
From: Bill Durst <SEDurst@co.trumbull.oh.us>
Sent: Friday, March 9, 2018 3:27 PM
To: 'rstahl@warren.org'
Cc: Randy Smith; Gary Newbrough; Robert T. Maiorano; 'AAdams@Munitreat.com'
Subject: Champion Meter Pit

Bob,

Per the AECOM Champion Flow Meter Analysis Technical Memo which states that FM 37 and the City's meter are essentially the same given that fact that FM 37 has a stated accuracy of 10-15%, I would be comfortable with continuing the use the City's meter for Billing purposes of the Trumbull County Champion sub-district. My only issue is when the City's meter records flow rates over the maximum recommended limit of the existing 24 inch flume of 5.07 MGD. However, in reviewing the last 2 years data this happens only occasionally (6 times since January 1, 2016 until March 9, 2018) and as long as a plan is put into place to resolve this issue I do not think it will be a problem. I would like to discuss with your staff a method and time frame to evaluate the meter pit for possible solutions to correct its inability to measure flows accurately above 5.07 MGD. Please let me know your availability to schedule a meeting.

In regards to eliminating I/I from our Champion sub-district we continue to investigate the system. Televising and routine maintenance flushing are continuing. As issues are discovered in the portion of the system that our office is responsible for we make arrangements with our sub-contractor to repair and correct them. As you are probably familiar with from the City's efforts to remove I/I we are also not finding the "smoking gun" that resolves a significant amount of I/I. Our continued repairs do seem to be providing a minor volume of I/I removal. We have noticed that in my opinion the large majority of significant I/I removal would involve repairs to customer laterals. By this I mean removing footer drain connections, downspouts (we've found very few) and lateral reconstruction on private property. I would appreciate any input you may have since I assume the City is facing these same issues.

Additionally, I haven't received a complete and final copy of the Flow Study, including the hard data, that was performed by AECOM. The hard data from all the meters may have to be provided on disc as it would be too large to send via email. I have only received limited data for FM 37 and FM 27 as well as only the Technical Memo that I spoke of earlier. The last request concerns the Inter-Municipal Agreement Review done by ARCADIS, please provide a complete and final report.

Thanks,
Bill Durst
Trumbull County Sanitary Engineers
842 Youngstown Kingsville Rd.
Vienna, Ohio 44473
sedurst@co.trumbull.oh.us
Office# 330-675-7863
Cell # 330-509-9456