VILLAGE OF FOX CROSSING STORM WATER UTILITY
STORM WATER USER FEE CREDIT APPLICATION

Property Owner: _____

Parcel Address: _____

Tax Key Number: _____

Which Type of Credit are you applying for? (Select One or Both)

_____ Credit for Improving Water Quality (proceed to Section I)

_____ Credit for Reducing Flow Rate (proceed Section II)

I. <u>Credit for Improving Water Quality</u>:

An applicant for a Storm Water User Fee credit for improving water quality shall provide the following summary information and supporting documentation showing all calculations using the methodology set forth in SLAMM (Source Loading and Management Model).

Proposed Discharge Condition and Requested Credit (select one):

_____ TSS Reduction of 40-79% (12.5% credit)

_____ TSS Reduction of 80% or more (25% credit)

<u>Summary Information</u>:

TSS Yield Without Controls _____ lbs.

TSS Yield After Outfall Controls _____ lbs.

TSS Yield Reduction _____ lbs.

Percentage Reduction _____ %

(Attach supporting calculations)

<u>For Utility Use Only</u>:

Reviewed By: _____ Date: _____

Water Quality Improvement Credit Recommended: _____%

Comments: _____

_____

_____

_____

II. Credit For Reducing Flow Rate:

An applicant for a Storm Water User Fee Credit for reducing flow rate shall provide the following summary information and supporting documentation showing all calculations using the methodology set forth in TR-55 'Urban Hydrology for Small Watersheds.'

For supporting technical information, all flows and storage requirements shall be calculated on the basis of a 3.9-inch, 24-hour Type II storm event (10 year storm).

Proposed Discharge Condition & Requested Credit (*select one*):

_____ Discharge shall be the same as pre-development (10% credit)

_____ Discharge shall not exceed 0.40 cfs/acre (total 25% credit)

_____ Discharge shall not exceed 0.30 cfs/acre (total 40% credit)

_____ Discharge shall not exceed 0.15 cfs/acre (total 55% credit)

Summary Information:

A. Total Parcel Area _____ Acres

B. Pre-Development Conditions

1. Description of Pre-Development Land Use:

_____

_____

2. Pre-Development Composite Curve Number (CN) _____

3. Pre-Development Peak Runoff Rate _____ cfs

C. Post-Development Conditions

1. Description of Post-Development Land Use:

_____

_____

2. Post-Development Composite Curve Number (CN) _____

3. Post-Development Peak Runoff Rate (without storage) _____ cfs

D. Design Post-Development Peak Discharge Rate (with storage) _____ cfs

E. Required Storage Based Upon TR-55 or Routing *(attach supporting calculations)*.

F. Peak Discharge Hydraulic Information

1. Discharge Structure

   a. Type (pipe, weir, channel, etc.): _____

   b. Dimensions: _____

2. Elevation of Invert of Discharge Structure _____ feet

3. Peak Elevation of Water Immediately Upstream of Discharge Structure _____ feet

4. Tail Water Elevation Immediately Downstream of Discharge Structure _____ feet

5. Computed Peak Discharge _____ cfs

For Utility Use Only:

Reviewed By: _____ Date: _____

Volume Reduction Credit Recommended: _____%

Comments: _____

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