

OAK PARK

14000 Oak Park Blvd., Oak Park, MI 48237 • (248) 691-7400 • www.OakParkMI.gov

Stormwater Commercial Credit Application

Complete and return this form to:

City of Oak Park 14300 Oak Park Blvd. Oak Park, MI 48237

1. Property Information

Property address: _____

Property owner(s): _____

Tax parcel identification: _____

Account number: _____

Mailing address: _____

Phone number: _____

E-mail address: _____

2. Commercial Credit Calculation

The calculation for the commercial credit is:

The credit percentage equals the total infiltration volume provided divided by the total site runoff for a 10-year frequency storm multiplied by 0.4 or 0.2 with an underdrain.

$$\text{Credit percentage} = \frac{\text{Total infiltration volume provided}}{\text{Total site runoff for 10-year frequency storm}} \times 0.4 \text{ (or 0.2 with underdrain)}$$

A site can receive a maximum credit of 40 percent when no underdrain is installed within the stormwater management practice. If an underdrain is installed, the site can receive a maximum credit of 20 percent.

As per the Oakland County Water Resources Commissioner stormwater engineering design standards, supplemental measures - which may include the installation of an underdrain - are required when the site's measured in-situ infiltration rate is between 0.24 inches per hour and 0.5 inches per hour.

When an underdrain is part of the design, some of the property's runoff still enters the sewer system.

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For this reason, there is a reduction in the credit that a property can receive when an underdrain is used. An example of a stormwater management practice with and without an underdrain is included on page 3 for reference.

3. Credit Calculation Table

All fields in the credit calculation table below must be completed if the applicant is applying for a commercial credit.

Credit Calculation

A: total infiltration volume provided _____ cubic feet

B: total site runoff for 10-year storm _____ cubic feet

C: underdrain installed Yes _____ (use 20 percent factor) No _____ (use 40 percent factor)

Credit percentage (A divided by B multiplied by C) = _____

4. Required Documentation

Applications for stormwater credits shall be submitted with the following documentation and fees. Incomplete applications will be returned and not considered for review until all required information is submitted. Confirm that the items below are included by checking them off.

- a. Completed application (pages 1 and 2)
- b. Application fee of \$125 and engineering review escrow
- c. Approved site plan design with calculations and infiltration testing

By signing below, I certify that all information is true and correct to the best of my knowledge. I also give permission for city staff to enter my property to verify the information provided herein.

Signature

Printed name

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5. Reference

