

Two questions were received regarding the Nine Mile Creek Watershed District (NMCWD) *Request for Qualifications and Proposals for Stabilization of the South Fork of Nine Mile Creek*. See questions and responses below.

Question 1: Is existing conditions hydraulic modeling available for the Nine Mile Creek? If so, what model/software is used and when was it developed or last updated?

Response 1: The NMCWD has a watershed-wide XP-SWMM model. The model was originally developed in the mid-2000s, and last updated in 2020-2021. Recent updates were primarily focused on subwatersheds and storm sewer in response to recent development, and did not include re-survey of the creek channel. The XP-SWMM model is large (greater than 10,000 nodes/links) and is currently in software version 2016. A screen shot of the model subwatersheds is below to provide a sense for level of detail in the model.

Question 2: What existing information can the WD provide the selected consultant on this reach (hydraulic models/types, GIS data)?

Response 2: The NMCWD has a watershed-wide XP-SWMM model (see Response 1 for more information). GIS data available from NMCWD includes subwatersheds, soils, and creek survey points (collected for development of the original XP-SWMM model in the mid-2000s). GIS storm sewer data will likely be available from the respective municipalities.

