

Anderson, Alan

From: Brian Sartain <BrianSartain@rwu.org>
Sent: Wednesday, July 25, 2018 11:25 AM
To: King, Kara; Anderson, Alan
Cc: Brent Dobler; Todd Beaver; Earl Rausch; Johnny Lunsford
Subject: FW: Collapsed 30" Sewer Main
Attachments: IMG_20180725_102924604_HDR.JPG

Follow Up Flag: Follow up
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Update 7/25/18:

After removing solids and flushing residual wastewater yesterday, the remaining groundwater was flushed to the treatment plant this morning. Our inspector was onsite to verify that no additional wastewater was flowing into the trench and that only groundwater was present. The attached photo was taken just prior to resuming trench dewatering operations.

Brian Sartain, P.E.

*Utility Engineer
Rogers Water Utilities
(479) 936-5426*

From: Brian Sartain
Sent: Tuesday, July 24, 2018 1:40 PM
To: 'ANDERSON@adeq.state.ar.us'
Cc: Brent Dobler; Todd Beaver; Earl Rausch; King, Kara
Subject: RE: Collapsed 30" Sewer Main

Alan,

Thank you for speaking with me today. The following is an update on this sewer main repair:

RWU hired a contractor (Seven Valleys Construction) to repair the collapsed 30" sewer main per plans developed by RWU's engineering department. The repair includes the replacement of approximately 200 LF of 30" fiberglass reinforced pipe with 30" ductile iron pipe, with new manholes at each end of the repair. The contractor excavated the sewer downstream of the collapsed area, where high rates of groundwater were encountered. This groundwater was running clear, showed no sign of wastewater intrusion and was pumped out of the trench and allowed to flow overland and into Blossom Way Creek during construction hours. This trench dewatering allowed the contractor to begin to lay the new ductile iron pipe. When trenching operations reached upstream to the point that the pipe had collapsed, wastewater that had been trapped behind the collapsed area began to flow into the open trench. When this was observed today (7/24/18), dewatering operations to the stream immediately stopped, and the wastewater mixture is currently being diverted to the sanitary sewer for treatment at the plant, with floatable solids removed using vacuum excavation equipment. I have attached photos of groundwater pumping operations taken last week and today's wastewater pumping operation.

We will continue to work with our contractor to remove all wastewater and residual solids before commencing any trench dewatering operations, and ensure that best management practices are implemented to the fullest extent practicable. Please do not hesitate to contact me if you have any questions or concerns.

Brian Sartain, P.E.

Utility Engineer

Rogers Water Utilities

(479) 936-5426

From: Johnny Lunsford

Sent: Monday, May 14, 2018 1:59 PM

To: 'ANDERSON@adeq.state.ar.us'

Cc: Brent Dobler; Brian Sartain; Todd Beaver; Earl Rausch

Subject: Collapsed 30" Sewer Main

We would like to report what we preliminarily believe is a collapsed 30" parallel sewer main in the City of Rogers. The approximate location is west of 2004 S Promenade Blvd. Since it is a parallel sewer and is tied to an adjacent 24" parallel line in several locations, it appears that there has not been any release of sewage from this pipe. From what we can tell, the sewer in the 30" sewer main is simply backing up and flowing into the 24" inch line at one of these connections. The pipe in question is 18 feet deep and all we have been able to identify with our camera equipment (before rock inhibits us, or we go underwater) is crystal clear water running inside the pipe downstream of the believed collapse. At this time, it appears we have inflow only and no outflow. This is one of those projects where we simply are not able to see everything we would like to see and will not know until it is uncovered. As soon as we have this area exposed we will know what needs to be reported.

