

Permit Rationale

Date: March 18, 2019
Permit Writer: Joe Griffin
Facility Name: City of Clive MS4 77-20-0-02
Location: Clive, Polk County, Region 5

General Information:

This permit covers all areas within the boundaries of the City of Clive totaling approximately 7.6 square miles which is drained by the city's Municipal Separate Storm Sewer System (MS4) and any other areas added while this permit is in effect.

The Code of Federal Regulations, 40 CFR 122.34, contains the six minimum control measures to be included in Phase II MS4 permits. These minimum control measures are the basis of the permit with specific requirements for each control measure being included and additional measures required to be included in Phase I permits.

Monitoring basis:

No wet weather monitoring is required in the Code of Federal Regulations for this type of MS4 permit so none is included in the permit.

Antidegradation:

The post-construction provisions of the permit require that water quality and quantity components be considered in the design of new construction and implemented when practical. Thus, antidegradation requirements have been addressed in the permit.

Receiving waters impairments:

Walnut Creek at the discharge points is listed as being impaired for indicator bacteria. The indicator bacteria impairment is addressed in the illicit discharge detection and elimination section of the permit.