.52	Grease
3/16/2022	12:20 PM	3632 Northhaven Dr	Cleanout	Ongoing Unresolved	320	Yes	Eubanks	1.52	Solids
3/3/2022	12:44 PM	4202 Oakmont Dr	Manhole	1.38	75	Yes	Lynch	0.00	Grease
3/2/2022	9:44 AM	4202 Oakmont Dr	Manhole	1.60	1,000	No	NA	0.00	Grease

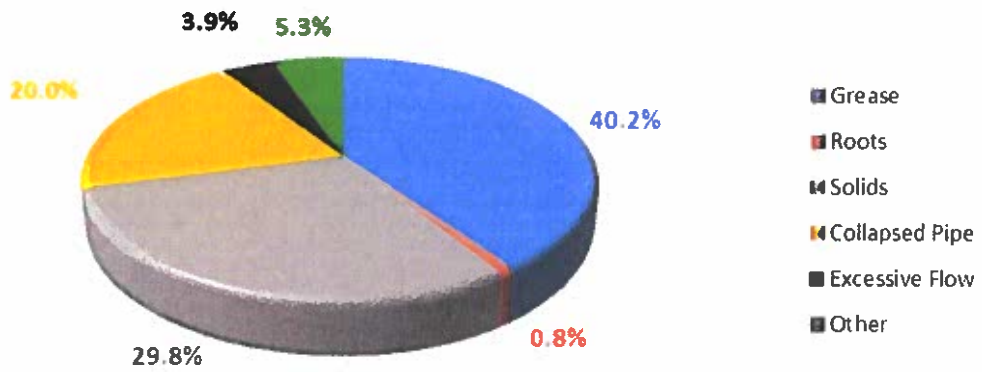


**Figure 1: Collection System SSOs by Cause**

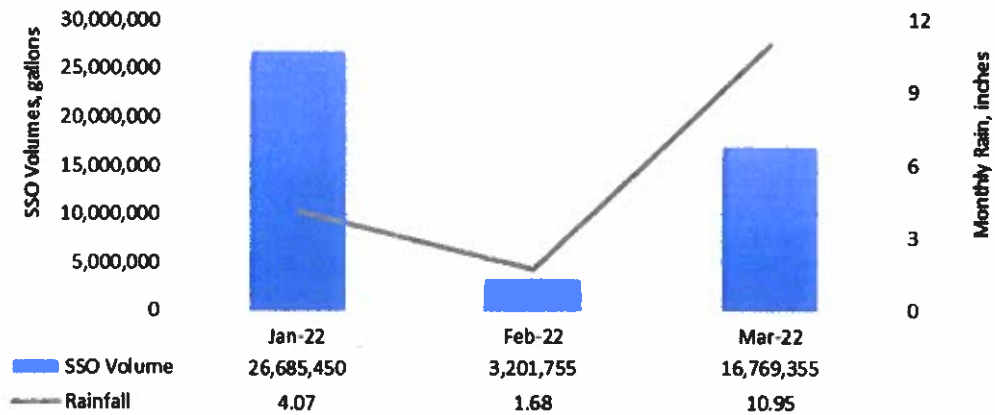


	Jan-22	Feb-22	Mar-22
Other	7.00	3.50	3.00
Excessive Flow	2.00	4.00	4.00
Collapsed Pipe	20.50	8.50	22.00
Solids	11.50	26.50	38.00
Roots	1.00	0.00	1.00
Grease	27.00	24.50	51.00
Rainfall	4.07	1.68	10.95

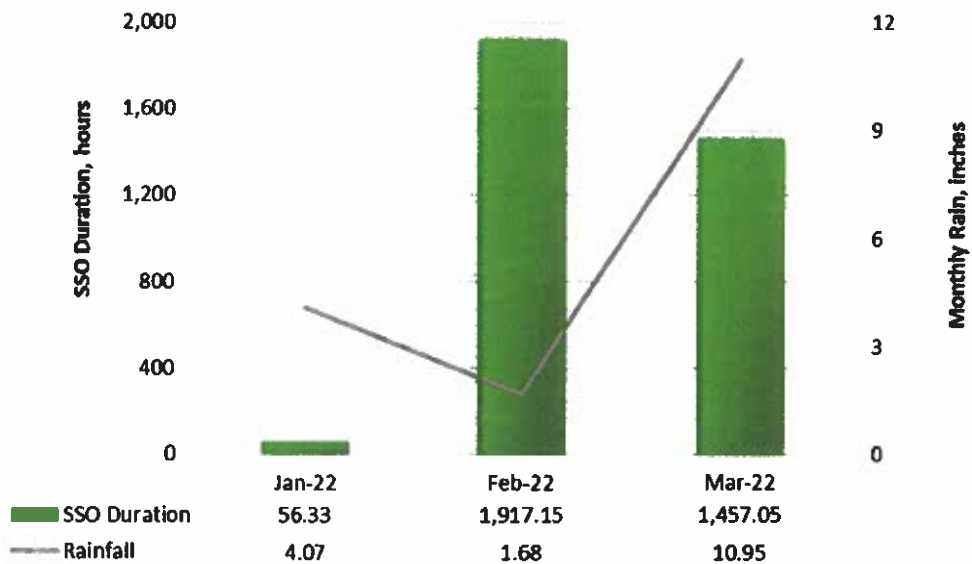
**Figure 2: Percentage of Collection System SSOs by Cause**



**Figure 3: Collection System SSO Volume**



**Figure 4: Collection System SSO Duration**



- The SSO duration for January is relatively small in comparison to the volume due to ongoing SSOs that will not have duration reported until the issue is resolved.



## 2.2 Pump Station SSOs

**Table 2** lists pump station SSOs for January through March 2022.

Figures 5 through 7 are not used in this report because **no** SSOs were reported at pump stations this quarter.

**Table 2**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**Pump Station SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
NO PUMP STATION SSOs REPORTED - January 2022									
NO PUMP STATION SSOs REPORTED - February 2022									
NO PUMP STATION SSOs REPORTED - March 2022									

## 2.3 West Bank Interceptor SSOs

West Bank Interceptor SSOs at the Jefferson Street location are generally caused when flow to the Savanna WWTP exceeds the facility's pumping capacity. This creates the need to restrict influent flow to the facility in order to protect the facility from flooding and from catastrophic damage. Insufficient pumping capacity can be caused by equipment failures at the facility, excessive flow caused by rain events, high river levels or a combination of all the above.

**Table 3** lists West Bank Interceptor SSOs for January through March 2022.

**Figure 9** shows West Bank Interceptor SSO events by month by reported cause, as listed in Table 3, as well as monthly rainfall.

**Figure 10** shows percentage of West Bank Interceptor SSOs by cause for the quarter.

**Figure 11** shows total volume of West Bank Interceptor SSOs for each month, as well as monthly rainfall.

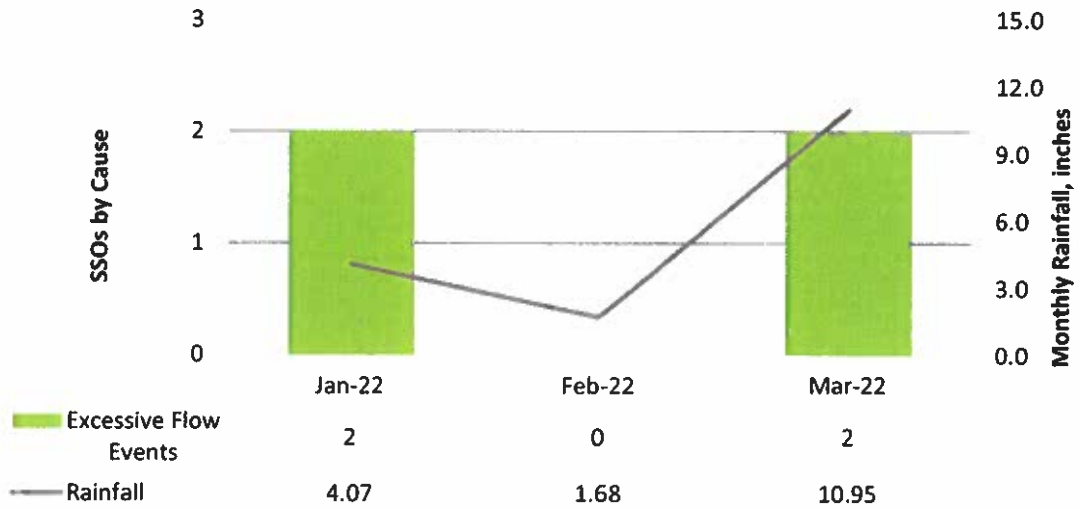
**Figure 12** shows total duration of West Bank Interceptor SSOs for each month, as well as rainfall.

There were four (4) SSO events on the West Bank Interceptor in this reporting period. All events were caused by excessive flow due to rainfall. The Jackson area received 16.70" of rainfall, or 50% above normal, during the reporting period with 10.95" during the month of March.

**Table 3**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 – January 2022 through March 2022**  
**West Bank Interceptor SSOs**

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
01/09/22	11:14 AM	408 S Jefferson St	Manhole	7.83	850,000	Yes	Pearl	1.01	Excessive Flow
01/19/22	10:45 PM	408 S Jefferson St	Manhole	8.58	975,000	Yes	Pearl	1.56	Excessive Flow
<b>NO WEST BANK INTERCEPTOR SSOs REPORTED - February 2022</b>									
03/08/22	1:53 PM	408 S Jefferson St	Manhole	26.70	3,125,000	Yes	Pearl	4.25	Excessive Flow
03/15/22	9:40 AM	408 S Jefferson St	Manhole	3.32	400,000	Yes	Pearl	1.16	Excessive Flow

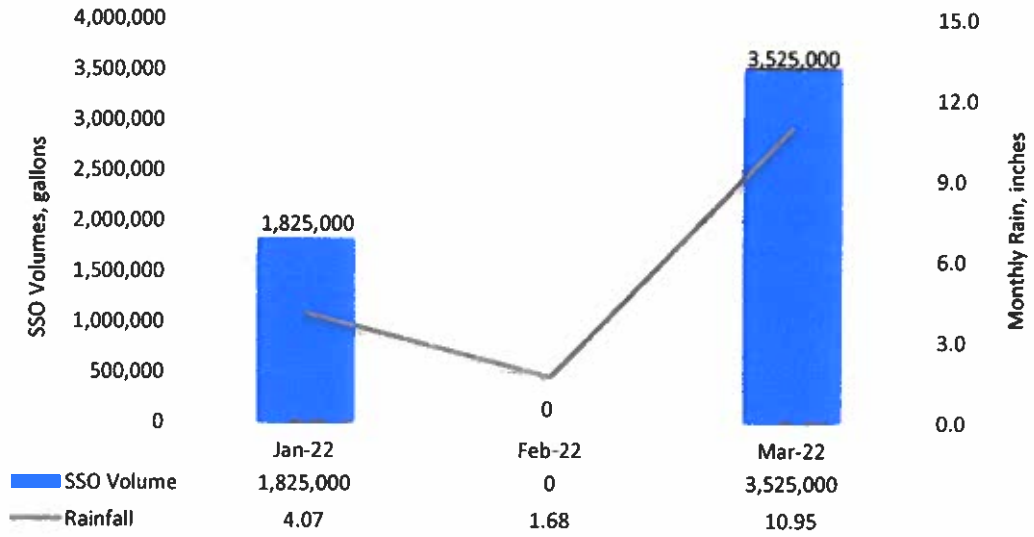
**Figure 9: West Bank Interceptor SSOs by Cause**



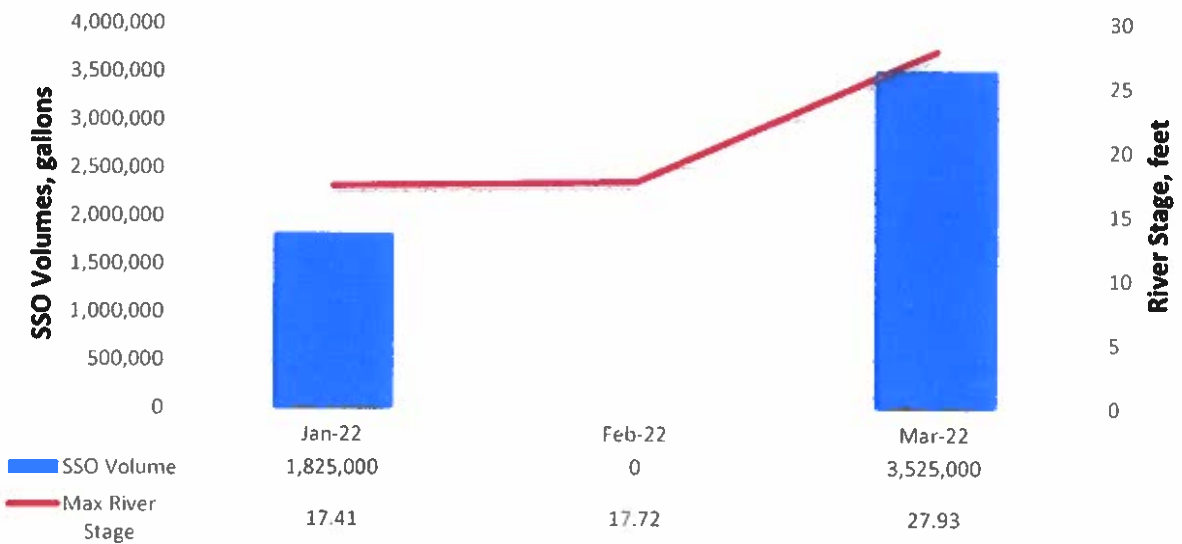
**Figure 10: Percentage of West Bank Interceptor SSOs by Cause**



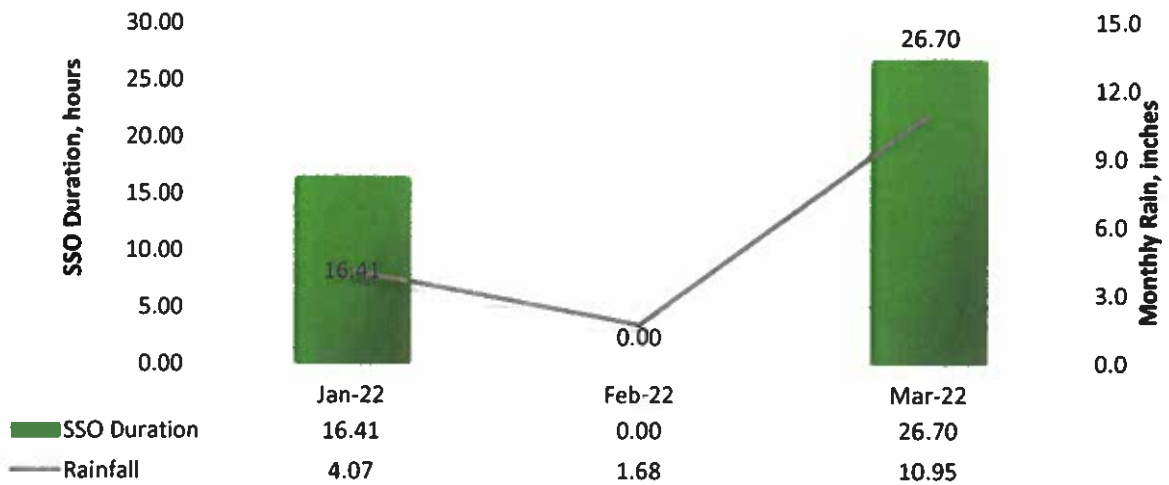
**Figure 11: West Bank Interceptor SSO Volume**



**Figure 11a: West Bank Interceptor SSO Volume**



**Figure 12: West Bank Interceptor SSO Duration**



**Figure 12a: West Bank Interceptor SSO Duration**



## 2.4 Prohibited Bypasses

This quarterly report does not include a graphical representation of the number of bypasses for each cause, since most bypasses at the Savanna Street WWTP are caused by excessive flow or are due to specific causes explained below.

**Table 4** lists prohibited bypasses at the wastewater treatment plant for the reporting period. Unlike SSOs, each event is considered as one bypass from the day it begins to the day it ends. The event is reported in the month the bypass ends.

**Figure 13** shows total volume of prohibited bypasses for each month plotted logarithmically, along with monthly rainfall.

**Figure 14** shows volume and river stages.

**Figures 15 and 16** plot total duration for the month, first compared to rainfall and then compared to river stages. River stages are shown as monthly average daily maximum river stage and as the monthly maximum day river stage. Note that duration of prohibited bypasses is plotted in days.

There were three (3) bypass events this reporting period. The events were reported to MDEQ as being caused by excessive flow due to rainfall. The Jackson area received 16.70" of rainfall, or 50% above normal, during the reporting period with 10.95" during the month of March.

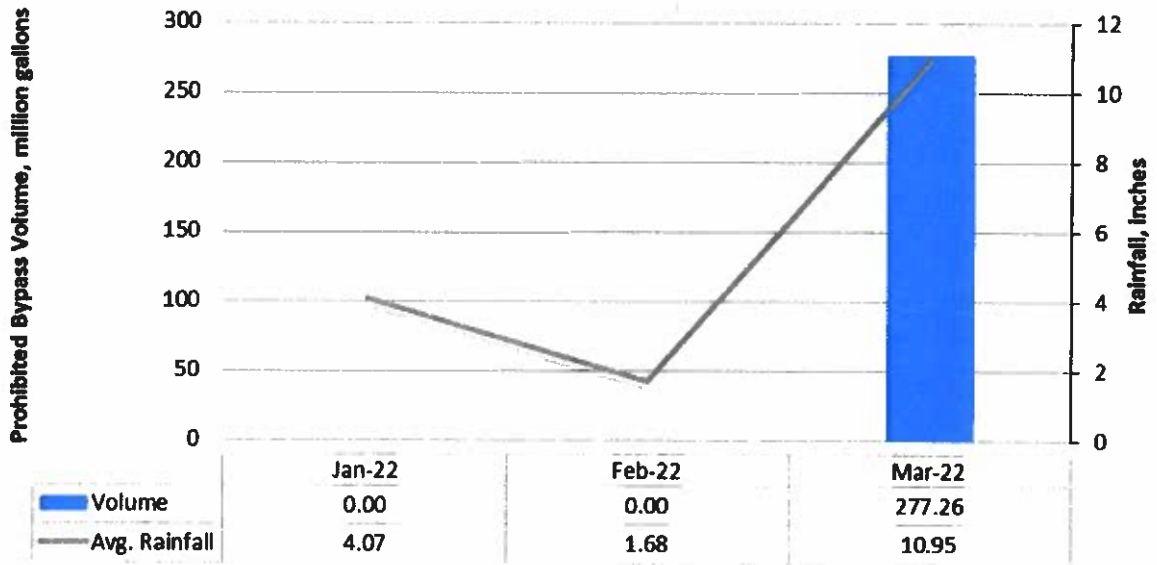


**Table 4**  
**City of Jackson, Mississippi**  
**Quarterly Report No. 36 -- January 2022 through March 2022**  
**Prohibited Bypasses**

Date Began	Time Began	Location	Source	Estimated Duration, Days	Estimated Volume, Million Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
<b>NO PROHIBITED BYPASSES REPORTED - January 2022</b>									
<b>NO PROHIBITED BYPASSES REPORTED - February 2022</b>									
03/10/22	3:40 PM	3810 I 55 S	WWTP	1	68.61	Yes	Pearl	4.25	Excessive Flow
03/18/22	6:45 PM	3810 I 55 S	WWTP	1	34.90	Yes	Pearl	1.01	Excessive Flow
03/24/22	4:45 PM	3810 I 55 S	WWTP	7	173.75	Yes	Pearl	2.41	Excessive Flow

- The total duration and volume bypassed is shown in the table above. The March 10, 2022, event ended on March 11, 2022. The March 18, 2022, event ended on March 19, 2022. The March 23, 2022, event ended on March 31, 2022.

**Figure 13: Monthly Prohibited Bypass Volume vs. Rainfall**



**Figure 14: Monthly Prohibited Bypass Volume vs. River Stage**

