

Rahman, Mohammad

From: Rahman, Rezaur
Sent: Thursday, November 21, 2024 9:57 AM
To: Drew Spencer
Cc: Grant Hirneise; Brad Lasky
Subject: RE: Sewer Flow Monitoring

Hello Drew,

Good morning! See below screen shot for the sewer flow monitoring manhole. The sewer monitoring would be at Developer's expense. Please note the following:

- The engineer should independently investigate acceptable services for sewer flow monitoring.
- Water Resources requires consecutive nine (9) continuous days of flow monitoring (two full weekends)
- High resolution minute-based data should be captured i.e. no day or hour averaging (measurement periods of multiple minutes can be used, discuss with company)
- A clear and discernable diurnal pattern should be visible in the data provided
- Every attempt to install the flow monitor on a straight "flow through" manhole should be made as side inlets disrupt the velocity profile. Discuss monitor installation limitations and impact to accuracy with the flow monitoring.
- The screenshot below shows one possible location for sewer flow monitoring – Manhole within the red circle

Thanks,

Rezaur.



From: Drew Spencer <dspencer@hunterengineeringpc.com>

Sent: Friday, November 15, 2024 9:26 AM

To: Rahman, Rezaur <rrahman@scottsdaleaz.gov>

Cc: Grant Hirneise <ghirneise@hunterengineeringpc.com>; Brad Lasky <blasky@hunterengineeringpc.com>

Subject: Sewer Flow Monitoring

External Email: Please use caution if opening links or attachments!

Good morning,

Our project (Collector's Garages at Westworld) has been tasked with conducting a sewer flow monitoring test and I was emailing to inquire which manholes you'd like to be tested and the duration of the test. The site is located at 9909 E. McDowell Mountain Ranch Road. Attached is a site map for reference as well as the Sewer Report you reviewed.

Thank you,

Drew Spencer
Senior Designer



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