

**From:** McAvoy, Lance [<mailto:LanceM@FortSmithAR.gov>]  
**Sent:** Wednesday, June 19, 2019 9:44 AM  
**To:** Healey, Richard  
**Cc:** Walters, Jerry; Johnson, Jimmie  
**Subject:** RE: Fort Smith 2019 Flood Update

Richard,

As I provided you the first written 2019 Flood Update for Fort Smith, I wanted to give you a current update on the City's progress on flood recovery.

After the flood waters began to subside, utility staff evaluated each pump station that were taken off line due to flooding and began bring as many online as possible. Staff worked with electric contractors to resort pumping capability to the stations. We have also hired Hawkins-Weir to perform a complete evaluation of each effected pump station and wet weather EQ station/basin and create a plan to get them back on line.

By June 11, all stations were either functional or on bypass pumping.

Currently all but two (2) pump stations are back on line, functional, and undergoing repairs to bring them to pre-flood condition.

Mill Creek EQ basin is under repair and some electronic valving and other electronic components were damaged, however it does not affect the pump station.

Sunnymede wet weather EQ station is down due to major flooding. This does not affect the normal operation of the Sunnymede Pump Station.

Two (2) pump stations, Fort Smith Park (Pump Station #20) and Riverbend/98<sup>th</sup> Circle (Pump Station #21), went completely under water. This includes the pumps, motors, electrical equipment, SCADA equipment/panels, back-up generators and switchgear. These stations are a complete loss. We are currently running bypass pumping to ensure there are no back-ups or SSOs from the stations being down.

City is looking at mitigation measures for future flooding of pump stations, however, this was a 500 year flood and pump stations are normally built to the 100 year flood.

We are investigating all sewer lines that were submerged using SL-RAT and cleaning those that may have been impacted by the flood. Manholes and other ancillary collection system appurtenances are also being checked.

Neither of the treatment plants experienced any flooding or damage from the flooding.

Please pass this report on to whomever you feel would need it.

We will send additional updates as work is completed.

Please contact me if you need additional information.

Best Regards,

Lance McAvoy,  
Deputy Director of Operations  
City of Fort Smith Utility Department

**From:** McAvoy, Lance  
**Sent:** Tuesday, May 28, 2019 15:41  
**To:** Richard Healey ([HEALEYR@adeq.state.ar.us](mailto:HEALEYR@adeq.state.ar.us))  
**Cc:** Walters, Jerry  
**Subject:** Fort Smith 2019 Flood Update

Richard,

Attached is the briefing we discussed. Please let me know if you need something more formal.

I will provide an AAR once the crisis is over.

Thank you,

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