

Rathe, Rebecca

From: Randy Hawkins <rhawkins@bentonar.org>
Sent: Tuesday, February 27, 2018 6:09 PM
To: SSOADEQ
Cc: Randy Hawkins; Nathan
Subject: 5-day SSO Report - Conf. #1765315b-9bf4-40f5-9a9e-976c6ae60318

Dear ADEQ Water Quality Enforcement Officials,

This is the 5-day SSO Report for the manhole overflow 1600 I-30 (north side) along McNeil Creek (Conf. #1765315b-9bf4-40f5-9a9e-976c6ae60318). The overflow was estimated at 15 gpm when first observed on Friday morning (02/23/2018 at 7:50 am) at MH# N10-46. Overnight into Saturday, the overflow subsided somewhat but increased again to about the same amount after the heavy rainfall on Saturday afternoon (02/23/2018). Later Saturday night and into Sunday morning the runoff from the rainfall subsided and inflow and infiltration also was reduced in this 12-inch main. A crewman observed that the SSO had stopped from this manhole at 10:30 am on Sunday morning (02/25/2018).

This manhole is located along the north bank of McNeil Creek below the Water Treatment Plant. There is a 6-inch sewer line that comes into this same manhole which may help to explain why this particular manhole overflowed and not those downstream. Upgrading of this line with possible upsizing is needed. The 12-inch main is concrete with some deficiencies (e.g., point repairs along the creek, roots, etc.). We will perform further evaluation of this problem area and share with our consulting engineering firm (McClelland) for guidance.

Because of the heavy flow of McNeil Creek in the extraordinary rain event, the SSO was quickly diluted in the stream. We saw no evidence of adverse health effects. The manhole area was hydro-cleaned, deodorized and disinfected. We estimate that 75% of the SSO was rainwater.

Sincerely,

Randy Hawkins

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