

Town of Buchanan Stormwater Utility District

Credit Policy

Adopted: December 11, 2018
Last Updated: December 11, 2018

I. ALLOWABLE CREDITS

1. Maximum Total Credit: The maximum total credit attainable will be 85%.
2. Maximum Credit for Reducing Flow Rate: 60%.
3. Maximum Credit for Reducing the Volume of Discharge: 25%

II. CREDITS FOR REDUCING FLOW RATE

1. **First Tier Credit**
For meeting the minimum standard of limiting the peak discharge from a 4.25-inch, 24-hour storm to that existing prior to development, the user shall be granted a credit of 10%.
2. **Second Tier Credit**
For reducing the peak discharge from a 4.25-inch, 24-hour storm to 0.40 cfs per acre, the user shall be granted an additional credit of 20%.
3. **Third Tier Credit**
For reducing the peak discharge from a 4.25-inch, 24-hour storm to 0.30 cfs per acre, the user shall be granted an additional credit of 15%.
4. **Fourth Tier Credit**
For reducing the peak discharge from a 4.25-inch, 24-hour storm to 0.15 cfs per acre, the user shall be granted an additional credit of 15%.

III. CREDITS FOR REDUCING VOLUME OF FLOW

1. For limiting the maximum 12-hour volume of runoff from a 25-year storm to that existing prior to development, the user shall be granted a full credit of 25%. To receive this credit, at the end of the 24-hour period during which the runoff event occurred, the facilities used for the mitigation of the effects of runoff must be returned to the state existing at the beginning of the runoff event, or the terminal state must be considered in determining credits for reducing flow rate. Alternatively, it may be demonstrated that the conditions at the end of the 24-hour period would not impact the ability of the facilities to mitigate the effects of a second similar runoff event.
2. For reducing the maximum 12-hour volume of runoff for the 25-year storm by an amount less than that set forth in Paragraph III.3, the user shall be granted a credit in accordance with the following formula:

Credit = $\frac{\text{Runoff without Mitigation} - \text{Runoff with Mitigation}}{\text{Runoff without Mitigation} - \text{Runoff Prior to Development}} * 25\%$

Runoff without Mitigation - Runoff Prior to Development

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3. No credit will be allowed for reducing the volume of flow, unless it exceeds 5%.