

January 5, 2018

Ms. Leslie Allen-Daniel, Enforcement Analyst  
Water Division Enforcement Branch  
Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

RE: NPDES Permit No. AR0041335, AFIN 60-00543  
CAP for Sanitary Sewer Overflows (SSOs) Annual Progress Report

Dear Ms. Allen-Daniel:

The following is our annual progress report due January 10, 2018 detailing the corrective actions performed in the past year (2017), and those scheduled for 2018 to reduce SSOs.

### **Corrective Actions Performed in 2017**

Our system, along with the system owned and maintained by the Little Rock Air Force Base (LRAFB), experienced twenty-one (21) SSOs in 2017. Eighteen (18) of these were in the City of Jacksonville and three (3) were in the system owned and maintained by the LRAFB. An itemized list of SSOs, causes, and corrective actions is provided on the last two pages of this report.

Many of the SSOs were caused by grease or debris blockages. JWWU sent 1211 "Can the Grease" and "Shut the Lid on Wipes" letters or post cards to residents during 2017 to educate and encourage proper disposal of grease and non-dispersibles.

In 2017, JWWU spent \$473,867 for contracted pipebursting (PB) by outside forces, and \$724,766 from our expense budget for our collection system personnel/labor, overhead, equipment, and supplies used toward rehabilitation performed by in-house crews. In addition, \$578,756 was expensed for our Technical Services department, which provides investigative televising, smoke testing, trouble-shooting, and routine and emergency cleaning to the collection system.

In 2017, JWWU performed rehabilitation and/or replacement of 7,916 feet of mainline. That total includes 6,478 feet replaced by contracted pipebursting and 1,438 feet repaired or relaid by in-house crews. In addition, 94 manholes were repaired or replaced.

JWWU continues to operate a daily cleaning, televising, and investigative program. Our system is routinely cleaned on a three-year basis, with special attention given to problem areas. It is our

policy to follow-up on every customer call received by investigating the source of the problem through closed-circuit-televising and other means. The line is cleaned, televised, and if necessary assigned for rehab based on priority.

Our crews cleaned 47 miles, televised 9.3 miles and smoke tested 4,436 feet of sewer line in our investigations and through daily routine maintenance.

Our service line repair policy, enforced by City Ordinance #1360, requires homeowners to repair faulty services lines to eliminate inflow/infiltration into the system. In 2017, 118 service lines were repaired by homeowners, either at our request or by the homeowner’s self-initiative.

**Itemized SSOs Causes and Corrective Actions for 2017**

Total: 21 total

JWWU: 18 (9 grease, 4 roots & debris, 3 breaks in main line (ML), 1 wet-weather, and 1 other)

LRAFB: 3 (1 grease, 2 other)

PB=pipe burst ML=main line

Date	Address	MH #	Cause	Corrective Action
1/9/17	14 Shady Lane	76A16-75A32	Collapsed ML	PB on 4/7/17.
1/12/17	512 Division St.	91B86-91B87	Cracks in ML	PB on 5/11/17.
2/1/17	LRAFB-Arkansas Dr.	LRAFB	Grease	Cleaned line.
3/7/17	501 Taylor St.	103B60-103B89	Grease/Debris	Cleaned line. Scheduled for cleaning every 4 months. Scheduled for PB I 2018.
3/27/17	1505 Haley Court	115B6-115B5	Grease/Debris	Cleaned line. Scheduled for cleaning every 4 months. ML are OK. Sent grease letters to residents.
4/1/17	401 Stonewall Dr. (downstream of Stonewall Apartments)	68E85-68E101	Grease/Debris	Cleaned line. Scheduled for cleaning every 4 months. Sent grease letters to residents.
4/1/17	401 Stonewall Dr. (downstream of Stonewall Apartments)	68E74-68E98	Grease/Debris	Cleaned line. Scheduled for cleaning every 4 months. Sent grease letters to residents.
4/18/17	1508 S. Highway 161	103B80-103B83	Grease/Debris	Cleaned line. Scheduled for cleaning every 4 months. Sent grease letters to residents.
4/18/17	1508 S. Highway 161	103B83-103B86	Grease/Debris	Cleaned line. Scheduled for cleaning every 4 months. Sent grease letters to residents.
5/29/17	1208 Stone St.	90A65-90A67	Roots in ML	Scheduled to PB in 2018
5/31/17	LRAFB-1585 Lachmund	LRAFB	construction	Cleaned line.
6/8/17	300 Marshall Road (downstream of Willowbend Apartments)	77A38-77A1	Grease	Cleaned line. Sent grease letters to Willowbend Apt complex. Set up re-occurring work order to clean mainlines downstream.

6/9/17	LRAFB-1757 Lachmund Dr.	LRAFB	Line failure	Repaired line.
8/9/17	901 Madden Road	57D21-57D22	Grease	Cleaned line. Scheduled for cleaning every 3 months. Sent grease letters to residents.
8/24/17	308 Stonewall Dr.	68E78-68E73	Debris	Sag in ML. Scheduled to relay in 2018.
9/11/17	2701 N. JP Wright Loop Road	Old East Plant	old control structure damaged	Dug up force main and capped off.
10/14/17	8 Park Drive	in home	Grease/ML failure	PB on 11/8/17.
10/16/17	200 Dupree Drive	90B30-90B29	Brick in ML	Removed brick. ML in good condition.
10/29/17	125 Roosevelt Road	92C180-92C55	Grease	Scheduled for cleaning monthly. Sent grease letters to residents.
10/30/17	1408 N Jeff Davis	66A32-66A42	Debris in sag in ML	Scheduled for relay and MH repair in 2018.
12/22/17	1506 S. Bailey St.	Private Clean-out	Rain/ML surcharge	ML scheduled for relay in 2018. Also, Paradise Trailer Park (one contributor to I/I) is scheduled to repair their lines in 2018.

### **Corrective Actions Planned for 2018**

JWWU has budgeted \$500,000 toward pipebursting contracted by outside forces for 2018. There is currently 5,232 feet of mainline identified and scheduled for pipeburst in 2018.

Plans for 2018 also include 1,902 feet of main line which has been identified for replacement by in-house crews, along with repair/replace of forty-nine (49) manholes currently identified. Other lines and manholes will be added as the need arises throughout the year based on our on-going investigative work. Our 2018 expense budgets for our Collection Systems department is \$777,972 and our Technical Services department is \$569,237. This will allow JWWU to continue to provide routine cleaning, televising, and investigative work, and make repairs and relay lines as necessary within our budget.

This report provides information concerning corrective actions performed in 2017 and corrective actions planned for 2018. If you need further clarification or more information, please do not hesitate to contact me.

Sincerely,

Thea Hughes  
General Manager