

LAKE SHENANDOAH STORMWATER CONTROL AUTHORITY

Update

2/12/2020

ENGINEERING RFP

The Timmons Group cost proposal : \$51,970.00

Includes:

- 1) modeling hydrologic and hydraulic characteristics of the watershed
- 2) evaluating mitigation strategies for cost/benefit ratios
- 3) meeting with County staff

Does not include:

- 1) construction drawings

PUBLIC NOTICE/ PUBLIC HEARING

- ▶ Letters will be mailed to property owners
- ▶ Public hearing will be conducted

RATE CALCULATION METHODOLOGY

Rooftop: Assess a cost per square foot of each building footprint



RATE CALCULATION METHODOLOGY

All Impervious Areas: Assess a cost per square foot of each impervious area (rooftops, driveways, patios, parking areas, etc.)



RATE CALCULATION METHODOLOGY

- ▶ Rooftop Method recommended due to:
 - ▶ Simplicity of calculation
 - ▶ Readily available data
 - ▶ Ability to avoid delays in implementation
- ▶ Request working rate of \$0.10/sq. ft. of rooftop

AGRICULTURAL STRUCTURES

Within the Authority

Total structures: Over 2000

Agricultural structures: 11

- ▶ Agricultural buildings tend to be located in a field or farm area, and not directly connected into the flow path of an urban stormwater drainage system
- ▶ They also tend to be large, which generates a high fee per structure