



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 6/8/2022
Agenda Section: Information Only

Department Origination: Public Works

Agenda Item: HR Green MS4 Contract Project Monthly Update

Approval Required: Simple Majority Vote

BACKGROUND

The City of Baxter, MN (City) entered into an agreement with HR Green on April 21st, 2021 to complete and submit the City's MS4 Permit as well as to update its MS4 Program. As part of this scope of services, HR Green developed a revised City Code Chapter 5: Stormwater Controls and Regulations. This revision updated language to reflect the needs of the current City MS4 Permit and refined/streamlined content. This revised Code retains performance criteria for various stormwater treatment practices and eliminates specifics of engineering design standards which are currently being incorporated into a new Stormwater Design Manual. The purpose of the manual is to present stormwater design standards development and redevelopment that occurs within the City. Consistent with City Ordinances, this manual serves as the design guide criteria for public and private development and redevelopment. The manual does not supplant City Ordinances but provides unique design criteria and methods for development of stormwater best management practices that can be updated as State language updates. Specifically, the Construction Stormwater General Permit that developers must adhere to is scheduled to start being revised in 2023 and may affect the details of how best management practices and construction sites are designed and managed. The Baxter Stormwater Design Manual can easily be updated by Staff without needing to bring changes to City Council or the Utility Commission for approval as it will not affect City Code. The manual also assists City staff with reviews of permitted projects by providing a succinct set of criteria to screen with.

The Manual incorporates all content earlier developed by the City with additional content related to the Minnesota Stormwater Manual as well as from similar, shared plans from the Cities of Woodbury and Prior Lake.

Baxter Stormwater Manual Contents

SECTION ONE: Ordinances and Special Waters

SECTION TWO: Requirements from Other Organizations

SECTION THREE: General Design Guidelines

SECTION FOUR: Soil Boring Requirements

SECTION FIVE: Hydrology Modeling, Unified Sizing Criteria, and Detention and Discharge Rate Standards

SECTION SIX: Volume and Water Quality Control Design and Construction

SECTION SEVEN: Rate Control (Detention) Design and Construction

SECTION NINE: Underground Basin Requirements

SECTION ELEVEN: Emergency Overflows (EOFs)

FINANCIAL IMPLICATIONS

Click or tap here to enter text.

STAFF RECOMMENDATIONS

Click or tap here to enter text.

COUNCIL ACTION REQUESTED

Click or tap here to enter text.