



## Mitigation Type

### Volume Reduction

Stormwater Volume Reduction for Impervious Surface Mitigation for Commercial Uses, and Commercial Planned Unit Developments and Residential Planned Unit Developments.

Impervious surface in excess of the base standard will be mitigated by stormwater volume reduction up to the mitigation limit. Volume reduction shall be by onsite infiltration and/or other volume reduction methods (e.g. rainwater harvesting). The volume is equal to the runoff generated by the 2-year, 24-hour storm event (as prescribed by NOAA Atlas 14 Point Precipitation Frequency Estimate) over the impervious surface exceeding the base standard listed in Section 6.5. Infiltration systems and/or other volume reduction methods shall be designed, constructed, and maintained in accordance with the Minnesota Stormwater Manual. Certification by a licensed professional engineer or a licensed landscape architect may be required. If this volume reduction standard cannot be met, impervious surface is limited to the base standard listed in Section 6.5.

### On-site Stormwater Management as presented in this section can be used as mitigation up to the mitigation limit in Section 6.5, for individual residential lots not included in a new subdivision or PUD greater than one acre on Detroit Lake only.

#### (a) For Nonconforming Riparian Lots on Detroit Lake and all nonriparian lots on Detroit Lake, the net increase in impervious surface over the base amount must be mitigated with an onsite stormwater facility that treats a 1.1 inch rainfall as follows:

- (1) Up to 2% net increase must be treated on a 2:1 basis
- (2) 2% to 4% must be treated on a 3:1 basis
- (3) Over 4% must be treated on a 4:1 basis

#### (b) For Conforming Riparian Lots on Detroit Lake, the net increase in impervious surface over the base amount must be mitigated as follows:

- (1) Up to 2% net increase must be treated with onsite stormwater facility (rain garden) that treats a 1.1 inch rainfall on a 2:1 basis
- (2) If the net increase is 2% or over, the entire increase must be mitigated with an onsite stormwater facility as listed in (1) above plus a riparian Natural Buffer that is the length of the Shoreline with a minimum depth of 15 feet. An access open area through the Natural Buffer with a maximum width of 6 feet is allowed.

## Procedures/Submittals

1. Submit Mitigation Permit Application to the Community Development Director;
2. Pay the required \$350 application fee;
3. Provide a correct legal description of the property affected such as a copy of a deed or copy of the description from the abstract;
4. Provide a site plan at a scale of not less than 1" = 50'.

The submission must include: Lot lines, site size, buildings, setbacks, impervious surfaces, mitigation measures, and any information necessary to assess the request;

5. Detailed Plans for Stormwater Facility;
6. Provide a statement of objectives indicating which mitigation measures you are using and the percentage by which you are going to exceed the impervious surface limit. This statement should also include a detailed calculation of how the proposed mitigation meets your request to exceed the ordinance requirements.
7. The owner must sign a Mitigation Measures Maintenance Agreement.

### **CERTIFICATION STATEMENT**

The applicant agrees that any mitigation measures will be inspected and maintained for the life of the improvement per the City's ordinance. By signing below, the applicant hereby provides, right-of-entry onto this property to the City of Detroit Lakes, its employees or agents, for the purpose of ordinance enforcement during construction and after construction for the life of the improvement.

I certify under penalty of law that this document and all attachments, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The record owner of the real property subject to a Mitigation Permit has no property right in the Mitigation Permit. Failure to comply with the conditions imposed by the Mitigation Permit or the Mitigation Measures Maintenance Agreement shall result in the revocation of the Mitigation Permit, after a hearing held before the City Council upon no less than two weeks written notice to the record owner of the property, unless such failure is cured prior to the date of the hearing. Upon revocation of a Mitigation Permit, the record owner of the property shall eliminate the work previously permitted by the Mitigation Permit, and return the property to the physical condition existing prior to the granting of the permit, at the expense of the owner of record, within 90 days after the date of revocation.

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature of Permit Holder: \_\_\_\_\_

Date: \_\_\_\_\_

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_

**This permit is permissive only and does not release the Permittee from any liability or obligation imposed by Minnesota Statute, Federal Law, State Agency Rules or the requirements of other agencies with regulatory authority.**