

April 15, 2019

Mr. Tim Nyander, Utilities Director  
City of Fayetteville  
113 W. Mountain Street  
Fayetteville, AR 72701  
Email: [tnyander@fayetteville-ar.gov](mailto:tnyander@fayetteville-ar.gov)

RE: Greenland Sanitary Sewer Lift Station 18 Sanitary Sewer Overflow Report

Dear Mr. Nyander,

The City of Greenland performed a shutdown of sanitary sewer Lift Station 18 located at 220 N. Sandy Avenue on Thursday, April 11 and Friday, April 12, 2019. The pumping equipment, controls and SCADA were replaced and/or upgraded.

At approximately 1:18 PM on Saturday, April 13, I was notified that the dry well portion of the lift station had a leak. Both pumps and motors were exposed to wastewater and had stopped working. The City of Fayetteville and Jacobs responded immediately with a vacuum truck and removed the wastewater from the dry well. The contractors also responded as quickly as possible with vacuum trucks and equipment to prevent the wetwell from overflowing. In addition, the site received approximately 1.4 inches of rainfall on Saturday, April 13.

Once construction crews were able to access the dry well, they discovered that a nipple was broken on one of the seal water assemblies. The nipple was repaired. The covers were removed from the pump motors, the water was drained, and the motors were checked and cleaned. Both pumps were operational again at approximately 11:00 PM. The wetwell did not overflow.

The following corrective actions have been or will be taken as soon as possible:

1. The cause of the broken nipple is under investigation. Additionally, the contractor is looking into measures required to rehabilitate the motors.
2. A working sump pump has been placed in the dry well and will be maintained.
3. The flood alarm for the dry well will be reconnected to the new SCADA system.

Please feel free to contact me if you have any questions or need additional information.

Kindest regards,



Carole Jones, PE  
Owner  
Cantique, LLC  
(479) 445-7110

C: Mayor Bill Groom, City of Greenland  
Police Chief Gary Ricker, City of Greenland  
Mr. Lynn Hyke, City of Fayetteville  
Mr. Jeff Hickle, Jacobs  
Mr. Nick Batker, PE, McClelland Consulting Engineers, Inc.  
Mr. Morgan Ussery, CDI Contractors  
Mr. Kelly Freeman, CDI Contractors