

Addendum 1 to REQUEST FOR PROPOSALS #1162

Phase II MS4 Monitoring

Q1) Is this a qualification evaluation only?, or do you need pricing?

A1) The City is requesting a fully developed Scope of Services to be provided with a not to exceed cost.

Q2) If pricing?, do you have a list of parameters to be tested?

A2) Monitoring shall be conducted in streams within the City's MS4 jurisdiction that are identified by TDEC as waters with unavailable parameters for nutrients, pathogens, or siltation.

For stream segments with unavailable parameters for pathogens, bacteriological stream sampling must be performed utilizing methods identified in TDEC's most current version of the Quality System Standard Operating Procedure for Chemical and Bacteriological Sampling of Surface Water. Monitoring shall include the collection of five samples within a thirty-day period to establish a geometric mean.

For stream segments identified by TDEC as waters with unavailable parameters for siltation, habitat alteration and/or nutrients, biological stream sampling and habitat assessment must be performed utilizing the Semi-Quantitative Single Habitat (SQSH) Method as identified in the division's most current version of the Quality System Standard Operating Procedure for Macroinvertebrate Stream Survey.

Q3) Assuming because of the June 30th date that no SQSH evaluation of the stream segments is needed. Correct?

A3) It is the City's desire to include evaluation results with its next Annual Report to TDEC. The reporting cycle is from July 1, 2020 through June 30, 2021 hence the June 30 date. If this is infeasible please provide a proposed timeline.

Q4) Non-analytical – is this to include only an evaluation of illicit discharges?, if not, what?

A4) Visual Stream Surveys and Unavailable Parameter Inventories must be performed on each stream segment within the City's MS4 jurisdiction with unavailable parameters for siltation, habitat alteration, pathogens, and nutrients to identify and prioritize sources of these pollutants of concern. If a stream segment is identified as having unavailable parameters of concern, TDEC recommends that visual stream surveys be performed throughout the entire HUC-12 sub-watershed including that stream segment. At a minimum, a visual stream survey must be performed immediately upstream and downstream of each MS4 outfall that discharges into that stream segment.