

Stormwater Program Monitoring and Sampling Plan Overview

Procedures to be recorded in SWMP

Biological

5.1 SQSH Sampling

(Semi-Quantitative Single Habitat Biological Sampling)

- Every other year (required every 5 years - we use to assess BMP effectiveness)
- Staff collects sampling and delivers to professional labs
- Bear Branch, Sinking Creek, West Fork Stones River, Lytle Creek

3.1.1-1.2,5.2 Cursory Biological Sampling

- Annually streams city wide (see webmap for monitoring sites)
- Provides baseline for water quality indicator species change

Bacteriological

5.1 E-coli Sampling Analytical

- 5 samples during base flow (June - September) to establish geometric mean
- Lytle, Sinking, Town (Sinking 2014, Lytle, Town - Bailey)

3.1.1 Cursory Bacteriological (source tracking)

- Pathogen impaired streams throughout the year
- supplement with Microbial Source Tracking (MST)
- Lytle, Sinking, Town - including key springs
- Dry weather spring sampling (50 plus major springs)

Visual Stream Assessments

5.2 Visual Stream Assessments

- Annually alternating cycle of HUC 12 watersheds
- Assessments used for planning, baseline water quality

Outfall Monitoring/Sampling

4.2.3. Outfall Sampling

- Dry weather screening - Annually
- wet weather sampling (first flush - retrofit identification)
- Illicit discharge sampling - as needed